

UNITED STATES DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 1	Date of Summary: 20-MAY-1986	First Sample Examined: 5700
Lease Number: G07075	Source of Paleo: OPERATOR	Borehole MD: 9463
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9463
API Well Number: 608184000000	Drilling Operator: TEXACO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 5700 - 9470	Water Depth: 2381
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5470 /	DEF AT first sample examined	DEF AT 0
5700 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
7620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
7770 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
8870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9080 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
9110 /	DEF AT gouge	DEF AT 0
9111 /	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 0
9140 /	DEF AT caprock	DEF AT 0
9470 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 1	Date of Summary: 20-JUN-1986	First Sample Examined: 0
Lease Number: G07075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9463
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9463
API Well Number: 608184000000	Drilling Operator: TEXACO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 2381
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
9020 /	DEF IN Aftonian fauna (local marker)	DEF AT 0
9120 /	DEF AT gouge	DEF AT 0
9190 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 89	Date of Summary: 04-JAN-1989	First Sample Examined: 4470
Lease Number: G08895	Source of Paleo: OPERATOR	Borehole MD: 13728
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11600
API Well Number: 608184000200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 1 of 3	Sample Range: 4470 - 13728	Water Depth: 2865
Public Info Code: Y 28-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4469	DEF AT first sample examined	DEF IN 4
4471 / 4470	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 4
4920 / 4915	DEF AT faunal change (no faunal increase)	DEF AT 4
5550 / 5481	DEF AT faunal change (no faunal increase)	POS AT 4
5760 / 5640	DEF AT faunal change (no faunal increase)	DEF AT 4
5880 / 5723	DEF AT faunal change (no faunal increase)	POS AT 4
5940 / 5763	DEF AT faunal change (no faunal increase)	DEF AT 4
6000 / 5801	DEF AT faunal change (no faunal increase)	POS AT 4
6030 / 5819	DEF AT faunal change (no faunal increase)	DEF IN 4
6330 / 5996	DEF AT faunal change (no faunal increase)	DEF AT 4
6840 / 6301	DEF AT faunal change (no faunal increase)	DEF IN 4
7020 / 6409	DEF AT faunal change (no faunal increase)	DEF AT 5
7380 / 6628	DEF AT faunal change (no faunal increase)	POS AT 5
7410 / 6646	DEF AT faunal change (no faunal increase)	DEF IN 4
7710 / 6830	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
7920 / 6958	DEF AT faunal change (no faunal increase)	POS AT 4
8070 / 7046	DEF AT faunal change (no faunal increase)	DEF AT 4
8100 / 7064	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
9600 / 7946	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
9630 / 7964	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
10080 / 8271	DEF AT foram flood	DEF IN 4
11890 / 9791	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> AT 89	<b>Date of Summary:</b> 04-JAN-1989	<b>First Sample Examined:</b> 4470
<b>Lease Number:</b> G08895	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13728
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11600
<b>API Well Number:</b> 608184000200	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 4470 - 13728	<b>Water Depth:</b> 2865
<b>Public Info Code:</b> Y 28-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12100 / 9992	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
12250 /10138	POS AT foram flood	DEF IN 4
12370 /10255	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
12430 /10313	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
12700 /10579	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
12910 /10787	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
13120 /10995	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
13240 /11115	DEF AT foram flood	DEF IN 4
13480 /11353	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
13728 /11601	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 89	Date of Summary: 17-JAN-1989	First Sample Examined: 4470
Lease Number: G08895	Source of Paleo: OPERATOR	Borehole MD: 13728
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11600
API Well Number: 608184000200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 2 of 3	Sample Range: 4470 - 13720	Water Depth: 2865
Public Info Code: Y 28-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4469	DEF AT first sample examined	DEF AT 0
6990 / 6391	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
8100 / 7064	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
10990 / 8977	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
11290 / 9236	POS AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 0
11800 / 9705	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11890 / 9791	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
11920 / 9820	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
12310 / 10196	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
12399 / 10283	DEF AT floral flood	DEF AT 0
12400 / 10284	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12490 / 10372	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
12790 / 10668	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
13000 / 10876	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
13300 / 11174	POS AT Lower Pliocene (Zanclian) Discoaster intercalaris	DEF AT 0
13390 / 11264	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
13510 / 11383	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
13720 / 11593	DEF AT last sample examined	DEF AT 0

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End Date: 31-DEC-1993

Area Block: AT 89	Date of Summary: 02-FEB-1989	First Sample Examined: 0
Lease Number: G08895	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13728
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11600
API Well Number: 608184000200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 2865
Public Info Code: Y 28-DEC-1989	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 7946	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
11890 / 9791	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
12370 /10255	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12700 /10579	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
13120 /10995	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 222	Date of Summary: 01-MAY-1992	First Sample Examined: 4470
Lease Number: G12270	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17532
API Well Number: 608184000300	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 46
Paleo Report Num: 1 of 2	Sample Range: 4470 - 16070	Water Depth: 3150
Public Info Code: Y 21-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4470	DEF AT first sample examined	DEF AT 5
7070 / 7070	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
15050 /14714	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
15080 /14743	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15920 /15550	DEF AT faunal change (no faunal increase)	DEF IN 5
16070 /15694	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 222	Date of Summary: 01-MAY-1992	First Sample Examined: 15900
Lease Number: G12270	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17532
API Well Number: 608184000300	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 46
Paleo Report Num: 2 of 2	Sample Range: 11106 - 18000	Water Depth: 3150
Public Info Code: Y 21-DEC-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15900 /15531	DEF AT first sample examined	DEF AT 0
17130 /16708	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
18000 /17531	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 471	Date of Summary: 11-AUG-1987	First Sample Examined: 9625
Lease Number: G08512	Source of Paleo: OPERATOR	Borehole MD: 17971
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17968
API Well Number: 608184000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 9625 - 17970	Water Depth: 6794
Public Info Code: Y 30-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9625 / 9624	DEF AT first sample examined	DEF AT 4
10370 /10369	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
13100 /13098	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
13460 /13458	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
14280 /14277	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
14500 /14497	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
15430 /15427	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
17760 /17757	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
17919 /17916	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 4
17920 /17917	POS AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 4
17970 /17967	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 471	Date of Summary: 30-OCT-1987	First Sample Examined: 8840
Lease Number: G08512	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17971
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17968
API Well Number: 608184000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 8840 - 17920	Water Depth: 6794
Public Info Code: Y 30-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8840 / 8839	DEF AT first sample examined	POS AT 4
8841 / 8840	DEF AT cement	POS AT 4
9980 / 9979	DEF AT faunal change (no faunal increase)	DEF AT 4
10280 /10279	DEF AT faunal change (no faunal increase)	DEF IN 4
10310 /10309	DEF AT local marker foram decrease	DEF IN 4
10820 /10819	DEF AT local marker planktic foram increase	DEF IN 4
11160 /11159	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
11220 /11219	DEF AT faunal change (no faunal increase)	DEF IN 5
11730 /11729	DEF AT local marker planktic foram increase	DEF AT 5
11860 /11859	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 5
12860 /12858	DEF AT local marker planktic foram increase	DEF IN 5
13070 /13068	POS AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF IN 5
13630 /13628	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 5
13750 /13748	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 5
14610 /14607	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 5
15260 /15257	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
15430 /15427	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
15520 /15517	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 5
15890 /15886	DEF AT Cyclammina sp. (local marker)	DEF IN 5
15950 /15946	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 5
16820 /16816	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 5
17150 /17148	DEF AT cement	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: AT 471	Date of Summary: 30-OCT-1987	First Sample Examined: 8840
Lease Number: G08512	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17971
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17968
API Well Number: 608184000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 8840 - 17920	Water Depth: 6794
Public Info Code: Y 30-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17180 /17178	DEF AT sample gap top	DEF IN 5
17300 /17298	DEF AT sample gap bottom	DEF IN 5
17570 /17567	DEF AT drilling material	DEF IN 5
17750 /17747	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF IN 5
17919 /17916	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 5
17920 /17917	DEF IN last sample examined	DEF IN 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 364	Date of Summary: 16-MAY-1989	First Sample Examined: 0
Lease Number: G10211	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9994
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8694
API Well Number: 427044018600	Drilling Operator: WACKER OIL INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7423 / 7025	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8791 / 7882	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 364	<b>Date of Summary:</b> 12-OCT-1989	<b>First Sample Examined:</b> 7010
<b>Lease Number:</b> G10211	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9994
<b>Well Name:</b> 001	<b>Paleo Done By:</b> STORK & ASS.	<b>Borehole TVD:</b> 8694
<b>API Well Number:</b> 427044018600	<b>Drilling Operator:</b> WACKER OIL INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7010 - 9990	<b>Water Depth:</b> 72
<b>Public Info Code:</b> Y 30-SEP-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 6757	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7070 / 6796	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7520 / 7087	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
8360 / 7609	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9630 / 8424	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 364	Date of Summary: 16-MAY-1989	First Sample Examined: 0
Lease Number: G10211	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9520
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8818
API Well Number: 427044018601	Drilling Operator: WACKER OIL INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7251 / 7013	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8376 / 7916	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 398	Date of Summary: 20-OCT-1988	First Sample Examined: 0
Lease Number: G06061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8496
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8496
API Well Number: 427044017700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7232 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7716 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 412	Date of Summary: 03-OCT-1983	First Sample Examined: 3700
Lease Number: G05003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7472
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7471
API Well Number: 427044011400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3700 - 7250	Water Depth: 70
Public Info Code: Y 30-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3700 /	DEF AT first sample examined	DEF AT 2
5350 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5560 /	DEF AT - - - - -	DEF AT 3
6040 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
6280 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6910 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7250 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 415	Date of Summary: 29-AUG-1990	First Sample Examined: 6020
Lease Number: G11271	Source of Paleo: OPERATOR	Borehole MD: 8311
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7200
API Well Number: 427044021700	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 6020 - 8300	Water Depth: 78
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5262	DEF AT first sample examined	DEF IN 2
6620 / 5754	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8240 / 7137	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8300 / 7189	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 415	<b>Date of Summary:</b> 20-SEP-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11271	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8311
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7200
<b>API Well Number:</b> 427044021700	<b>Drilling Operator:</b> APACHE CORPORATION	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 78
<b>Public Info Code:</b> Y 30-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7655 / 6632	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 415	Date of Summary: 22-APR-1991	First Sample Examined: 3800
Lease Number: G11271	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8311
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 7200
API Well Number: 427044021700	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 101
Paleo Report Num: 3 of 3	Sample Range: 3800 - 8300	Water Depth: 78
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3491	DEF AT first sample examined	DEF AT 0
4190 / 3807	DEF AT - - - - -	DEF AT 1
6020 / 5262	DEF AT local marker foram increase	DEF AT 2
6049 / 5285	DEF AT reworked material	DEF AT 2
6050 / 5286	DEF AT charophytes	DEF AT 2
6290 / 5482	DEF AT local marker foram increase	DEF AT 2
6500 / 5654	DEF AT local marker foram increase	DEF AT 2
6530 / 5679	DEF AT local marker foram increase	DEF AT 2
6560 / 5704	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6680 / 5804	DEF AT local marker foram increase	DEF AT 2
6860 / 5954	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7010 / 6081	POS AT local marker planktic foram increase	DEF AT 3
7640 / 6619	DEF AT local marker foram increase	DEF AT 3
8120 / 7033	DEF AT local marker planktic foram increase	DEF AT 3
8270 / 7163	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8300 / 7189	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 430	Date of Summary: 19-AUG-1992	First Sample Examined: 6000
Lease Number: G09016	Source of Paleo: OPERATOR	Borehole MD: 8600
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8600
API Well Number: 427044026100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 6000 - 8600	Water Depth: 94
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: 7410=Brazos shale

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 1
6001 / 6001	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6480 / 6480	DEF AT local marker foram increase	DEF AT 1
7230 / 7230	DEF AT Eggerella sp. (local marker)	DEF AT 1
7320 / 7320	DEF AT faunal change (no faunal increase)	DEF AT 2
7410 / 7410	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
7900 / 7900	DEF AT local marker foram increase	DEF AT 1
7901 / 7901	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
7990 / 7990	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
8140 / 8140	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 1
8200 / 8200	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 1
8380 / 8380	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
8570 / 8570	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 430	Date of Summary: 09-SEP-1992	First Sample Examined: 0
Lease Number: G09016	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8600
API Well Number: 427044026100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3555 / 3555	POS AT Upper (Late) Miocene	DEF AT 0
7793 / 7793	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 431	Date of Summary: 19-SEP-1991	First Sample Examined: 3650
Lease Number: G09017	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7953
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 7953
API Well Number: 427044017100	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 81
Paleo Report Num: 3 of 3	Sample Range: 3650 - 7953	Water Depth: 90
Public Info Code: Y 13-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3650 /	DEF AT first sample examined	DEF AT 1
3980 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
4100 /	DEF AT local marker foram increase	DEF AT 2
4250 /	DEF AT local marker planktic foram increase	DEF AT 2
4310 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4540 /	DEF AT local marker foram increase	DEF AT 2
4720 /	DEF AT foram flood	DEF AT 2
4930 /	DEF AT drilling material	POS AT 2
5080 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
5230 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5440 /	DEF AT local marker foram decrease	DEF AT 2
5470 /	DEF AT local marker planktic foram increase	DEF AT 2
5590 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
5680 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6580 /	DEF AT local marker foram increase	DEF AT 2
6610 /	DEF AT local marker planktic foram increase	DEF AT 2
6760 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6910 /	POS AT local marker foram increase	DEF AT 3
7060 /	DEF AT local marker planktic foram increase	DEF AT 3
7120 /	DEF AT - - - - -	DEF AT 4
7150 /	DEF AT local marker foram increase	DEF AT 4
7330 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 431	<b>Date of Summary:</b> 19-SEP-1991	<b>First Sample Examined:</b> 3650
<b>Lease Number:</b> G09017	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 7953
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 7953
<b>API Well Number:</b> 427044017100	<b>Drilling Operator:</b> AMERAC ENERGY CORPORATION	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 3650 - 7953	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 13-JUN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7953 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 436	Date of Summary: 23-APR-1981	First Sample Examined: 390
Lease Number: G04258	Source of Paleo: OPERATOR	Borehole MD: 8081
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8081
API Well Number: 427044005200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 390 - 8081	Water Depth: 75
Public Info Code: Y 13-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
390 /	DEF AT first sample examined	DEF AT 1
1350 /	DEF AT non-marine sediment	DEF AT 1
1680 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1770 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
1800 /	DEF AT Arenaceous fauna (local marker)	DEF AT 1
1920 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2130 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2340 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
2490 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2491 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
2610 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2940 /	DEF AT local marker benthic foram increase	DEF AT 1
3570 /	DEF AT limestone	DEF AT 1
3571 /	DEF AT pyrite	DEF AT 1
5100 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5310 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
5460 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5880 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6150 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6180 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 2
6240 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6390 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 436	<b>Date of Summary:</b> 23-APR-1981	<b>First Sample Examined:</b> 390
<b>Lease Number:</b> G04258	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8081
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8081
<b>API Well Number:</b> 427044005200	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 390 - 8081	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 13-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7080 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7170 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7320 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7439 /	DEF AT local marker planktic foram increase	DEF AT 3
7440 /	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 3
7770 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
7800 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7890 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7920 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8010 /	DEF AT sandstone	DEF AT 2
8070 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8081 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 437	Date of Summary: 20-MAY-1980	First Sample Examined: 4520
Lease Number: G04140	Source of Paleo: OPERATOR	Borehole MD: 8374
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8374
API Well Number: 427044003400	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 60
Paleo Report Num: 1 of 2	Sample Range: 4520 - 8360	Water Depth: 68
Public Info Code: Y 01-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4520 / 4519	DEF AT first sample examined	DEF IN 2
4880 / 4879	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5180 / 5179	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6440 / 6439	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7460 / 7459	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7640 / 7639	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8180 / 8179	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8360 / 8359	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 437	<b>Date of Summary:</b> 16-FEB-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04140	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8374
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8374
<b>API Well Number:</b> 427044003400	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 60
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 68
<b>Public Info Code:</b> Y 01-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 4729	POS IN Miocene	DEF AT 0
7875 / 7874	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 437	Date of Summary: 11-OCT-2001	First Sample Examined: 0
Lease Number: G04140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8735
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8735
API Well Number: 427044003700	Drilling Operator: BARRETT RESOURCES CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5065 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6694 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7331 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
8201 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 437	Date of Summary: 15-NOV-1981	First Sample Examined: 0
Lease Number: G04140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8650
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8274
API Well Number: 427044005000	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 07-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: See report for lithology

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5026 / 4720	POS AT Miocene	DEF AT 0
6800 / 6431	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 437	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G04140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8661
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8165
API Well Number: 427044004500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 26-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 5098	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7400 / 6910	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 437	Date of Summary: 03-OCT-2001	First Sample Examined: 0
Lease Number: G04140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8661
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8165
API Well Number: 427044004500	Drilling Operator: BARRETT RESOURCES CORPORATION	Rkb Elevation: 76
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 26-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5410 / 5062	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7264 / 6777	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7926 / 7431	POS IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 437	<b>Date of Summary:</b> 16-MAY-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04140	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7962
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7368
<b>API Well Number:</b> 427044006800	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 03-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5175 / 4690	POS IN Miocene	DEF AT 0
6930 / 6350	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 437	Date of Summary: 03-OCT-2001	First Sample Examined: 0
Lease Number: G04140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8930
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 8127
API Well Number: 427044007400	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 24-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 / 5051	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7482 / 6695	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8154 / 7354	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 437	<b>Date of Summary:</b> 18-MAY-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12364	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8280
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7343
<b>API Well Number:</b> 427044012500	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 27-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5496 / 4640	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7310 / 6375	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7406 / 6471	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 437	<b>Date of Summary:</b> 18-MAY-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12364	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8280
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7343
<b>API Well Number:</b> 427044012500	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 27-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5496 / 4640	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7310 / 6375	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7518 / 6582	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 438	Date of Summary: 30-JUL-1984	First Sample Examined: 0
Lease Number: G12364	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7680
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7678
API Well Number: 427044012300	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6700 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7000 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 450	Date of Summary: 02-APR-1990	First Sample Examined: 0
Lease Number: G10217	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8311
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8311
API Well Number: 427044020800	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5980 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
6280 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6760 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7660 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 09-JAN-1980	First Sample Examined: 1030
Lease Number: G03935	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427044002900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 1030 - 10570	Water Depth: 69
Public Info Code: Y 20-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report 3 = sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	DEF AT first sample examined	DEF AT 1
5050 / 5050	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5260 / 5260	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5410 / 5410	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6040 / 6040	DEF AT - - - - -	DEF AT 3
6130 / 6130	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6220 / 6220	DEF AT sample gap top	DEF AT 0
6430 / 6430	DEF AT sample gap bottom	DEF AT 0
6460 / 6460	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6790 / 6790	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6970 / 6970	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7840 / 7840	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
8200 / 8200	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
8800 / 8800	DEF AT - - - - -	DEF AT 3
8980 / 8980	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9970 / 9968	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10180 / 10177	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10570 / 10566	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 09-JAN-1980	First Sample Examined: 9110
Lease Number: G03935	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427044002900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 9110 - 11990	Water Depth: 69
Public Info Code: Y 20-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9110 / 9110	DEF AT first sample examined	DEF AT 2
9170 / 9170	DEF AT sample gap top	DEF AT 0
9529 / 9529	DEF AT sample gap bottom	DEF AT 0
9530 / 9530	DEF AT -----	DEF AT 2
9560 / 9560	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9680 / 9679	DEF AT -----	DEF AT 3
10010 /10008	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10490 /10486	POS AT -----	DEF AT 4
11990 /11981	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 13-MAR-2000	First Sample Examined: 0
Lease Number: G03935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427044002900	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 94
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 20-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5050 / 5050	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5410 / 5410	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
6130 / 6130	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6790 / 6790	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9560 / 9560	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10010 / 10008	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 23-MAR-1982	First Sample Examined: 1040
Lease Number: G03935	Source of Paleo: OPERATOR	Borehole MD: 9608
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7940
API Well Number: 427044007700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 3	Sample Range: 1040 - 9608	Water Depth: 69
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1040	DEF AT first sample examined	DEF AT 1
1760 / 1760	DEF AT local marker foram increase	DEF AT 1
1880 / 1880	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
2120 / 2120	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2180 / 2180	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4940 / 4537	DEF AT pyrite	DEF AT 1
4941 / 4538	POS AT unconformity	DEF AT 1
5120 / 4664	DEF AT local marker (general)	DEF AT 1
5810 / 5148	POS AT deepwater facies Pontchartrain	DEF AT 2
5870 / 5191	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6890 / 5946	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7280 / 6231	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7281 / 6232	POS AT fault	DEF AT 2
7282 / 6233	POS AT unconformity	DEF AT 2
9608 / 7941	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 23-MAR-1982	First Sample Examined: 4370
Lease Number: G03935	Source of Paleo: OPERATOR	Borehole MD: 9608
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7940
API Well Number: 427044007700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 3	Sample Range: 4370 - 8800	Water Depth: 69
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4136	DEF AT first sample examined	DEF AT 0
4371 / 4137	DEF AT poor sample interval top	DEF AT 0
4700 / 4366	DEF AT poor sample interval bottom	DEF AT 0
5000 / 4579	DEF AT -----	DEF AT 1
5600 / 5000	POS AT -----	DEF AT 2
5630 / 5021	POS AT deepwater facies Pontchartrain	DEF AT 2
5750 / 5105	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6440 / 5611	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6740 / 5836	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6770 / 5858	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8750 / 7305	DEF IN Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
8780 / 7327	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
8800 / 7342	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 02-DEC-1982	First Sample Examined: 0
Lease Number: G03935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9608
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7940
API Well Number: 427044007700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 118
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1880 / 1880	POS AT Pliocene	DEF AT 0
2180 / 2180	POS AT Upper (Late) Miocene	DEF AT 0
2181 / 2181	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
2182 / 2182	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 06-MAR-1999	First Sample Examined: 0
Lease Number: G03935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8923
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8093
API Well Number: 427044008500	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 03-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5419	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6900 / 6219	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 451	Date of Summary: 25-MAY-1982	First Sample Examined: 6100
Lease Number: G03935	Source of Paleo: OPERATOR	Borehole MD: 9747
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7702
API Well Number: 427044009100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9730	Water Depth: 69
Public Info Code: Y 01-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6100 / 4961	DEF AT first sample examined	DEF AT 1
6460 / 5216	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
6490 / 5238	DEF AT faunal change (no faunal increase)	DEF AT 2
6520 / 5260	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
7750 / 6208	POS IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7810 / 6256	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9650 / 7623	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
9730 / 7688	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 457	Date of Summary: 18-FEB-1986	First Sample Examined: 0
Lease Number: G06064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8099
API Well Number: 427044015600	Drilling Operator: CHERRYVILLE	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 /	DEF AT local marker benthic foram increase	DEF AT 0
5640 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7521 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 457	<b>Date of Summary:</b> 07-JUN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06064	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6542
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6542
<b>API Well Number:</b> 427044017200	<b>Drilling Operator:</b> WALTER OIL & GAS CORPORATION	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3357 /	DEF AT local marker benthic foram increase	DEF AT 0
5433 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 466	Date of Summary: 08-JUN-1984	First Sample Examined: 0
Lease Number: G06065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11489
API Well Number: 427044012900	Drilling Operator: OCEAN OIL & GAS COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 109
Public Info Code: Y 05-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4960 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6200 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7360 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
7560 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 474	Date of Summary: 08-MAY-1987	First Sample Examined: 0
Lease Number: G08113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10800
API Well Number: 427044016200	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 28-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7950 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10200 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 489	Date of Summary: 13-JAN-1986	First Sample Examined: 4875
Lease Number: G07222	Source of Paleo: OPERATOR	Borehole MD: 15682
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15464
API Well Number: 427044015200	Drilling Operator: CONOCO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4875 - 15670	Water Depth: 69
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4875 / 4875	DEF AT first sample examined	DEF AT 1
5025 / 5025	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5410 / 5410	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
5620 / 5620	DEF AT -----	DEF AT 2
5685 / 5685	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5985 / 5985	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6310 / 6310	DEF AT -----	DEF AT 1
6645 / 6645	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7400 / 7400	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7755 / 7755	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8025 / 8025	DEF AT -----	DEF AT 3
8475 / 8475	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8985 / 8985	DEF AT -----	DEF AT 2
9135 / 9134	DEF AT sample gap top	DEF AT 0
9464 / 9463	DEF AT sample gap bottom	DEF AT 0
9465 / 9464	DEF AT -----	DEF AT 2
11590 / 11587	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
12070 / 12064	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
12250 / 12243	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
14360 / 14310	DEF AT -----	DEF AT 2
15400 / 15225	DEF AT -----	DEF AT 3
15670 / 15454	DEF AT last sample examined	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 489	Date of Summary: 05-FEB-1986	First Sample Examined: 0
Lease Number: G07222	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15682
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15464
API Well Number: 427044015200	Drilling Operator: CONOCO INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5025 / 5025	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5410 / 5410	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
5685 / 5685	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5985 / 5985	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6645 / 6645	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7755 / 7755	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8475 / 8475	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
12070 / 12064	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 490	Date of Summary: 19-MAR-1990	First Sample Examined: 0
Lease Number: G10219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8841
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7776
API Well Number: 427044020500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 31-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 5228	DEF AT local marker benthic foram increase	DEF AT 0
6534 / 5478	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7208 / 6151	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8017 / 6960	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 501	Date of Summary: 10-OCT-1989	First Sample Examined: 0
Lease Number: G04554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427044019900	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 21-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6195 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6930 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7760 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 504	Date of Summary: 30-MAY-1979	First Sample Examined: 1000
Lease Number: G03469	Source of Paleo: OPERATOR	Borehole MD: 8049
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8049
API Well Number: 427044002400	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8050	Water Depth: 108
Public Info Code: Y 25-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
1480 / 1480	DEF AT faunal change (no faunal increase)	DEF AT 3
2680 / 2680	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3580 / 3580	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4530 / 4530	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4830 / 4830	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5460 / 5460	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6090 / 6090	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
6720 / 6720	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8050 / 8050	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 504	Date of Summary:	First Sample Examined: 0
Lease Number: G03469	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8087
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8087
API Well Number: 427044002600	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 20-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2560 / 2560	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
3640 / 3640	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4300 / 4300	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4570 / 4569	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4960 / 4959	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5830 / 5829	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6760 / 6759	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8465
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7975
<b>API Well Number:</b> 427044003900	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 02-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4704	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6200 / 5956	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7250 / 6914	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b> 06-MAY-1981	<b>First Sample Examined:</b> 5400
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10539
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9053
<b>API Well Number:</b> 427044004300	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 5400 - 10350	<b>Water Depth:</b> 108
<b>Public Info Code:</b> Y 02-JUN-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 4566	DEF AT first sample examined	DEF IN 3
5790 / 4863	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6240 / 5208	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6990 / 5775	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9450 / 7994	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10110 / 8633	DEF AT sample gap top	DEF AT 0
10200 / 8721	DEF AT sample gap bottom	DEF AT 0
10350 / 8868	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b> 06-MAY-1981	<b>First Sample Examined:</b> 9070
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10539
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9053
<b>API Well Number:</b> 427044004300	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 9070 - 10308	<b>Water Depth:</b> 108
<b>Public Info Code:</b> Y 02-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9070 / 7628	DEF AT first sample examined	DEF AT 0
9490 / 8033	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10308 / 8827	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 504	Date of Summary: 06-MAY-1981	First Sample Examined: 10330
Lease Number: G03469	Source of Paleo: OPERATOR	Borehole MD: 10539
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9053
API Well Number: 427044004300	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 3 of 4	Sample Range: 10330 - 10510	Water Depth: 108
Public Info Code: Y 02-JUN-1991	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10330 / 8849	DEF AT first sample examined	DEF AT 0
10510 / 9025	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b> 07-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10539
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9053
<b>API Well Number:</b> 427044004300	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 108
<b>Public Info Code:</b> Y 02-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 / 4863	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6240 / 5208	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6990 / 5775	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9490 / 8033	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b> 22-JUL-1981	<b>First Sample Examined:</b> 4900
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8079
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7586
<b>API Well Number:</b> 427044006300	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 4900 - 8079	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 04-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4745	DEF AT first sample examined	DEF IN 3
5260 / 5068	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5890 / 5631	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7120 / 6725	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8079 / 7585	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 504	Date of Summary: 05-OCT-1981	First Sample Examined: 0
Lease Number: G03469	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8079
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7586
API Well Number: 427044006300	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 04-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5260 / 5068	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5890 / 5631	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7120 / 6725	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b> 07-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8079
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7586
<b>API Well Number:</b> 427044006300	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 04-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7120 / 6725	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 504	Date of Summary: 10-SEP-1981	First Sample Examined: 6700
Lease Number: G03469	Source of Paleo: OPERATOR	Borehole MD: 8050
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7590
API Well Number: 427044006500	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 6700 - 7110	Water Depth: 112
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6349	POS AT Miocene	DEF AT 0
7050 / 6670	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7110 / 6725	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 504	<b>Date of Summary:</b> 07-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03469	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8050
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7590
<b>API Well Number:</b> 427044006500	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 28-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 6670	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 504	Date of Summary: 10-MAY-1982	First Sample Examined: 5250
Lease Number: G04554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9110
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7538
API Well Number: 427044005400	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 21-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5250 / 4531	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6210 / 5262	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8040 / 6688	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 510	Date of Summary: 13-AUG-1985	First Sample Examined: 0
Lease Number: G06074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7292
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7290
API Well Number: 427044014900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4640 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5870 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA 512	<b>Date of Summary:</b> 20-OCT-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06075	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14687
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13837
<b>API Well Number:</b> 427044017000	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 28-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 / 8300	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11840 / 11619	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
14480 / 13674	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 517	Date of Summary: 04-FEB-1988	First Sample Examined: 0
Lease Number: G05173	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10100
API Well Number: 427044016800	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 10-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 9015=COVE

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5805 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6435 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7485 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9015 /	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 530	Date of Summary: 21-MAY-1991	First Sample Examined: 0
Lease Number: G10223	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9019
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7491
API Well Number: 427044021900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6358 / 5999	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 552	Date of Summary: 29-AUG-1988	First Sample Examined: 1000
Lease Number: G06082	Source of Paleo: OPERATOR	Borehole MD: 8882
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7496
API Well Number: 427044017500	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 1000 - 8882	Water Depth: 80
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
5140 / 4806	DEF AT - - - - -	DEF AT 3
5470 / 5031	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6250 / 5545	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7270 / 6281	DEF AT sample gap top	DEF AT 0
8019 / 6837	DEF AT sample gap bottom	DEF AT 0
8020 / 6838	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8882 / 7497	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 552	Date of Summary: 08-SEP-1988	First Sample Examined: 0
Lease Number: G06082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8882
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7496
API Well Number: 427044017500	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 5031	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6250 / 5545	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7480 / 6436	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 583	Date of Summary: 28-SEP-1994	First Sample Examined: 0
Lease Number: G08117	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5850
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5850
API Well Number: 427044018900	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 18-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5696 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA 608	Date of Summary: 03-AUG-1984	First Sample Examined: 4550
Lease Number: G06083	Source of Paleo: OPERATOR	Borehole MD: 9375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9375
API Well Number: 427044013100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 /	DEF AT first sample examined	DEF AT 0
5120 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
6260 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6530 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9170 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9375 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 1	<b>Date of Summary:</b> 26-AUG-1991	<b>First Sample Examined:</b> 4525
<b>Lease Number:</b> G10232	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8069
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8068
<b>API Well Number:</b> 427044021300	<b>Drilling Operator:</b> COCKRELL OIL CORPORATION	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4525 - 8093	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 30-SEP-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4525 / 4525	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5120 / 5120	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5780 / 5780	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6140 / 6140	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8093 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 7	Date of Summary: 28-SEP-1983	First Sample Examined: 0
Lease Number: G04558	Source of Paleo: OPERATOR	Borehole MD: 13109
Well Name: 004	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11614
API Well Number: 427044011600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7700 - 13094	Water Depth: 120
Public Info Code: Y 14-OCT-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 /	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
7820 /	DEF AT -----	DEF AT 1
9440 /	POS AT -----	DEF AT 1
9530 /	DEF AT -----	DEF AT 1
9770 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
9830 /	DEF AT -----	DEF AT 1
10970 /	POS AT -----	DEF AT 1
11030 /	DEF AT -----	DEF AT 1
11630 /	POS AT -----	DEF AT 1
11690 /	DEF AT -----	DEF AT 1
11750 /	POS AT -----	DEF AT 1
12020 /	DEF AT -----	DEF AT 1
12140 /	POS AT -----	DEF AT 1
12200 /	DEF AT -----	DEF AT 1
12320 /	POS AT -----	DEF AT 2
12590 /	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 7	Date of Summary: 08-AUG-1981	First Sample Examined: 9000
Lease Number: G04558	Source of Paleo: OPERATOR	Borehole MD: 16887
Well Name: A001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 16289
API Well Number: 427044005500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 9000 - 16887	Water Depth: 126
Public Info Code: Y 26-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF AT 2
9030 / 9029	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9090 / 9089	DEF AT -----	DEF AT 1
9210 / 9209	DEF AT -----	DEF AT 2
9600 / 9599	DEF AT -----	DEF AT 1
9750 / 9749	DEF AT -----	DEF AT 2
9810 / 9809	DEF AT -----	DEF AT 1
9990 / 9989	DEF AT -----	DEF AT 2
10200 /10199	DEF AT -----	DEF AT 1
10890 /10889	DEF AT -----	DEF AT 2
11010 /11009	POS AT -----	DEF AT 3
11160 /11159	DEF AT -----	DEF AT 2
11280 /11278	DEF AT -----	DEF AT 1
11610 /11608	DEF AT -----	DEF AT 2
11700 /11698	DEF AT sample gap top	DEF AT 0
11759 /11757	DEF AT sample gap bottom	DEF AT 0
11760 /11758	DEF AT cement	DEF AT 0
11880 /11878	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12000 /11997	DEF AT -----	DEF AT 1
15110 /14843	POS AT -----	DEF AT 2
15300 /14995	DEF AT -----	DEF AT 1
15390 /15067	POS AT -----	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 7	<b>Date of Summary:</b> 08-AUG-1981	<b>First Sample Examined:</b> 9000
<b>Lease Number:</b> G04558	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16887
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 16289
<b>API Well Number:</b> 427044005500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9000 - 16887	<b>Water Depth:</b> 126
<b>Public Info Code:</b> Y 26-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15840 /15430	DEF AT -----	DEF AT 2
15900 /15479	DEF AT -----	DEF AT 1
16020 /15577	DEF AT -----	DEF AT 2
16050 /15601	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 7	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G04558	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16887
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16289
API Well Number: 427044005500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 26-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4970	POS AT Miocene	DEF AT 0
6770 / 6770	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9020 / 9019	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11160 / 11159	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 7	<b>Date of Summary:</b> 07-MAY-1982	<b>First Sample Examined:</b> 10700
<b>Lease Number:</b> G04558	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14265
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 13368
<b>API Well Number:</b> 427044007300	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 10700 - 11390	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 28-MAY-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 /10555	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
11060 /10858	POS AT -----	DEF AT 2
11090 /10884	DEF AT -----	DEF AT 2
11120 /10909	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
11600 /11305	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14265 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 7	Date of Summary: 07-MAY-1982	First Sample Examined: 10700
Lease Number: G04558	Source of Paleo: OPERATOR	Borehole MD: 14265
Well Name: A002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 13368
API Well Number: 427044007300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 2 of 3	Sample Range: 10700 - 14265	Water Depth: 125
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
10700 /10555	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
11100 /10892	POS AT -----	DEF AT 2
11120 /10909	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
11600 /11305	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12080 /11692	DEF AT -----	DEF AT 1
12140 /11739	DEF AT -----	DEF AT 2
12530 /12027	DEF AT -----	DEF AT 1
12590 /12070	POS AT -----	DEF AT 2
12710 /12158	DEF AT -----	DEF AT 1
14210 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 7	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04558	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14265
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13368
API Well Number: 427044007300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11919 /11563	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12548 /12040	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13100 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 7	<b>Date of Summary:</b> 17-JAN-1983	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G04558	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14983
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 14396
<b>API Well Number:</b> 427044008900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10000 - 14983	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 17-FEB-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9752	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
10060 / 9808	DEF AT -----	DEF AT 2
10330 /10060	DEF AT -----	DEF AT 1
10990 /10671	DEF AT -----	DEF AT 2
11590 /11220	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
11620 /11247	POS AT -----	DEF AT 3
11740 /11357	DEF AT -----	DEF AT 2
12130 /11711	DEF AT -----	DEF AT 1
12190 /11766	POS AT unconformity	DEF AT 0
12191 /11767	DEF AT -----	DEF AT 1
14950 /14366	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 7	Date of Summary: 16-JAN-1984	First Sample Examined: 0
Lease Number: G04558	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14983
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14396
API Well Number: 427044008900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 17-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4970	POS AT Upper (Late) Miocene	DEF AT 0
4971 / 4971	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4972 / 4972	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9010 / 8842	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11285 / 10942	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 16	Date of Summary: 05-SEP-1984	First Sample Examined: 0
Lease Number: G05174	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8552
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8552
API Well Number: 427044011700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 01-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 / 4550	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4880 / 4880	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5350 / 5350	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5700 / 5700	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7375 / 7374	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 17	Date of Summary:	First Sample Examined: 0
Lease Number: G02658	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427044001600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 20-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 / 1350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2010 / 2010	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
2310 / 2310	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
2700 / 2700	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
2701 / 2701	POS AT Pliocene	DEF AT 0
3480 / 3480	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
3610 / 3610	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4710 / 4710	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4930 / 4930	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5170 / 5170	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5560 / 5560	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6400 / 6400	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 17	Date of Summary: 12-SEP-1980	First Sample Examined: 0
Lease Number: G02658	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9751
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8233
API Well Number: 427044003100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 20-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2150 / 2110	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3210 / 3003	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7605 / 6455	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 19	Date of Summary: 30-APR-1980	First Sample Examined: 6980
Lease Number: G03936	Source of Paleo: OPERATOR	Borehole MD: 17125
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 17125
API Well Number: 427044003000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 6980 - 16800	Water Depth: 132
Public Info Code: Y 08-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6980	DEF AT first sample examined	DEF AT 0
9870 / 9870	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13823 /13822	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
16800 /16785	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 20	Date of Summary: 17-APR-1978	First Sample Examined: 4150
Lease Number: G03472	Source of Paleo: OPERATOR	Borehole MD: 12647
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12647
API Well Number: 427044001500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 4150 - 12647	Water Depth: 120
Public Info Code: Y 06-MAY-1988	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 4150	DEF AT first sample examined	DEF AT 0
8530 / 8530	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11080 / 11080	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12647 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 20	Date of Summary: 21-AUG-1981	First Sample Examined: 10790
Lease Number: G03472	Source of Paleo: OPERATOR	Borehole MD: 11975
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11836
API Well Number: 427044005900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 10790 - 12150	Water Depth: 125
Public Info Code: Y 11-JUL-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10790 /10663	DEF AT first sample examined	DEF AT 0
11180 /11048	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12150 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 20	<b>Date of Summary:</b> 27-JAN-1982	<b>First Sample Examined:</b> 8330
<b>Lease Number:</b> G03472	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13360
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12453
<b>API Well Number:</b> 427044006400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8330 - 13320	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 01-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8330 / 8305	DEF AT first sample examined	DEF AT 0
13020 /12191	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13320 /12428	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 20	Date of Summary: 06-MAY-1982	First Sample Examined: 0
Lease Number: G03472	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13360
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12453
API Well Number: 427044006400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 01-DEC-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13020 /12191	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 20	<b>Date of Summary:</b> 04-JAN-1979	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G03472	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17500
<b>Well Name:</b> JA001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17483
<b>API Well Number:</b> 427044001700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7000 - 17440	<b>Water Depth:</b> 131
<b>Public Info Code:</b> Y 12-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF AT 0
9610 / 9607	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13649 /13643	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
17440 /17423	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 22	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: G03937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12255
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12255
API Well Number: 427044004800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 14-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3685 / 3685	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
3935 / 3935	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4148 / 4148	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5632 / 5632	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
7100 / 7100	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9755 / 9754	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 22	Date of Summary: 10-FEB-1980	First Sample Examined: 0
Lease Number: G03937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14153
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13674
API Well Number: 427044009700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 131
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 19-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6419 / 6367	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
7930 / 7804	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10992 /10717	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13050 /12653	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 23	Date of Summary: 30-NOV-1979	First Sample Examined: 7530
Lease Number: G03938	Source of Paleo: OPERATOR	Borehole MD: 14908
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14908
API Well Number: 427044002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 7530 - 14908	Water Depth: 134
Public Info Code: Y 05-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 7530	DEF AT first sample examined	DEF AT 0
8810 / 8810	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10920 /10919	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
14880 /14851	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14908 /14879	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 23	Date of Summary: 23-FEB-1983	First Sample Examined: 11971
Lease Number: G03938	Source of Paleo: OPERATOR	Borehole MD: 12420
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 11668
API Well Number: 427044010700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 11971 - 12420	Water Depth: 131
Public Info Code: Y 26-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11971 /11267	DEF AT first sample examined	DEF AT 0
12420 /11668	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 23	Date of Summary: 18-APR-1983	First Sample Examined: 13087
Lease Number: G03938	Source of Paleo: OPERATOR	Borehole MD: 13441
Well Name: JA003	Paleo Done By: OPERATOR	Borehole TVD: 12848
API Well Number: 427044010800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 13087 - 13441	Water Depth: 131
Public Info Code: Y 22-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13087 /12518	DEF AT first sample examined	DEF AT 0
13316 /12732	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13441 /12849	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 23	Date of Summary: 16-DEC-1983	First Sample Examined: 13243
Lease Number: G03938	Source of Paleo: OPERATOR	Borehole MD: 14379
Well Name: JB001	Paleo Done By: OPERATOR	Borehole TVD: 13687
API Well Number: 427044010400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 13243 - 14379	Water Depth: 120
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13243 /12632	DEF AT first sample examined	DEF AT 0
14280 /13604	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14379 /13695	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 27	Date of Summary: 22-AUG-1988	First Sample Examined: 0
Lease Number: G08121	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9084
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9084
API Well Number: 427044017400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 146
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4570 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4870 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5800 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6310 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8230 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 28	Date of Summary: 20-OCT-1977	First Sample Examined: 400
Lease Number: G02659	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13350
Well Name: 001	Paleo Done By: LOUISE DRAPER	Borehole TVD: 13350
API Well Number: 427044001200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 400 - 13330	Water Depth: 154
Public Info Code: Y 07-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
400 /	POS AT first sample examined	DEF IN 2
1330 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1630 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
2120 /	POS AT faunal change (no faunal increase)	DEF AT 3
2420 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4220 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4580 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4581 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4760 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6050 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6680 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7170 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9060 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11370 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11520 /	POS AT deepwater facies Harang	DEF AT 4
13330 /	POS AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 28	<b>Date of Summary:</b> 08-SEP-1982	<b>First Sample Examined:</b> 3600
<b>Lease Number:</b> G02659	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8350
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8350
<b>API Well Number:</b> 427044007000	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3600 - 8350	<b>Water Depth:</b> 148
<b>Public Info Code:</b> Y 07-OCT-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 /	DEF AT first sample examined	DEF IN 4
3630 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4800 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
4920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
5790 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
6090 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8350 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 28	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02659	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8350
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 8350
API Well Number: 427044007000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 07-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5790 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5940 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 28	<b>Date of Summary:</b> 01-OCT-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02659	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10270
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9107
<b>API Well Number:</b> 427044004000	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 150
<b>Public Info Code:</b> Y 07-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4598	POS AT Miocene	DEF AT 0
4971 / 4599	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4972 / 4599	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 28	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02659	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9652
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8371
API Well Number: 427044004600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 07-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5207 / 4717	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 39	Date of Summary: 22-JAN-1982	First Sample Examined: 5800
Lease Number: G04559	Source of Paleo: OPERATOR	Borehole MD: 17382
Well Name: A001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 17361
API Well Number: 427044005700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 1 of 3	Sample Range: 5800 - 17965	Water Depth: 135
Public Info Code: Y 12-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5800 / 5800	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
7330 / 7330	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8050 / 8050	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8770 / 8770	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
9220 / 9220	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9850 / 9850	DEF AT local marker benthic foram increase	DEF AT 2
10660 /10660	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11380 /11380	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
11900 /11900	DEF AT -----	DEF AT 3
13480 /13480	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14400 /14400	DEF AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 39	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G04559	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17382
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17361
API Well Number: 427044005700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 12-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5024 / 5024	POS AT Miocene	DEF AT 0
5025 / 5025	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5026 / 5026	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7170 / 7170	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9910 / 9910	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12930 / 12930	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13655 / 13655	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 39	Date of Summary: 16-FEB-1984	First Sample Examined: 0
Lease Number: G04559	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17382
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17361
API Well Number: 427044005700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 12-FEB-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5025 / 5025	DEF AT Upper (Late) Miocene	DEF AT 0
7170 / 7170	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9910 / 9910	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12930 / 12930	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
17001 / 16983	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 39	Date of Summary: 03-FEB-1983	First Sample Examined: 10000
Lease Number: G04559	Source of Paleo: OPERATOR	Borehole MD: 18322
Well Name: A002	Paleo Done By: DAVID L. DUNN	Borehole TVD: 17963
API Well Number: 427044009300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 10000 - 18300	Water Depth: 130
Public Info Code: Y 26-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack?

MD / TVD	Paleo Top Description	Ecozone
10000 /10000	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10350 /10350	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
10630 /10630	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
11530 /11530	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12000 /11996	DEF AT -----	DEF AT 3
13570 /13500	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14500 /14370	DEF AT -----	DEF AT 2
17880 /17542	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
17900 /17561	POS AT unconformity	DEF AT 2
17940 /17599	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
18200 /17846	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 39	Date of Summary: 21-JUL-1983	First Sample Examined: 0
Lease Number: G04559	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18322
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 17963
API Well Number: 427044009300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 26-FEB-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5035 / 5035	POS AT Miocene	DEF AT 0
5036 / 5036	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5037 / 5037	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7175 / 7175	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9915 / 9915	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12985 / 12951	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 39	<b>Date of Summary:</b> 08-NOV-1983	<b>First Sample Examined:</b> 10400
<b>Lease Number:</b> G04559	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18150
<b>Well Name:</b> A003	<b>Paleo Done By:</b> DAVID L. DUNN	<b>Borehole TVD:</b> 17847
<b>API Well Number:</b> 427044011000	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10400 - 18150	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 07-DEC-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /10397	DEF AT first sample examined	DEF AT 2
10401 /10398	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10580 /10576	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
11570 /11534	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12650 /12572	DEF AT faunal change (no faunal increase)	DEF AT 3
13730 /13624	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14550 /14408	DEF AT faunal change (no faunal increase)	DEF AT 2
15000 /14837	DEF AT faunal change (no faunal increase)	DEF AT 1
15200 /15027	POS AT non-marine sediment	DEF AT 0
15500 /15313	POS AT non-marine sediment	DEF AT 0
16040 /15829	DEF AT non-marine sediment	DEF AT 0
17750 /17470	DEF AT faunal change (no faunal increase)	DEF AT 1
18150 /17857	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 47	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G03940	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10846
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10846
API Well Number: 427054006900	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 27-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4560	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
5670 / 5670	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8520 / 8520	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
9390 / 9390	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 47	Date of Summary: 11-NOV-1988	First Sample Examined: 0
Lease Number: G03940	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11700
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8876
API Well Number: 427054007600	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 22-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 3669	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7070 / 5561	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8630 / 6680	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11230 / 8562	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 47	<b>Date of Summary:</b> 02-DEC-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03940	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10300
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9697
<b>API Well Number:</b> 427054007700	<b>Drilling Operator:</b> TEXASGULF MINERALS AND METALS, INCORPORATE	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 141
<b>Public Info Code:</b> Y 25-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5775 / 5729	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9940 / 9369	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 70	Date of Summary: 26-JUN-1980	First Sample Examined: 0
Lease Number: G02663	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14237
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14237
API Well Number: 427054006400	Drilling Operator: OXY USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 08-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10092 /10088	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11200 /11195	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 70	<b>Date of Summary:</b> 12-AUG-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02663	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12422
<b>Well Name:</b> A013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9732
<b>API Well Number:</b> 427054003601	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 18-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10332 / 8258	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10726 / 8537	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 76 <b>Lease Number:</b> G01752 <b>Well Name:</b> 001 <b>API Well Number:</b> 427050000500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 29-AUG-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE <b>Paleo Done By:</b> LEE LATTA <b>Drilling Operator:</b> OXY USA INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12513 <b>Borehole TVD:</b> 12513 <b>Rkb Elevation:</b> 65 <b>Water Depth:</b> 168 <b>Paleo ID:</b> 001
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**Remark:** Paleo determined by log correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
1790 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0
2540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
3220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4330 /	POS AT Upper (Late) Miocene	DEF AT 0
6300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8040 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10085 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 76 <b>Lease Number:</b> G01752 <b>Well Name:</b> A001 <b>API Well Number:</b> 427053000300 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 29-AUG-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE <b>Paleo Done By:</b> LEE LATTA <b>Drilling Operator:</b> OXY USA INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11320 <b>Borehole TVD:</b> 11315 <b>Rkb Elevation:</b> 92 <b>Water Depth:</b> 168 <b>Paleo ID:</b> 001
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**Remark:** Paleo determined by log correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
1820 /	DEF AT local marker (general)	DEF AT 0
2520 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
3210 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4340 /	POS AT Upper (Late) Miocene	DEF AT 0
6380 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8200 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 76	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01752	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 11320
<b>Well Name:</b> A001	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 11315
<b>API Well Number:</b> 427053000300	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 168
<b>Public Info Code:</b> Y 29-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: 2550=base; 4025=T; TD=11320

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2550 /	POS AT Pleistocene	DEF AT 0
4025 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 79	Date of Summary: 13-DEC-1989	First Sample Examined: 8000
Lease Number: G07234	Source of Paleo: OPERATOR	Borehole MD: 16918
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16918
API Well Number: 427054011900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 8000 - 16918	Water Depth: 165
Public Info Code: Y 18-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 8000	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9020 / 9019	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9950 / 9949	DEF AT - - - - -	DEF AT 4
12980 / 12979	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
13400 / 13399	DEF AT sample gap top	DEF AT 0
14000 / 13999	DEF AT sample gap bottom	DEF AT 0
16918 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 79	Date of Summary: 16-JAN-1990	First Sample Examined: 0
Lease Number: G07234	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16918
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16918
API Well Number: 427054011900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 18-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 9019	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12980 / 12979	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 105	<b>Date of Summary:</b> 30-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01757	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16779
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16749
<b>API Well Number:</b> 427054007000	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 24-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10720 /10719	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13625 /13622	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 118	<b>Date of Summary:</b> 09-AUG-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06090	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10941
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10941
<b>API Well Number:</b> 427054011400	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 57
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 24-AUG-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5160 /	POS AT Pliocene	DEF AT 0
8430 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 26-NOV-1979	First Sample Examined: 480
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 17239
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17239
API Well Number: 427054006100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
480 / 480	DEF AT -----	DEF AT 2
960 / 960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1140 / 1140	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
1320 / 1320	DEF AT local marker foram increase	DEF AT 3
1560 / 1560	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1920 / 1920	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
2100 / 2100	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2340 / 2340	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2640 / 2640	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
3060 / 3059	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3300 / 3299	DEF AT -----	DEF AT 2
3660 / 3659	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4020 / 4019	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4140 / 4139	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4440 / 4439	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
4590 / 4589	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4680 / 4679	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5160 / 5159	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5340 / 5339	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5910 / 5909	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6330 / 6329	DEF AT sample gap top	DEF AT 0
6749 / 6748	DEF AT sample gap bottom	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 26-NOV-1979	First Sample Examined: 480
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 17239
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17239
API Well Number: 427054006100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6749	DEF AT -----	DEF AT 2
6780 / 6779	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8820 / 8818	DEF AT -----	DEF AT 3
9030 / 9028	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
9120 / 9118	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9390 / 9388	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9420 / 9418	DEF AT Cyclammina sp. (local marker)	DEF AT 3
11220 / 11218	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14790 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
15030 /	DEF AT sample gap top	DEF AT 0
15150 /	DEF AT sample gap bottom	DEF AT 0
17160 /	DEF AT -----	DEF AT 2
17239 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 09-APR-1979	First Sample Examined: 0
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 18267
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 18267
API Well Number: 427054005600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
12840 /12839	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13980 /13977	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
15510 /15506	DEF AT sample gap top	DEF AT 0
15840 /15836	DEF AT sample gap bottom	DEF AT 0
16080 /16076	DEF AT -----	DEF AT 2
17670 /17656	DEF AT poor sample interval top	DEF AT 2
18180 /18153	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
18269 /	DEF AT poor sample interval bottom	DEF AT 2
18270 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 12-JUL-1983	First Sample Examined: 0
Lease Number: G02664	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18267
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 18267
API Well Number: 427054005600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2130 / 2130	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
2131 / 2131	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
2730 / 2730	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
3510 / 3510	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4560 / 4560	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5640 / 5640	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 0
7830 / 7830	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9180 / 9180	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13950 / 13947	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
18180 / 18153	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 30-APR-1981	First Sample Examined: 460
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 17167
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16682
API Well Number: 427054007300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 5	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
460 / 460	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
520 / 520	DEF AT -----	DEF AT 2
1060 / 1060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1300 / 1300	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
1540 / 1537	DEF AT -----	DEF AT 2
2020 / 1991	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2260 / 2212	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2620 / 2544	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2860 / 2765	DEF AT -----	DEF AT 2
3280 / 3151	DEF AT -----	DEF AT 3
3400 / 3261	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3700 / 3537	DEF AT -----	DEF AT 2
4480 / 4257	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4890 / 4638	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5370 / 5066	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
5940 / 5581	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6990 / 6547	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7590 / 7134	DEF AT -----	DEF AT 2
7620 / 7164	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8040 / 7580	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9000 / 8538	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
9240 / 8778	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 30-APR-1981	First Sample Examined: 460
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 17167
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16682
API Well Number: 427054007300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 5	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9270 / 8808	POS AT Middle Miocene (Serravallian) Globorotalia foehsi robusta	DEF AT 3
9540 / 9078	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11100 / 10637	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 09-JUN-1981	First Sample Examined: 11040
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 17167
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16682
API Well Number: 427054007300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 5	Sample Range: 11040 - 13470	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11040 /10577	DEF AT first sample examined	DEF AT 3
11100 /10637	DEF AT - - - - -	DEF AT 3
12390 /11924	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13020 /12552	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13410 /12938	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13470 /12997	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 25-NOV-1981	First Sample Examined: 10968
Lease Number: G02664	Source of Paleo: OPERATOR	Borehole MD: 17167
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16682
API Well Number: 427054007300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 3 of 5	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10968 /10506	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11060 /10597	DEF AT sample gap top	DEF AT 0
11170 /10707	DEF AT sample gap bottom	DEF AT 0
13000 /12532	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13450 /12978	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14260 /13779	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
15370 /14887	DEF AT -----	DEF AT 2
16780 /16296	DEF AT -----	DEF AT 3
17080 /	DEF AT sample gap top	DEF AT 0
17110 /	DEF AT sample gap bottom	DEF AT 0
17111 /	DEF AT poor sample interval top	DEF AT 0
17139 /	DEF AT poor sample interval bottom	DEF AT 0
17140 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BA A 132	<b>Date of Summary:</b> 07-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02664	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17167
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16682
<b>API Well Number:</b> 427054007300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 4 of 5	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 202
<b>Public Info Code:</b> Y 20-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 005

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3261	POS AT Pliocene	DEF AT 0
4890 / 4638	POS AT Upper (Late) Miocene	DEF AT 0
8040 / 7580	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 132	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02664	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17167
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16682
API Well Number: 427054007300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 5 of 5	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 20-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 / 1060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2020 / 1991	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
3400 / 3261	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4480 / 4257	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
5940 / 5581	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8040 / 7580	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9240 / 8778	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
11040 / 10577	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13450 / 12978	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
14260 / 13779	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BA A 133	Date of Summary: 18-FEB-1986	First Sample Examined: 0
Lease Number: G02665	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13521
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13521
API Well Number: 427054007800	Drilling Operator: OXY USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 10-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
1720 / 1720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
2440 / 2440	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4420 / 4420	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5360 / 5360	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6470 / 6469	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8180 / 8179	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
8480 / 8479	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9140 / 9138	DEF AT local marker benthic foram increase	DEF AT 0
9500 / 9498	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
11060 / 11057	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 29-SEP-1981	First Sample Examined: 4030
Lease Number: G04491	Source of Paleo: OPERATOR	Borehole MD: 10900
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10900
API Well Number: 177264001600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4030 - 10870	Water Depth: 10
Public Info Code: Y 01-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4030 / 4029	DEF AT cement	DEF AT 2
5350 / 5348	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5860 / 5858	DEF AT glauconite	DEF AT 3
5861 / 5859	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6280 / 6278	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
7060 / 7058	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
7420 / 7418	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
7690 / 7688	DEF AT -----	DEF AT 3
8470 / 8468	DEF AT -----	DEF AT 4
8950 / 8948	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9490 / 9488	DEF AT Eggerella sp. (local marker)	DEF AT 5
10870 / 10868	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G04491	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10900
API Well Number: 177264001600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 01-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5350 / 5348	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5860 / 5858	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7060 / 7058	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
7420 / 7418	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8950 / 8948	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 28-DEC-1981	First Sample Examined: 3670
Lease Number: G04491	Source of Paleo: OPERATOR	Borehole MD: 10122
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9366
API Well Number: 177264001900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 3670 - 10120	Water Depth: 18
Public Info Code: Y 07-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3669	DEF AT first sample examined	DEF AT 2
6010 / 5869	DEF AT - - - - -	DEF AT 3
6190 / 6024	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6191 / 6025	DEF AT glauconite	DEF AT 3
7960 / 7527	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
8320 / 7828	DEF AT - - - - -	DEF AT 3
9970 / 9238	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10120 / 9364	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BS 54	<b>Date of Summary:</b> 12-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04491	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10122
<b>Well Name:</b> B002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9366
<b>API Well Number:</b> 177264001900	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 18
<b>Public Info Code:</b> Y 07-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 / 6024	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7960 / 7527	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
9950 / 9221	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 18-JAN-1982	First Sample Examined: 3500
Lease Number: G04491	Source of Paleo: OPERATOR	Borehole MD: 9751
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9354
API Well Number: 177264002000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9710	Water Depth: 17
Public Info Code: Y 31-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3393	DEF AT first sample examined	DEF AT 2
6199 / 5934	DEF AT glauconite	DEF AT 3
6200 / 5935	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6260 / 5992	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7460 / 7142	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
7820 / 7488	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
7970 / 7632	DEF AT faunal change (no faunal increase)	DEF AT 3
8870 / 8500	DEF AT faunal change (no faunal increase)	DEF AT 4
9020 / 8645	DEF AT faunal change (no faunal increase)	DEF AT 3
9410 / 9024	DEF AT faunal change (no faunal increase)	DEF AT 4
9470 / 9082	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9710 / 9316	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 03-MAR-1982	First Sample Examined: 3270
Lease Number: G04491	Source of Paleo: OPERATOR	Borehole MD: 9532
Well Name: B004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9138
API Well Number: 177264002200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 3270 - 9480	Water Depth: 18
Public Info Code: Y 24-MAR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3270 / 3185	DEF AT first sample examined	DEF AT 1
5010 / 4815	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6090 / 5837	DEF AT -----	DEF AT 3
6210 / 5952	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7710 / 7384	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7740 / 7413	DEF AT -----	DEF AT 4
7860 / 7528	DEF AT -----	DEF AT 3
8940 / 8566	DEF AT Cyclamina sp. (local marker)	DEF AT 4
8941 / 8567	DEF AT Eggerella sp. (local marker)	DEF AT 4
9390 / 9000	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
9480 / 9087	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G04491	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9532
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 9138
API Well Number: 177264002200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 24-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4815	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6210 / 5952	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7710 / 7384	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9400 / 9010	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 30-JUL-1981	First Sample Examined: 4000
Lease Number: G04492	Source of Paleo: OPERATOR	Borehole MD: 11609
Well Name: B005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10474
API Well Number: 177264001400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 27
Paleo Report Num: 1 of 3	Sample Range: 4000 - 11560	Water Depth: 15
Public Info Code: Y 04-AUG-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5140 / 5127	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5890 / 5834	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7340 / 7045	DEF AT -----	DEF AT 4
7390 / 7086	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
7720 / 7353	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
8830 / 8237	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9400 / 8698	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10110 / 9270	DEF AT -----	DEF AT 5
10120 / 9278	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11560 / 10439	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 54	Date of Summary: 08-JAN-1982	First Sample Examined: 0
Lease Number: G04492	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11609
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 10474
API Well Number: 177264001400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 27
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 04-AUG-1991	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 5174	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7720 / 7353	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
9400 / 8698	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10120 / 9278	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BS 54	<b>Date of Summary:</b> 12-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04492	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11609
<b>Well Name:</b> B005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10474
<b>API Well Number:</b> 177264001400	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 27
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 15
<b>Public Info Code:</b> Y 04-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 5174	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7720 / 7353	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
9400 / 8698	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 55	Date of Summary: 12-NOV-1981	First Sample Examined: 3530
Lease Number: G04492	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: C002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9699
API Well Number: 177264001800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3530 - 9650	Water Depth: 27
Public Info Code: Y 20-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 /	DEF AT first sample examined	DEF AT 1
5060 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5840 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6560 /	DEF AT -----	DEF AT 3
7400 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
7460 /	DEF AT -----	DEF AT 3
9530 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
9650 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BS 55	<b>Date of Summary:</b> 15-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04492	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9700
<b>Well Name:</b> C002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9699
<b>API Well Number:</b> 177264001800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 20-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7400 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
9530 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 55	Date of Summary: 12-NOV-1981	First Sample Examined: 5300
Lease Number: G04492	Source of Paleo: OPERATOR	Borehole MD: 9821
Well Name: C002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9426
API Well Number: 177264001801	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5300 - 9790	Water Depth: 27
Public Info Code: Y 09-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5300	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5930 / 5916	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6590 / 6528	DEF AT -----	DEF AT 3
7550 / 7373	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
7760 / 7556	DEF AT -----	DEF AT 3
9790 / 9398	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: BS 55	Date of Summary: 08-JUN-1982	First Sample Examined: 3130
Lease Number: G04492	Source of Paleo: OPERATOR	Borehole MD: 9941
Well Name: C003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9161
API Well Number: 177264002100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3100 - 9910	Water Depth: 27
Public Info Code: Y 07-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3059	DEF AT first sample examined	DEF AT 1
6190 / 5859	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7030 / 6621	DEF AT local marker (general)	DEF AT 3
8020 / 7507	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8080 / 7560	DEF AT -----	DEF AT 3
9910 / 9156	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> BS 55	<b>Date of Summary:</b> 06-JUN-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04492	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9941
<b>Well Name:</b> C003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9161
<b>API Well Number:</b> 177264002100	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 07-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 / 5859	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6191 / 5860	DEF AT glauconite	DEF AT 0
8020 / 7507	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 17	Date of Summary: 01-JUL-1982	First Sample Examined: 1708
Lease Number: G04493	Source of Paleo: OPERATOR	Borehole MD: 6319
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4377
API Well Number: 177284000700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1708 - 6290	Water Depth: 60
Public Info Code: Y 06-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1708 / 1653	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3170 / 2777	DEF AT -----	DEF AT 2
3200 / 2796	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3260 / 2832	DEF AT -----	DEF AT 1
4430 / 3457	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5120 / 3812	DEF AT glauconite	DEF AT 2
6290 / 4387	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 17	Date of Summary: 01-JUL-1982	First Sample Examined: 1720
Lease Number: G04493	Source of Paleo: OPERATOR	Borehole MD: 6545
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4733
API Well Number: 177284000800	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1720 - 6520	Water Depth: 48
Public Info Code: Y 14-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1720 / 1646	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3040 / 2622	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3220 / 2734	DEF AT -----	DEF AT 1
4270 / 3364	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4810 / 3675	DEF AT glauconite	DEF AT 2
6520 / 4718	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 18	Date of Summary: 05-MAR-1985	First Sample Examined: 0
Lease Number: G06838	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5000
API Well Number: 177284001900	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 18-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 18	Date of Summary: 05-MAR-1985	First Sample Examined: 0
Lease Number: G06838	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6395
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4918
API Well Number: 177284002000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 18-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5414 / 4211	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 20	Date of Summary: 10-JUL-1990	First Sample Examined: 0
Lease Number: G10915	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4874
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4870
API Well Number: 177284004300	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3938 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 23	Date of Summary: 11-SEP-1989	First Sample Examined: 1020
Lease Number: G09729	Source of Paleo: OPERATOR	Borehole MD: 6140
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6077
API Well Number: 177284004100	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 1020 - 6140	Water Depth: 75
Public Info Code: Y 30-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1020 / 1020	DEF AT first sample examined	DEF IN 1
1410 / 1410	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3030 / 2994	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4440 / 4379	DEF AT -----	DEF AT 3
5130 / 5068	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6140 / 6078	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> CA 25	<b>Date of Summary:</b> 21-JAN-1982	<b>First Sample Examined:</b> 800
<b>Lease Number:</b> G04494	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6010
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6010
<b>API Well Number:</b> 177284000300	<b>Drilling Operator:</b> FOUR STAR OIL & GAS COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 800 - 5990	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 06-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=original hole and sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	DEF AT first sample examined	DEF AT 2
1550 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1640 /	DEF AT - - - - -	DEF AT 2
3020 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3440 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3710 /	DEF AT glauconite	DEF AT 3
3711 /	POS AT unconformity	DEF AT 3
3712 /	POS AT fault	DEF AT 3
4400 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5300 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
5990 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 25	Date of Summary: 20-JUL-1982	First Sample Examined: 0
Lease Number: G04494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6010
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6010
API Well Number: 177284000300	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 06-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4192 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 25	Date of Summary: 25-MAY-1982	First Sample Examined: 1660
Lease Number: G04494	Source of Paleo: OPERATOR	Borehole MD: 5577
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4850
API Well Number: 177284000400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 1660 - 5530	Water Depth: 54
Public Info Code: Y 03-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1660 / 1646	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3400 / 3076	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4030 / 3582	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4180 / 3703	DEF AT glauconite	DEF AT 2
5110 / 4470	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5530 / 4826	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 25	Date of Summary: 12-JUL-1982	First Sample Examined: 0
Lease Number: G04494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5577
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4850
API Well Number: 177284000400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 03-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4208	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> CA 25	<b>Date of Summary:</b> 02-MAR-1982	<b>First Sample Examined:</b> 807
<b>Lease Number:</b> G04494	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5775
<b>Well Name:</b> A003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4852
<b>API Well Number:</b> 177284000500	<b>Drilling Operator:</b> FOUR STAR OIL & GAS COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 807 - 5740	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 04-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
807 / 807	DEF AT first sample examined	DEF AT 1
1000 / 1000	DEF AT shell fragments	DEF AT 1
1600 / 1587	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3760 / 3331	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4330 / 3756	DEF AT glauconite	DEF AT 1
5140 / 4367	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
5740 / 4824	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> CA 25	<b>Date of Summary:</b> 25-MAY-1982	<b>First Sample Examined:</b> 1750
<b>Lease Number:</b> G04494	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6700
<b>Well Name:</b> A004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4394
<b>API Well Number:</b> 177284000600	<b>Drilling Operator:</b> FOUR STAR OIL & GAS COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1750 - 6610	<b>Water Depth:</b> 54
<b>Public Info Code:</b> Y 19-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 / 1650	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4030 / 2975	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5050 / 3536	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5470 / 3757	DEF AT glauconite	DEF AT 2
6610 / 4347	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 25	Date of Summary: 20-JUL-1982	First Sample Examined: 0
Lease Number: G04494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5784
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 4450
API Well Number: 177284000601	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 25-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5325 / 4151	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> CA 32	<b>Date of Summary:</b> 27-DEC-1989	<b>First Sample Examined:</b> 3060
<b>Lease Number:</b> G10916	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8340
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7996
<b>API Well Number:</b> 177284004200	<b>Drilling Operator:</b> POGO PRODUCING COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3060 - 8340	<b>Water Depth:</b> 59
<b>Public Info Code:</b> Y 30-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 2977	DEF AT first sample examined	DEF IN 1
3450 / 3343	DEF AT - - - - -	DEF AT 2
6180 / 5929	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6210 / 5957	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
8340 / 7996	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> CA 32	<b>Date of Summary:</b> 16-JAN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10916	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8340
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7996
<b>API Well Number:</b> 177284004200	<b>Drilling Operator:</b> POGO PRODUCING COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 59
<b>Public Info Code:</b> Y 30-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 2977	DEF AT -----	DEF AT 1
3450 / 3343	DEF AT -----	DEF AT 2
6180 / 5929	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6210 / 5957	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
8340 / 7996	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 42	Date of Summary: 25-MAY-1989	First Sample Examined: 1990
Lease Number: G09732	Source of Paleo: OPERATOR	Borehole MD: 6051
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5500
API Well Number: 177294000800	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 1990 - 6050	Water Depth: 125
Public Info Code: Y 13-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1990 / 1930	DEF AT first sample examined	DEF IN 1
2290 / 2199	DEF AT sample gap top	DEF AT 0
2409 / 2304	DEF AT sample gap bottom	DEF AT 0
2410 / 2305	DEF AT -----	DEF AT 2
3220 / 3017	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3700 / 3439	DEF AT -----	DEF AT 3
4000 / 3701	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5470 / 4985	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
5530 / 5037	DEF AT -----	DEF AT 4
6050 / 5500	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: CA 42	Date of Summary: 06-JUN-1989	First Sample Examined: 0
Lease Number: G09732	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6051
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177294000800	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 13-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2177 / 2098	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DC 512	Date of Summary:	First Sample Examined: 4860
Lease Number: G06472	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12300
API Well Number: 608234000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 4860 - 0	Water Depth: 1976
Public Info Code: Y 27-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4860 / 4859	DEF AT first sample examined	DEF AT 1
4861 / 4860	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT 1
5370 / 5369	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
6420 / 6419	DEF IN Lower Cretaceous Albian Stage	DEF AT 1
9180 / 9179	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 1
10390 / 10386	DEF AT Lower Cretaceous Barremian Stage	DEF AT 1
12300 / 12292	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DC 512	Date of Summary: 17-JUL-1986	First Sample Examined: 0
Lease Number: G06472	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12300
API Well Number: 608234000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1976
Public Info Code: Y 27-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT Upper (Late) Cretaceous	DEF AT 0
4875 / 4874	DEF AT Lower (Early) Cretaceous	DEF AT 0
9620 / 9619	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 160	Date of Summary:	First Sample Examined: 0
Lease Number: G06417	Source of Paleo: OPERATOR	Borehole MD: 17764
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17764
API Well Number: 608224001900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 281
Public Info Code: Y 09-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1700 /	DEF IN Oligocene Frio Formation/Provincial Stage	DEF AT 4
2180 /	POS AT Upper (Late) Eocene	DEF AT 4
2300 /	POS IN Middle Eocene	DEF AT 4
2540 /	POS AT Lower (Early) Eocene	DEF AT 4
2660 /	POS AT Upper (Late) Paleocene	DEF AT 4
2720 /	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT 4
2780 /	DEF AT Upper Cretaceous Campanian Stage	DEF AT 4
2800 /	DEF AT Upper Cretaceous Santonian Stage	DEF AT 4
3260 /	DEF AT Upper Cretaceous Coniacian Stage	DEF AT 4
3380 /	DEF IN Upper Cretaceous Turonian Stage	DEF AT 4
3470 /	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT 1
4900 /	DEF IN Lower Cretaceous Albian Stage	DEF AT 1
8590 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 1
11800 /	DEF AT Lower Cretaceous Valanginian Stage	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 167	Date of Summary:	First Sample Examined: 6470
Lease Number: G06420	Source of Paleo: OPERATOR	Borehole MD: 17259
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17259
API Well Number: 608224003800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6440 - 17259	Water Depth: 133
Public Info Code: Y 28-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 /	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT 0
10670 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 284	Date of Summary: 01-JAN-1986	First Sample Examined: 1850
Lease Number: G06428	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 608224002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1850 - 17500	Water Depth: 607
Public Info Code: Y 16-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram, nanno and palynological report; 15470=Lenticulina humilis

MD / TVD	Paleo Top Description	Ecozone
1850 /	DEF AT first sample examined	DEF AT 0
1851 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
2150 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
2210 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
2330 /	POS AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 0
2390 /	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0
2480 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 0
2600 /	POS AT Upper Oligocene (Chattian) Globigerina ciproensis ciproensis	DEF AT 0
2660 /	DEF AT Lower Oligocene (Rupelian) Nodosaria blanpiedi	DEF AT 0
2840 /	DEF AT Upper Oligocene (Chattian) Globigerina ciproensis ciproensis	DEF AT 0
3080 /	POS AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 0
3170 /	DEF IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 0
3230 /	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 0
3290 /	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 0
3710 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 0
3770 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 0
3830 /	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 0
3890 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 0
3950 /	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 0
4010 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 0
4011 /	DEF AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 0
4190 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 284	Date of Summary: 01-JAN-1986	First Sample Examined: 1850
Lease Number: G06428	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 608224002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1850 - 17500	Water Depth: 607
Public Info Code: Y 16-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 /	POS AT Middle Eocene (Bartonian) Subbotina frontosa	DEF AT 0
5030 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 0
5060 /	DEF IN Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 0
5085 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 0
5090 /	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 0
5990 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 0
6050 /	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT 0
6350 /	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 0
6410 /	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 0
6590 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 0
6923 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 0
6959 /	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT 0
7370 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 0
8390 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitensis (ostracod)	DEF AT 0
9170 /	DEF IN Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT 0
9320 /	POS AT Lower Cretaceous Aptian Stage	DEF AT 0
10460 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 0
10820 /	POS AT Lower Cretaceous Barremian Stage	DEF AT 0
12650 /	DEF AT Lower Cretaceous (Barremian) Lithraphidites bollii	DEF AT 0
12920 /	POS IN Lower Cretaceous (Barremian) Schuleridea lacustris (ostracod)	DEF AT 0
13820 /	DEF AT Lower Cretaceous (Hauterivian) Speetonia colligata	DEF AT 0
14960 /	DEF AT Lower Cretaceous (Aptian) Nannoconus kauptneri	DEF AT 0
15170 /	DEF AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT 0
15400 /	DEF AT Lower Cretaceous (Valanginian) Tubodiscus verenae	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 284	Date of Summary: 01-JAN-1986	First Sample Examined: 1850
Lease Number: G06428	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 608224002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1850 - 17500	Water Depth: 607
Public Info Code: Y 16-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17500 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 284	Date of Summary: 09-JAN-1986	First Sample Examined: 0
Lease Number: G06428	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 608224002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 607
Public Info Code: Y 16-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1700 /	POS AT Miocene	DEF AT 0
2020 /	POS AT Oligocene	DEF AT 0
3684 /	DEF AT Upper Eocene Jackson Group/Provincial Stage	DEF AT 0
4850 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 0
5125 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
6290 /	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT 0
6945 /	POS AT Lower (Early) Cretaceous	DEF AT 0
12460 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
13100 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 422	Date of Summary: 19-MAY-1992	First Sample Examined: 3000
Lease Number: G06438	Source of Paleo: OPERATOR	Borehole MD: 22222
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22222
API Well Number: 608224002000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1660 - 22220	Water Depth: 591
Public Info Code: Y 13-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** 5830=Upper Cretaceous (Upper Maastrichtian) Gavelinella velascoensis; 10810=in Upper Aptian charophyte Flabellochara harrisi; 10870=Lower Barremian charophyte Atopochara trivolvis; 15460=in Barremian charophyte Globator trochiliscoides; 21800=algal material

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT 3
4630 /	DEF AT Middle Eocene (Bartonian) Subbotina frontosa	DEF AT 3
4780 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 3
4870 /	DEF IN Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 3
5020 /	DEF AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF AT 3
5470 /	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 3
5500 /	POS AT Upper Paleocene (Thanetian) Morozovella angulata	DEF AT 3
5530 /	POS AT Upper Paleocene (Thanetian) Vaginulina longiforma	DEF AT 3
5560 /	DEF IN Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 3
5620 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 3
5770 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 3
5800 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 3
5830 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 3
5860 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 3
5980 /	DEF AT Upper Cretaceous (Santonian) Dicarinella asymetrica	DEF AT 3
6040 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 3
6490 /	DEF IN Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 3
6760 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 3
7240 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 2
7510 /	POS AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT 2
7630 /	POS AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: DD 422	Date of Summary: 19-MAY-1992	First Sample Examined: 3000
Lease Number: G06438	Source of Paleo: OPERATOR	Borehole MD: 22222
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22222
API Well Number: 608224002000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1660 - 22220	Water Depth: 591
Public Info Code: Y 13-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 2
7930 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 2
8920 /	POS AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 2
9040 /	DEF AT anhydrite	DEF AT 2
9280 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 2
10600 /	DEF AT -----	DEF AT 1
10809 /	DEF AT charophytes	DEF AT 1
10810 /	POS IN Lower Cretaceous (Aptian) Epistomina sp.	DEF AT 1
10869 /	DEF AT local marker ostracod (see remarks)	DEF AT 1
10870 /	DEF IN Lower Cretaceous (Barremian) Clavihedbergella eocretacea	DEF AT 1
11440 /	DEF AT Lower Cretaceous (Valanginian) Everticyclammina virginulina	DEF AT 1
12430 /	DEF AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT 1
13750 /	DEF AT -----	DEF AT 2
13850 /	DEF AT -----	DEF AT 3
14100 /	POS IN Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
14180 /	DEF AT -----	DEF AT 1
15250 /	DEF AT non-marine sediment	DEF AT 1
15460 /	DEF IN charophytes	DEF AT 1
15461 /	POS IN Lower Cretaceous (Barremian) Clavihedbergella eocretacea	DEF AT 1
16750 /	DEF AT -----	DEF AT 1
16840 /	DEF AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT 1
17050 /	POS AT Upper Jurassic Reinholdella "A" (increase)	DEF AT 1
17500 /	DEF AT Upper Jurassic (Tithonian) Gallaecytheridea postrotunda (ostracod)	DEF AT 1
17530 /	POS AT Upper Jurassic (Tithonian) Epistomina uhligi	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> DD 422	<b>Date of Summary:</b> 19-MAY-1992	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> G06438	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 22222
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 22222
<b>API Well Number:</b> 608224002000	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1660 - 22220	<b>Water Depth:</b> 591
<b>Public Info Code:</b> Y 13-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18490 /	DEF AT charophytes	DEF AT 1
20620 /	DEF AT limestone	DEF AT 1
21800 /	DEF AT local marker (general)	DEF AT 1
22180 /	DEF IN limestone	DEF AT 1
22220 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 118	Date of Summary: 12-FEB-1988	First Sample Examined: 0
Lease Number: G07385	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11054
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 608044010700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 650
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6248	POS IN Pleistocene	DEF AT 0
9730 / 9676	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 158	Date of Summary: 22-AUG-1986	First Sample Examined: 0
Lease Number: G02645	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8045
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6948
API Well Number: 608044002400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1000
Public Info Code: Y 21-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2690 / 2686	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02645	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9323
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5308
API Well Number: 608044004100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 13-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2044	POS AT Pleistocene	DEF AT 0
8130 / 4697	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9298 / 5295	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 18-NOV-1985	First Sample Examined: 0
Lease Number: G02645	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12020
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6753
API Well Number: 608044005100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 05-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12020 / 6835	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 25-JAN-2001	First Sample Examined: 0
Lease Number: G02645	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12020
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6753
API Well Number: 608044005100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 05-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8549 / 5057	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8980 / 5250	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9417 / 5451	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
11868 / 6747	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 159	<b>Date of Summary:</b> 23-APR-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02645	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10681
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6888
<b>API Well Number:</b> 608044005700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 924
<b>Public Info Code:</b> Y 22-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2248	POS AT Pleistocene	DEF AT 0
7438 / 4833	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7818 / 5064	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8381 / 5415	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
10518 / 6781	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
10681 / 6886	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary:	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7181
API Well Number: 608044002300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 13-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2470 / 2470	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 22-AUG-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7181
API Well Number: 608044002300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 71
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 13-MAR-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2470 / 2470	POS AT Pleistocene	DEF AT 0
8000 / 7182	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 22-AUG-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7375
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6788
API Well Number: 608044002500	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 967
Public Info Code: Y 14-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7375 / 6789	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 159	<b>Date of Summary:</b> 19-AUG-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02646	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7728
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7499
<b>API Well Number:</b> 608044003500	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 924
<b>Public Info Code:</b> Y 20-DEC-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2270 / 2269	POS AT Pleistocene	DEF AT 0
6900 / 6731	POS AT Pliocene	DEF AT 0
7728 / 7499	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 159	<b>Date of Summary:</b> 19-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02646	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8080
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7214
<b>API Well Number:</b> 608044003800	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 924
<b>Public Info Code:</b> Y 26-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2021	POS AT Pleistocene	DEF AT 0
5615 / 4955	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6164 / 5456	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 19-AUG-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8080
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7214
API Well Number: 608044003800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 26-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2021	POS AT Pleistocene	DEF AT 0
8000 / 7141	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 07-MAY-1998	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8080
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7214
API Well Number: 608044003800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 26-OCT-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3015 / 2604	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5585 / 4927	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5909 / 5226	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6569 / 5825	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
7587 / 6759	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 26-FEB-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7880
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6449
API Well Number: 608044004000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 16-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2428	POS AT Pleistocene	DEF AT 0
7880 / 6449	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8269
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6940
API Well Number: 608044004401	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 22-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2371	POS AT Pleistocene	DEF AT 0
6305 / 4995	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6754 / 5427	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 19-AUG-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8269
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6940
API Well Number: 608044004401	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 22-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2371	POS AT Pleistocene	DEF AT 0
8269 / 6940	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 10-NOV-2000	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8269
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6940
API Well Number: 608044004401	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 22-DEC-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3128 / 2604	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6138 / 4843	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6528 / 5205	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7128 / 5800	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 20-AUG-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9399
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6824
API Well Number: 608044005000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 26-JUN-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2325	POS AT Pleistocene	DEF AT 0
9399 / 6825	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 30-SEP-1998	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9399
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6824
API Well Number: 608044005000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 26-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6637 / 4971	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6926 / 5168	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7170 / 5335	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 14-APR-1997	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9054
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8172
API Well Number: 608044005200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 07-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 / 3064	POS AT Pleistocene	DEF AT 0
9050 / 8169	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 02-APR-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7438
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 6639
API Well Number: 608044005400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 12-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7438 / 6638	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 20-AUG-1986	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6830
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 5138
API Well Number: 608044005600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 11-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2293	POS AT Pleistocene	DEF AT 0
6830 / 5138	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 159	Date of Summary: 20-MAY-1998	First Sample Examined: 0
Lease Number: G02646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6830
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 5138
API Well Number: 608044005600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 924
Public Info Code: Y 11-DEC-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5927 / 4482	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6600 / 4969	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G02647	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9728
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 8745
API Well Number: 608044003300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 13-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4271	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6503 / 6019	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9352 / 8445	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G02647	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9453
Well Name: A025	Paleo Done By: OPERATOR	Borehole TVD: 8234
API Well Number: 608044004600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 15-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4210 / 3978	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5771 / 5157	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6970 / 6182	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
8842 / 7805	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02647	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9479
Well Name: A026	Paleo Done By: OPERATOR	Borehole TVD: 6365
API Well Number: 608044004701	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 10-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 4697	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 22-DEC-1993	First Sample Examined: 0
Lease Number: G02647	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6600
Well Name: A027	Paleo Done By: OPERATOR	Borehole TVD: 6295
API Well Number: 608044004900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 27-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 / 4354	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5810 / 5554	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary:	First Sample Examined: 1710
Lease Number: G02648	Source of Paleo: OPERATOR	Borehole MD: 12828
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8974
API Well Number: 608044002800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 2	Sample Range: 1710 - 12810	Water Depth: 940
Public Info Code: Y 08-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1710 / 1710	DEF AT first sample examined	DEF AT 4
2070 / 2070	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa (increase)	DEF AT 4
2730 / 2730	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4110 / 4090	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa (acme)	DEF AT 4
5400 / 5088	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6300 / 5542	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
7110 / 5938	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
8400 / 6605	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9900 / 7387	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
11850 / 8421	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 4
12360 / 8705	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12450 / 8756	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12810 / 8964	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G02648	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12828
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8974
API Well Number: 608044002800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 08-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4436 / 4389	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5120 / 4913	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6690 / 5731	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 06-JUN-1989	First Sample Examined: 0
Lease Number: G02648	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9428
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8401
API Well Number: 608044002900	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 29-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9428 / 8402	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 160	<b>Date of Summary:</b> 19-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02648	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10406
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6070
<b>API Well Number:</b> 608044004201	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 940
<b>Public Info Code:</b> Y 02-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2625	POS AT Pleistocene	DEF AT 0
9860 / 5804	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10400 / 6072	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 160	<b>Date of Summary:</b> 06-FEB-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02648	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12863
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9678
<b>API Well Number:</b> 608044004300	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 940
<b>Public Info Code:</b> Y 16-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1295	POS AT Pleistocene	DEF AT 0
8235 / 6454	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8390 / 6563	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9850 / 7560	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
11360 / 8609	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
11600 / 8779	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 160	Date of Summary: 21-AUG-1987	First Sample Examined: 0
Lease Number: G02648	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11722
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8217
API Well Number: 608044004800	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 16-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2610 / 2505	POS AT Pleistocene	DEF AT 0
8020 / 5847	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9370 / 6688	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
10870 / 7649	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11169 / 7846	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11722 / 8216	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 160	<b>Date of Summary:</b> 14-NOV-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02648	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17143
<b>Well Name:</b> A029	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12013
<b>API Well Number:</b> 608044005300	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 940
<b>Public Info Code:</b> Y 28-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5960 / 5077	POS AT Pleistocene	DEF AT 0
11480 / 8440	POS AT Pliocene	DEF AT 0
14840 /10727	POS AT Miocene	DEF AT 0
17143 /12011	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 164	Date of Summary: 28-MAR-1986	First Sample Examined: 2040
Lease Number: G07391	Source of Paleo: OPERATOR	Borehole MD: 2468
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2468
API Well Number: 608044010500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2040 - 2470	Water Depth: 925
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2040 /	DEF AT -----	DEF AT 4
2130 /	DEF AT -----	DEF AT 5
2370 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 164	Date of Summary: 06-APR-1986	First Sample Examined: 3000
Lease Number: G07391	Source of Paleo: OPERATOR	Borehole MD: 11215
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9688
API Well Number: 608044010600	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11215	Water Depth: 736
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2995	DEF AT first sample examined	DEF AT 3
3600 / 3560	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3920 / 3840	DEF AT faunal change (no faunal increase)	DEF AT 4
4200 / 4067	DEF AT faunal change (no faunal increase)	DEF AT 3
5220 / 4884	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
5550 / 5149	DEF AT sample gap top	POS AT 3
5610 / 5197	DEF AT sample gap bottom	DEF AT 4
5670 / 5245	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6060 / 5557	DEF AT faunal change (no faunal increase)	DEF AT 3
7020 / 6308	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
7830 / 6932	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8640 / 7570	DEF AT faunal change (no faunal increase)	DEF AT 4
8820 / 7718	DEF AT sand	DEF AT 3
9330 / 8137	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9420 / 8211	DEF AT cement	POS AT 5
9540 / 8309	DEF AT faunal change (no faunal increase)	DEF AT 4
9570 / 8333	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10380 / 8997	DEF AT dolomite	DEF AT 4
11100 / 9593	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
11129 / 9617	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11130 / 9618	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11215 / 9688	DEF AT last sample examined	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 166	Date of Summary: 16-OCT-1984	First Sample Examined: 3050
Lease Number: G06281	Source of Paleo: OPERATOR	Borehole MD: 12590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12590
API Well Number: 608044007400	Drilling Operator: TEXACO INC	Rkb Elevation: 63
Paleo Report Num: 1 of 2	Sample Range: 3050 - 12500	Water Depth: 732
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Celebes Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 /	DEF AT first sample examined	DEF AT 2
3260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3500 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
3650 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3890 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4430 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4910 /	POS AT poor sample interval top	DEF AT 1
5749 /	POS AT poor sample interval bottom	DEF AT 1
5750 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5810 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5870 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6050 /	DEF AT cement	POS AT 2
6410 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6500 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6590 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6800 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6860 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7220 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7310 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7580 /	DEF AT cement	POS AT 4
7610 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7790 /	DEF AT faunal change (no faunal increase)	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 166	Date of Summary: 16-OCT-1984	First Sample Examined: 3050
Lease Number: G06281	Source of Paleo: OPERATOR	Borehole MD: 12590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12590
API Well Number: 608044007400	Drilling Operator: TEXACO INC	Rkb Elevation: 63
Paleo Report Num: 1 of 2	Sample Range: 3050 - 12500	Water Depth: 732
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8299 /	DEF IN Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 5
8300 /	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF AT 5
8480 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9019 /	DEF AT Upper Pliocene (Piacenzian) <i>Globorotalia multicamerata</i>	DEF AT 4
9020 /	DEF AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF AT 4
9190 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10340 /	DEF AT Upper Pliocene (Piacenzian) <i>Sphaeroidinellopsis seminulina</i>	DEF AT 5
10640 /	DEF AT Lower Pliocene (Zanclian) <i>Globorotalia margaritae</i>	DEF AT 5
10790 /	DEF AT Lower Pliocene (Zanclian) <i>Globigerina nepenthes</i>	DEF AT 5
10850 /	DEF AT Lower Pliocene (Zanclian) <i>Sigmoilina "P" / cf. schlumbergeri</i>	DEF AT 5
11420 /	DEF AT Upper Miocene (Tortonian) <i>Melonis pompilioides</i> (increase)	DEF AT 5
12110 /	DEF AT Upper Miocene (Tortonian) <i>Cibicides carstensi</i>	DEF AT 5
12230 /	DEF AT Upper Miocene (Tortonian) <i>Uvigerina 3</i>	DEF AT 5
12260 /	DEF AT Middle Miocene (Serravallian) <i>Globorotalia fohsi lobata</i>	DEF AT 5
12289 /	DEF AT Middle Miocene (Serravallian) <i>Globorotalia fohsi fohsi</i>	DEF AT 5
12290 /	DEF AT Middle Miocene (Serravallian) <i>Globorotalia peripheroacuta</i>	DEF AT 5
12440 /	DEF AT Middle Miocene (Serravallian) <i>Globorotalia peripheroronda</i>	DEF AT 5
12590 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 166	Date of Summary: 16-OCT-1984	First Sample Examined: 0
Lease Number: G06281	Source of Paleo: OPERATOR	Borehole MD: 12590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12590
API Well Number: 608044007400	Drilling Operator: TEXACO INC	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 732
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Celebes Prospect; report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10910 /	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT 0
11210 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 166	Date of Summary: 30-MAR-1988	First Sample Examined: 3343
Lease Number: G06281	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11997
API Well Number: 608044012000	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 3343 - 12000	Water Depth: 582
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3343 /	DEF AT first sample examined	POS IN 3
3410 /	DEF AT faunal change (no faunal increase)	DEF IN 3
3890 /	DEF AT local marker benthic foram increase	DEF IN 3
4040 /	DEF AT local marker foram increase	DEF IN 3
4160 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4190 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
4690 /	DEF AT local marker foram increase	DEF IN 3
4780 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5080 /	DEF AT faunal change (no faunal increase)	DEF IN 3
7000 /	DEF AT local marker benthic foram increase	DEF AT 4
7060 /	DEF AT faunal change (no faunal increase)	DEF IN 3
7510 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 4
7810 /	DEF AT faunal change (no faunal increase)	DEF IN 2
8200 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
8230 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8290 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8380 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8469 /	POS AT reworked material	POS AT 3
8470 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	POS AT 3
9160 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9190 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9490 /	DEF AT faunal change (no faunal increase)	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 166	Date of Summary: 30-MAR-1988	First Sample Examined: 3343
Lease Number: G06281	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11997
API Well Number: 608044012000	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 3343 - 12000	Water Depth: 582
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9580 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9610 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9880 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9910 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10569 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
10570 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
10600 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11860 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11919 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11920 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
12000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 166	Date of Summary: 07-APR-1988	First Sample Examined: 6520
Lease Number: G06281	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11997
API Well Number: 608044012000	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 6520 - 11980	Water Depth: 582
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
6520 /	DEF AT first sample examined	DEF AT 0
7570 /	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7750 /	DEF AT local marker floral decrease	DEF AT 0
8290 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
8319 /	DEF AT floral flood	DEF AT 0
8320 /	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
8470 /	DEF AT local marker floral decrease	DEF AT 0
9880 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
10000 /	DEF AT local marker floral decrease	DEF AT 0
10510 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
10600 /	DEF AT local marker floral increase	DEF AT 0
10810 /	DEF AT local marker floral decrease	DEF AT 0
11320 /	POS AT local marker floral increase	DEF AT 0
11500 /	DEF AT local marker floral decrease	DEF AT 0
11889 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT 0
11890 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 0
11978 /	DEF AT floral flood	DEF AT 0
11979 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
11980 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 170	Date of Summary: 04-FEB-1986	First Sample Examined: 6100
Lease Number: G07394	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 608044009300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2369 - 17500	Water Depth: 1199
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6100 /	DEF AT first sample examined	DEF AT 2
9510 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
11130 /	DEF AT -----	DEF AT 3
11220 /	DEF AT -----	DEF AT 4
11790 /	DEF AT -----	DEF AT 2
14250 /	DEF AT -----	DEF AT 5
14340 /	DEF AT -----	DEF AT 4
14460 /	DEF AT -----	DEF AT 2
16140 /	DEF AT salt	DEF AT 2
16320 /	POS AT Miocene	DEF AT 2
16380 /	DEF AT -----	DEF AT 4
17500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 1650
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 14068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14068
API Well Number: 608044006200	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1650 - 14070	Water Depth: 528
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 /	DEF AT cement	DEF AT 0
1860 /	DEF AT -----	DEF AT 2
2280 /	DEF AT -----	DEF AT 3
2460 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 2
3030 /	DEF AT local marker foram increase	DEF AT 3
3090 /	POS AT -----	DEF AT 1
3180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3360 /	DEF AT -----	DEF AT 2
3570 /	DEF AT -----	DEF AT 3
3600 /	DEF AT -----	DEF AT 2
3750 /	DEF AT cement	DEF AT 0
3870 /	POS AT -----	DEF AT 1
4260 /	DEF AT local marker (general)	DEF AT 3
4320 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4740 /	POS AT -----	DEF AT 2
4890 /	DEF AT -----	DEF AT 3
5070 /	DEF AT -----	DEF AT 2
5100 /	DEF AT local marker (general)	DEF AT 2
5370 /	DEF AT -----	DEF AT 3
7410 /	DEF AT -----	DEF AT 2
7950 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8340 /	POS AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 1650
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 14068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14068
API Well Number: 608044006200	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1650 - 14070	Water Depth: 528
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8880 /	DEF AT -----	DEF AT 4
9000 /	POS AT -----	DEF AT 3
9150 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9300 /	DEF AT local marker (general)	DEF AT 5
9360 /	DEF AT -----	DEF AT 4
9420 /	DEF AT -----	DEF AT 5
9480 /	DEF AT -----	DEF AT 4
9540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9570 /	DEF AT -----	DEF AT 4
9870 /	POS AT -----	DEF AT 3
9950 /	DEF AT -----	DEF AT 4
10060 /	POS AT -----	DEF AT 3
10140 /	DEF AT -----	DEF AT 4
10500 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
10650 /	DEF AT local marker (general)	DEF AT 5
10680 /	DEF AT -----	DEF AT 4
10830 /	POS AT -----	DEF AT 3
11970 /	DEF AT local marker foram increase	DEF AT 3
12270 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
12420 /	POS AT -----	DEF AT 3
12810 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12960 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13020 /	DEF AT -----	DEF AT 4
13110 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 1650
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 14068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14068
API Well Number: 608044006200	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1650 - 14070	Water Depth: 528
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13200 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
13560 /	DEF AT local marker foram increase	DEF AT 5
13680 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14070 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 8980
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 12950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12565
API Well Number: 608044006201	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 7600 - 12950	Water Depth: 528
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8921	DEF IN Aftonian fauna (local marker)	DEF AT 0
8990 / 8930	DEF AT -----	DEF AT 4
9130 / 9059	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9160 / 9087	DEF AT -----	DEF AT 5
9250 / 9170	POS AT -----	DEF AT 3
9490 / 9391	DEF AT -----	DEF AT 5
9540 / 9438	DEF AT -----	DEF AT 4
9700 / 9585	POS AT -----	DEF AT 3
9910 / 9778	DEF AT -----	DEF AT 3
9940 / 9805	POS AT -----	DEF AT 3
10150 / 9998	DEF AT -----	DEF AT 4
10300 /10135	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
10450 /10273	POS AT -----	DEF AT 3
11020 /10792	DEF AT -----	DEF AT 3
11200 /10955	DEF AT -----	DEF AT 4
11260 /11010	POS AT -----	DEF AT 3
11800 /11502	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11890 /11584	POS AT -----	DEF AT 3
12400 /12056	DEF AT -----	DEF AT 4
12430 /12083	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12520 /12167	DEF AT -----	DEF AT 5
12580 /12223	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 8980
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 12950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12565
API Well Number: 608044006201	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 7600 - 12950	Water Depth: 528
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12790 /12417	DEF AT -----	DEF AT 5
12910 /12528	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 2000
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 15020
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15020
API Well Number: 608044007900	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2000 - 13720	Water Depth: 503
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF AT first sample examined	DEF AT 3
2389 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2433 /	DEF AT poor sample interval top	POS AT 3
3483 /	DEF AT poor sample interval bottom	DEF AT 3
3484 /	DEF AT local marker foram increase	DEF AT 3
4600 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
6001 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6130 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9600 /	DEF AT cement	POS AT 3
9720 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10260 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10350 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10530 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10890 /	DEF AT poor sample interval top	POS AT 4
11010 /	DEF AT poor sample interval bottom	DEF AT 5
11220 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11850 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11940 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12240 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13720 /	DEF AT last sample examined	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 172	<b>Date of Summary:</b> 16-APR-1987	<b>First Sample Examined:</b> 10930
<b>Lease Number:</b> G06283	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12500
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12330
<b>API Well Number:</b> 608044007901	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 10930 - 15010	<b>Water Depth:</b> 503
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10930 /10878	DEF AT first sample examined	DEF AT 4
10931 /10879	DEF IN Aftonian fauna (local marker)	DEF AT 4
10991 /10934	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
11080 /11016	DEF AT faunal change (no faunal increase)	DEF AT 5
11260 /11180	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
11320 /11235	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11410 /11317	DEF AT faunal change (no faunal increase)	DEF AT 4
12640 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
12940 /	DEF AT poor sample interval top	POS AT 4
13330 /	DEF AT poor sample interval bottom	DEF AT 4
15010 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 172	<b>Date of Summary:</b> 16-APR-1987	<b>First Sample Examined:</b> 10990
<b>Lease Number:</b> G06283	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12500
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12330
<b>API Well Number:</b> 608044007901	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 10990 - 13660	<b>Water Depth:</b> 503
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10990 /10933	DEF AT first sample examined	DEF AT 4
11170 /11098	DEF AT -----	DEF AT 5
11300 /11217	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11800 /11676	DEF AT -----	DEF AT 4
12310 /12152	DEF AT -----	DEF AT 5
12460 /12293	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12700 /	DEF AT -----	DEF AT 4
13030 /	DEF AT -----	DEF AT 5
13180 /	DEF AT -----	DEF AT 4
13570 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 16-APR-1987	First Sample Examined: 12200
Lease Number: G06283	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12330
API Well Number: 608044007901	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 3 of 3	Sample Range: 12200 - 12500	Water Depth: 503
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 /12049	DEF AT first sample examined	DEF AT 5
12201 /12050	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12500 /12331	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 07-DEC-1987	First Sample Examined: 0
Lease Number: G06283	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 608044011400	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 667
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5630 / 5630	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9805 / 9803	POS AT Pliocene	DEF AT 0
12245 / 12237	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 172	Date of Summary: 04-DEC-1987	First Sample Examined: 0
Lease Number: G06283	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13976
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12844
API Well Number: 608044011401	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 667
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12985 /12072	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13684 /12617	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 206	<b>Date of Summary:</b> 19-MAR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07395	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9570
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9569
<b>API Well Number:</b> 608044010400	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 982
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5610 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7380 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
8790 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 208	Date of Summary: 16-APR-1987	First Sample Examined: 2400
Lease Number: G06289	Source of Paleo: OPERATOR	Borehole MD: 14182
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14182
API Well Number: 608044008300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2400 - 14160	Water Depth: 1287
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 /	DEF AT first sample examined	DEF AT 3
2430 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2490 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2790 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3300 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3390 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3480 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3630 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5250 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6720 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6870 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7280 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7640 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8340 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9510 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9930 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11010 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11190 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11460 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12030 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
12150 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 208	Date of Summary: 16-APR-1987	First Sample Examined: 2400
Lease Number: G06289	Source of Paleo: OPERATOR	Borehole MD: 14182
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14182
API Well Number: 608044008300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2400 - 14160	Water Depth: 1287
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13710 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
13830 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
14160 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 252	Date of Summary: 03-SEP-1997	First Sample Examined: 3589
Lease Number: G07402	Source of Paleo: OPERATOR	Borehole MD: 5370
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5132
API Well Number: 608044015000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3589 - 5370	Water Depth: 1324
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3589 / 3535	DEF AT first sample examined	DEF AT 4
4070 / 3962	DEF AT faunal change (no faunal increase)	DEF IN 4
4670 / 4501	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 4
5060 / 4852	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5120 / 4906	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
5240 / 5014	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 6
5300 / 5068	DEF AT faunal change (no faunal increase)	DEF AT 5
5370 / 5132	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EB 305	<b>Date of Summary:</b> 28-AUG-1985	<b>First Sample Examined:</b> 3530
<b>Lease Number:</b> G07412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15375
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15375
<b>API Well Number:</b> 608044009600	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3530 - 15375	<b>Water Depth:</b> 1875
<b>Public Info Code:</b> Y 30-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 /	DEF AT first sample examined	DEF AT
3531 /	DEF IN cement	DEF AT
4070 /	DEF AT faunal change (no faunal increase)	DEF IN 4
4670 /	POS AT faunal change (no faunal increase)	POS AT 5
6080 /	DEF AT poor sample interval top	POS AT 5
6620 /	DEF AT poor sample interval bottom	POS AT 5
6980 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 5
10610 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 5
14030 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 5
15375 /	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 377	Date of Summary: 26-NOV-1985	First Sample Examined: 0
Lease Number: G07424	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7738
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7738
API Well Number: 608044010000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2450
Public Info Code: Y 29-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3535 /	DEF IN Holocene recent fauna	DEF AT
3616 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6099 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7580 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 384	Date of Summary: 30-JUL-1990	First Sample Examined: 0
Lease Number: G09171	Source of Paleo: OPERATOR	Borehole MD: 10459
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10459
API Well Number: 608044014600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2110
Public Info Code: Y 30-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
6550 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
7000 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7150 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8620 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10060 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
10210 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10390 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 469	Date of Summary: 31-JUL-1984	First Sample Examined: 3780
Lease Number: G06310	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9000
API Well Number: 608044006500	Drilling Operator: CONOCO INC	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 3780 - 9000	Water Depth: 2296
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3780 /	DEF AT cement	DEF AT 0
3990 /	DEF AT -----	DEF AT 1
5400 /	DEF AT -----	DEF IN 3
5550 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7660 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
8220 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
8370 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
8670 /	DEF AT gray shale	DEF AT 6
8880 /	DEF IN salt	DEF AT 0
8970 /	DEF AT gypsum	DEF AT 0
9000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 556	Date of Summary: 13-APR-1984	First Sample Examined: 4220
Lease Number: G06317	Source of Paleo: OPERATOR	Borehole MD: 11435
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11429
API Well Number: 608044006100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 4220 - 11410	Water Depth: 2826
Public Info Code: Y 21-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4220 /	DEF AT first sample examined	DEF AT 5
4880 /	DEF AT -----	DEF AT 4
6100 /	DEF AT -----	DEF AT 5
6450 /	DEF AT -----	DEF AT 5
6790 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7100 /	DEF AT -----	DEF AT 4
8500 /	DEF AT -----	DEF AT 5
8530 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9760 /	DEF AT -----	DEF AT 6
10000 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
10300 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
10840 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
11200 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 7
11260 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 7
11410 /	DEF AT last sample examined	DEF AT 7

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 600	Date of Summary:	First Sample Examined: 4430
Lease Number: G06322	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 608044013800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4430 - 8000	Water Depth: 2976
Public Info Code: Y 21-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4430 / 4430	DEF AT first sample examined	DEF AT 4
4431 / 4431	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
5630 / 5630	DEF AT faunal change (no faunal increase)	DEF AT 3
6530 / 6530	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6560 / 6560	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
6590 / 6590	DEF AT faunal change (no faunal increase)	DEF AT 5
6800 / 6800	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
6860 / 6860	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
7370 / 7370	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8000 / 8000	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 688	Date of Summary: 11-AUG-1988	First Sample Examined: 5590
Lease Number: G09191	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11920
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11920
API Well Number: 608044012700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 5590 - 11900	Water Depth: 3767
Public Info Code: Y 22-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5590 /	DEF AT first sample examined	POS AT 4
5591 /	POS AT faunal change (no faunal increase)	POS AT 4
5690 /	POS IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
5720 /	DEF AT faunal change (no faunal increase)	DEF AT 6
5810 /	DEF AT local marker foram increase	DEF AT 6
5811 /	DEF AT pyrite	DEF AT 6
5900 /	DEF AT pyrite	DEF AT 6
5901 /	DEF AT oxidized shale	DEF AT 6
5960 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 6
6170 /	DEF AT pyrite	DEF AT 6
6320 /	DEF AT glauconite	DEF AT 6
6440 /	DEF AT shell fragments	DEF AT 6
6530 /	DEF AT glauconite	DEF AT 6
6590 /	DEF AT shell fragments	DEF AT 6
6920 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8150 /	DEF AT oxidized shale	DEF AT 6
8330 /	DEF AT unconformity	DEF AT 6
8690 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
9020 /	POS AT unconformity	DEF AT 6
9410 /	POS AT unconformity	DEF AT 6
10040 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 6
10100 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EB 688	Date of Summary: 11-AUG-1988	First Sample Examined: 5590
Lease Number: G09191	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11920
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11920
API Well Number: 608044012700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 5590 - 11900	Water Depth: 3767
Public Info Code: Y 22-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10250 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
10970 /	DEF AT local marker foram increase	DEF AT 6
11060 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11390 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
11420 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
11450 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
11540 /	DEF AT oxidized shale	DEF AT 6
11570 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
11600 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
11630 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
11660 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
11720 /	DEF AT oxidized shale	DEF AT 6
11900 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 2	<b>Date of Summary:</b> 20-JUN-1983	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G04412	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 15993
<b>API Well Number:</b> 177034041200	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10000 - 13550	<b>Water Depth:</b> 29
<b>Public Info Code:</b> Y 21-AUG-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9999	DEF AT first sample examined	DEF AT 2
10001 /10000	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
10570 /10569	DEF AT sample gap top	POS AT 2
10779 /10778	DEF AT sample gap bottom	DEF AT 3
10780 /10779	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11950 /11948	DEF AT local marker benthic foram increase	DEF AT 3
13550 /13547	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 2	Date of Summary: 20-JUN-1983	First Sample Examined: 13330
Lease Number: G04412	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15993
API Well Number: 177034041200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 13330 - 16000	Water Depth: 29
Public Info Code: Y 21-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13330 /13327	DEF AT first sample examined	DEF AT 3
13331 /13328	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
14190 /14187	DEF AT local marker planktic foram increase	DEF AT 3
14279 /14276	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14280 /14277	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
14550 /14547	DEF AT sample gap top	POS AT 3
14850 /14847	DEF AT sample gap bottom	DEF AT 3
15330 /15327	DEF AT local marker planktic foram increase	DEF AT 3
16000 /15992	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 23	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02853	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14352
<b>Well Name:</b> CA001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14352
<b>API Well Number:</b> 177034011200	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 15-FEB-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6130 /	POS AT Upper (Late) Miocene	DEF AT 0
10297 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10370 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 23	Date of Summary: 15-APR-1982	First Sample Examined: 0
Lease Number: G02853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14463
Well Name: CB006	Paleo Done By: OPERATOR	Borehole TVD: 14460
API Well Number: 177034018200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 11-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10153 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12711 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 23	Date of Summary: 07-JUL-1981	First Sample Examined: 0
Lease Number: G02853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14383
Well Name: CB007	Paleo Done By: OPERATOR	Borehole TVD: 13666
API Well Number: 177034018300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 15-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10352 /10180	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13687 /13033	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 23	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: G02853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14600
Well Name: CB009	Paleo Done By: OPERATOR	Borehole TVD: 13880
API Well Number: 177034018500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 24-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10940 /10268	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13590 /12874	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 23  <b>Lease Number:</b> G02855  <b>Well Name:</b> 005  <b>API Well Number:</b> 177034013600  <b>Paleo Report Num:</b> 1 of 1  <b>Public Info Code:</b> Y 15-JUL-1989</p>	<p><b>Date of Summary:</b>  <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)  <b>Paleo Done By:</b> OPERATOR  <b>Drilling Operator:</b> CHEVRON USA INC  <b>Sample Range:</b> 0 - 0  <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0  <b>Borehole MD:</b> 13755  <b>Borehole TVD:</b> 11421  <b>Rkb Elevation:</b> 74  <b>Water Depth:</b> 39  <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12427 /10303	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 24	Date of Summary: 15-DEC-1980	First Sample Examined: 0
Lease Number: G04098	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177034033200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9960 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11130 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
11850 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12660 /	DEF AT -----	DEF AT 2
12720 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
12870 /	DEF AT local marker (general)	DEF AT 2
12990 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
13900 /	DEF AT -----	DEF AT 1
14000 /	DEF AT -----	DEF AT 2
14040 /	DEF AT -----	DEF AT 3
14190 /	DEF AT -----	DEF AT 1
16500 /	DEF AT -----	DEF AT 2
17390 /	DEF AT -----	DEF AT 1
18000 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 24	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G04098	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177034033200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9532 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
10797 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
11777 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12897 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
14697 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 24	Date of Summary: 04-MAR-1985	First Sample Examined: 0
Lease Number: G04098	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177034033200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8640 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9625 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
10910 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
11995 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 25	Date of Summary: 27-SEP-1985	First Sample Examined: 0
Lease Number: G04203	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13800
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 13799
API Well Number: 177034050900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6150 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6900 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7500 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9800 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12080 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12406 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
13460 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 26	Date of Summary: 30-JAN-1979	First Sample Examined: 4970
Lease Number: G03527	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15500
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 15500
API Well Number: 177034016300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 4970 - 15500	Water Depth: 41
Public Info Code: Y 10-FEB-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4970 /	DEF AT first sample examined	DEF AT 2
5510 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6049 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6050 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
6380 /	DEF AT sample gap top	POS AT 2
6859 /	DEF AT sample gap bottom	DEF AT 2
6860 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7220 /	DEF AT sample gap top	POS AT 2
7609 /	DEF AT sample gap bottom	DEF AT 3
7610 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7790 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7820 /	DEF AT sample gap top	POS AT 3
8179 /	DEF AT sample gap bottom	DEF AT 3
8180 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8300 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9680 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9918 /	DEF AT glauconite	DEF AT 3
9919 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
9920 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11690 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12050 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
12650 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 26	<b>Date of Summary:</b> 30-JAN-1979	<b>First Sample Examined:</b> 4970
<b>Lease Number:</b> G03527	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 15500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 15500
<b>API Well Number:</b> 177034016300	<b>Drilling Operator:</b> SUPERIOR OIL COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4970 - 15500	<b>Water Depth:</b> 41
<b>Public Info Code:</b> Y 10-FEB-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13400 /	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
13910 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
14900 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
15500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 26	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G03527	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14570
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14298
API Well Number: 177034035500	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 10-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10210 /10128	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12850 /12672	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
14500 /14233	DEF AT local marker benthic foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 26	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03527	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13169
API Well Number: 177034040000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 10-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10230 / 9974	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11670 / 11409	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12390 / 12129	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
12870 / 12608	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 31	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: G04099	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 16462
API Well Number: 177034036400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 30-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7950 / 7949	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10170 / 10168	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12720 / 12718	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
15420 / 15413	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 31	Date of Summary: 25-MAR-1985	First Sample Examined: 0
Lease Number: G04099	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13710
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13709
API Well Number: 177034049300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 30-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12090 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
12630 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 32	<b>Date of Summary:</b> 08-NOV-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04203	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16450
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15960
<b>API Well Number:</b> 177034043300	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 60
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 41
<b>Public Info Code:</b> Y 31-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10130 / 9864	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11510 / 11229	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12590 / 12302	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
13610 / 13300	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 32	Date of Summary: 18-JAN-1983	First Sample Examined: 0
Lease Number: G04777	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15480
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15466
API Well Number: 177034039800	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 16-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9830 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11900 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
12440 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
14120 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 32	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04777	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13400
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12969
API Well Number: 177034041300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 20-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12910 /12484	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
13730 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
14200 /	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 32	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G04777	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14800
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14115
API Well Number: 177034041400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 20-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9260 / 9149	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11520 / 11181	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12354 / 11950	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 34 <b>Lease Number:</b> G02855 <b>Well Name:</b> 001 <b>API Well Number:</b> 177034009100 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 15-JUL-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 14690 <b>Borehole TVD:</b> 14690 <b>Rkb Elevation:</b> 69 <b>Water Depth:</b> 39 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7820 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8300 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8990 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12950 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 34 <b>Lease Number:</b> G02855 <b>Well Name:</b> 002 <b>API Well Number:</b> 177034012400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 15-JUL-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12553 <b>Borehole TVD:</b> 11675 <b>Rkb Elevation:</b> 69 <b>Water Depth:</b> 39 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8270 / 7730	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8960 / 8320	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9770 / 9011	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11390 / 10516	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12110 / 11233	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 34 <b>Lease Number:</b> G02855 <b>Well Name:</b> 003 <b>API Well Number:</b> 177034013200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 15-JUL-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12987 <b>Borehole TVD:</b> 12118 <b>Rkb Elevation:</b> 69 <b>Water Depth:</b> 39 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8210 / 7715	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8750 / 8221	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10940 /10264	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12110 /11328	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12620 /11789	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 34 <b>Lease Number:</b> G02855 <b>Well Name:</b> 004 <b>API Well Number:</b> 177034013500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 15-JUL-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11859 <b>Borehole TVD:</b> 11509 <b>Rkb Elevation:</b> 69 <b>Water Depth:</b> 39 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8270 / 8115	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10670 / 10360	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 34	Date of Summary:	First Sample Examined: 0
Lease Number: G02855	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11329
API Well Number: 177034019200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 15-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 7906	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12190 / 10653	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 34	<b>Date of Summary:</b> 25-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02855	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14104
<b>Well Name:</b> 007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14104
<b>API Well Number:</b> 177034020300	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 39
<b>Public Info Code:</b> Y 15-JUL-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8340 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9120 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10560 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10860 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12180 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 38	<b>Date of Summary:</b> 14-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02562	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10500
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10496
<b>API Well Number:</b> 177034040300	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 05-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7920 / 7918	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8580 / 8577	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8790 / 8787	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9090 / 9086	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9980 / 9976	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 38	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02562	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9700
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9698
API Well Number: 177034041100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 02-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6839	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7410 / 7409	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7680 / 7679	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8340 / 8339	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8970 / 8969	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9150 / 9148	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 43	Date of Summary: 24-OCT-1988	First Sample Examined: 0
Lease Number: G09440	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8315
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8315
API Well Number: 177034057000	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 03-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8090 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 43	Date of Summary: 30-JUL-1993	First Sample Examined: 0
Lease Number: G09440	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8501
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8501
API Well Number: 177034064500	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 03-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7941 / 7940	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 44	Date of Summary: 08-MAR-1990	First Sample Examined: 0
Lease Number: G05022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9712
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9712
API Well Number: 177034042800	Drilling Operator: KOCH INDUSTRIES INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 05-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7410 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8520 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8820 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 45	<b>Date of Summary:</b> 12-SEP-2000	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03287	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11730
<b>Well Name:</b> D001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11728
<b>API Well Number:</b> 177034019500	<b>Drilling Operator:</b> NEWFIELD EXPLORATION COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 47
<b>Public Info Code:</b> Y 14-JUL-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8640 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 45	<b>Date of Summary:</b> 16-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03287	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12228
<b>Well Name:</b> D002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11643
<b>API Well Number:</b> 177034019600	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 25-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4584	DEF AT first sample examined	DEF AT 3
5790 / 5464	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7080 / 6643	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7380 / 6915	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8560 / 7993	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9160 / 8579	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9490 / 8906	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10880 / 10295	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 45	Date of Summary: 26-APR-1982	First Sample Examined: 0
Lease Number: G03287	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12423
Well Name: D005	Paleo Done By: OPERATOR	Borehole TVD: 11524
API Well Number: 177034038300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 22-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5850 / 5708	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7020 / 6743	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7960 / 7579	DEF AT - - - - -	DEF AT 3
8650 / 8180	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8770 / 8285	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9790 / 9179	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10960 / 10218	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11980 / 11118	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G03287	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12842
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11393
API Well Number: 177034014000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 15-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9605 / 8495	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10587 / 9343	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11935 /10544	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12253 /10841	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12510 /11083	DEF AT local marker benthic foram increase	DEF AT 0
12637 /11202	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 46 <b>Lease Number:</b> G03287 <b>Well Name:</b> A005 <b>API Well Number:</b> 177034019800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 29-JUN-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11331 <b>Borehole TVD:</b> 10872 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 48 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 / 8505	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10928 / 10475	DEF AT local marker benthic foram increase	DEF AT 0
11191 / 10733	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 19-APR-1982	First Sample Examined: 0
Lease Number: G03287	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12663
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 11622
API Well Number: 177034022600	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 22-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8580 / 7876	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8940 / 8196	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11340 /10385	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11520 /10551	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 02-OCT-1981	First Sample Examined: 0
Lease Number: G03287	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13519
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 11496
API Well Number: 177034019300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 06-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9528 / 8450	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10650 / 9284	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11944 / 10182	DEF AT local marker benthic foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary:	First Sample Examined: 0
Lease Number: G03288	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15525
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15518
API Well Number: 177034014400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 4	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 /10488	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13440 /13435	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 18-JAN-1978	First Sample Examined: 4700
Lease Number: G03288	Source of Paleo: OPERATOR	Borehole MD: 15525
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15518
API Well Number: 177034014400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 4	Sample Range: 4700 - 15500	Water Depth: 49
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4699	DEF AT first sample examined	DEF AT 2
5360 / 5359	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5720 / 5719	DEF AT - - - - -	DEF AT 3
6290 / 6289	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7670 / 7669	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8000 / 7999	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8390 / 8388	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9320 / 9318	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10490 / 10488	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11000 / 10997	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12110 / 12107	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
13380 / 13376	DEF AT - - - - -	POS AT 4
13440 / 13435	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
15500 / 15493	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G03288	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15525
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15518
API Well Number: 177034014400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 3 of 4	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6200 / 6199	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7680 / 7679	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8000 / 7999	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8390 / 8388	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8710 / 8708	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9320 / 9318	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10485 /10483	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11145 /11142	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12110 /12107	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
13440 /13435	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 23-FEB-1998	First Sample Examined: 0
Lease Number: G03288	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15525
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15518
API Well Number: 177034014400	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS: N	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5360 / 5359	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6200 / 6199	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7680 / 7679	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8000 / 7999	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8390 / 8388	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8710 / 8708	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9320 / 9318	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10485 / 10483	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11145 / 11142	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12110 / 12107	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
13440 / 13435	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 46	<b>Date of Summary:</b> 15-SEP-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03288	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12259
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11611
<b>API Well Number:</b> 177034037100	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 04-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 8639	DEF AT -----	DEF AT 3
9560 / 9130	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9800 / 9350	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10920 / 10377	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G03288	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12419
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 10788
API Well Number: 177034043800	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 23-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9916 / 8623	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10957 / 9518	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12006 /10429	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12320 /10701	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 46	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03288	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11205
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 10671
API Well Number: 177034039500	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 17-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6990 / 6579	DEF AT -----	DEF AT 2
7080 / 6664	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8140 / 7673	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8520 / 8044	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8760 / 8278	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
9020 / 8531	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
9880 / 9366	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 46	<b>Date of Summary:</b> 02-OCT-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03288	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11865
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11865
<b>API Well Number:</b> 177034017900	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 49
<b>Public Info Code:</b> Y 11-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8436 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9610 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10170 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11230 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 50	Date of Summary: 16-APR-1982	First Sample Examined: 0
Lease Number: G04415	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11717
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11381
API Well Number: 177034037800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 06-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4510	DEF AT -----	DEF AT 2
5560 / 5560	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7960 / 7950	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8800 / 8789	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8980 / 8964	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9550 / 9482	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11550 / 11238	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11650 / 11324	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 50	<b>Date of Summary:</b> 18-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04415	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8900
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8900
<b>API Well Number:</b> 177034040200	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 06-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6280 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6960 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8620 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8840 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 58 <b>Lease Number:</b> G03530 <b>Well Name:</b> 001 <b>API Well Number:</b> 177034017700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 29-SEP-1991</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11364 <b>Borehole TVD:</b> 11364 <b>Rkb Elevation:</b> 93 <b>Water Depth:</b> 49 <b>Paleo ID:</b> 001</p>
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6038 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7550 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
8219 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8737 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9065 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10140 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10610 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 58	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G03530	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13601
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11790
API Well Number: 177034036900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 29-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5608 / 5594	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8516 / 8071	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9160 / 8566	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10243 / 9340	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11952 / 10626	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
12615 / 11112	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13508 / 11726	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 58	Date of Summary: 09-OCT-1989	First Sample Examined: 0
Lease Number: G03530	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8499
API Well Number: 177034058200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8002 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8315 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 58	Date of Summary: 29-SEP-1983	First Sample Examined: 0
Lease Number: G03530	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9955
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9591
API Well Number: 177034017701	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6916 / 6725	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7224 / 7016	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
8630 / 8330	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9207 / 8875	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 58	Date of Summary: 12-JUL-1982	First Sample Examined: 0
Lease Number: G03530	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11370
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11124
API Well Number: 177034035102	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5340 / 5291	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7260 / 7148	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
8320 / 8168	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8878 / 8708	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10430 / 10207	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10675 / 10446	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11280 / 11036	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 58	<b>Date of Summary:</b> 26-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03530	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11504
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11249
<b>API Well Number:</b> 177034022800	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 29-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8375 / 8139	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8913 / 8666	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10700 /10445	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 58	Date of Summary: 27-MAR-1981	First Sample Examined: 0
Lease Number: G03530	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12425
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11498
API Well Number: 177034034200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 / 8559	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10275 / 9372	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11668 / 10757	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 01-OCT-1992	First Sample Examined: 0
Lease Number: G04416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12432
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12432
API Well Number: 177034038000	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6380 / 6380	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7010 / 7010	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7610 / 7610	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8360 / 8360	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9590 / 9590	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10400 / 10400	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11690 / 11690	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 02-DEC-1982	First Sample Examined: 0
Lease Number: G04416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12850
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12433
API Well Number: 177034038700	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6200 / 6116	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7160 / 7003	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8840 / 8530	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9140 / 8805	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10432 / 10022	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11990 / 11574	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12570 / 12153	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 01-OCT-1992	First Sample Examined: 0
Lease Number: G04416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12850
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12433
API Well Number: 177034038700	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6116	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7160 / 7003	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8840 / 8530	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9410 / 9056	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10430 / 10020	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11990 / 11574	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 01-OCT-1992	First Sample Examined: 0
Lease Number: G04416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11575
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10885
API Well Number: 177034042600	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6170 / 5905	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7340 / 6992	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7640 / 7270	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9020 / 8555	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10220 / 9652	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10880 / 10257	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 23-FEB-1984	First Sample Examined: 7000
Lease Number: G04416	Source of Paleo: OPERATOR	Borehole MD: 12529
Well Name: C006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11653
API Well Number: 177034044100	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 7000 - 12520	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 6903	DEF AT first sample examined	DEF IN 2
7300 / 7156	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7540 / 7353	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7930 / 7672	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8920 / 8519	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9040 / 8625	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9070 / 8651	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9610 / 9120	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10060 / 9513	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12040 / 11212	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12520 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 18-APR-1985	First Sample Examined: 0
Lease Number: G04416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12529
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 11653
API Well Number: 177034044100	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 / 7156	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7930 / 7672	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9040 / 8625	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10060 / 9513	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12040 / 11212	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 65	Date of Summary: 16-MAY-1985	First Sample Examined: 4090
Lease Number: G04416	Source of Paleo: OPERATOR	Borehole MD: 10972
Well Name: C007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10507
API Well Number: 177034050200	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4090 - 10960	Water Depth: 52
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 4090	DEF AT first sample examined	DEF AT 1
4300 / 4299	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6820 / 6646	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7240 / 7034	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
7780 / 7535	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
8140 / 7869	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
8920 / 8590	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9070 / 8729	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9400 / 9034	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9880 / 9476	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
10000 / 9586	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10120 / 9697	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10420 / 9973	DEF AT cement	DEF AT 0
10600 /	DEF AT - - - - -	DEF AT 3
10630 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10810 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 66	Date of Summary: 08-APR-1983	First Sample Examined: 4510
Lease Number: G04417	Source of Paleo: OPERATOR	Borehole MD: 9910
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9910
API Well Number: 177034043200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4510 - 9680	Water Depth: 60
Public Info Code: Y 01-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 / 4510	DEF AT first sample examined	DEF IN 2
6010 / 6010	DEF AT sample gap top	POS IN 2
6210 / 6210	DEF AT sample gap bottom	DEF IN 2
7140 / 7140	DEF AT faunal change (no faunal increase)	DEF AT 3
7980 / 7980	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8460 / 8460	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9680 / 9680	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 66	Date of Summary: 15-JUN-1983	First Sample Examined: 10220
Lease Number: G04417	Source of Paleo: OPERATOR	Borehole MD: 11839
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11838
API Well Number: 177034043600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10220 - 11839	Water Depth: 60
Public Info Code: Y 23-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10220 /10219	DEF AT first sample examined	DEF IN 3
10370 /10369	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10400 /10399	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10910 /10909	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11300 /11299	DEF AT faunal change (no faunal increase)	DEF AT 4
11839 /11838	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 76	Date of Summary:	First Sample Examined: 0
Lease Number: G01475	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8365
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8365
API Well Number: 177032001400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5960 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11200 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 76 <b>Lease Number:</b> G01475 <b>Well Name:</b> 004 <b>API Well Number:</b> 177032003200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 29-MAR-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 18214 <b>Borehole TVD:</b> 18214 <b>Rkb Elevation:</b> 89 <b>Water Depth:</b> 58 <b>Paleo ID:</b> 001
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7350 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9250 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10060 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11095 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
14925 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 76	Date of Summary: 23-APR-1981	First Sample Examined: 3516
Lease Number: G01475	Source of Paleo: OPERATOR	Borehole MD: 17900
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 17900
API Well Number: 177034022500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 3516 - 17870	Water Depth: 56
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3516 /	DEF AT first sample examined	DEF AT 1
3517 /	DEF AT cement	DEF AT 1
4361 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4453 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6277 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6474 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6714 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7280 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9205 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 2
11120 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11300 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12890 /	POS AT deepwater facies Harang	DEF AT 3
13980 /	DEF AT local marker planktic foram increase	DEF AT 3
14880 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
17870 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 76	Date of Summary: 06-FEB-1985	First Sample Examined: 3516
Lease Number: G01475	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17900
Well Name: 005	Paleo Done By: ED COTTON	Borehole TVD: 17900
API Well Number: 177034022500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3516 - 17870	Water Depth: 56
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3516 /	DEF AT first sample examined	POS AT 1
3517 /	DEF AT cement	POS AT 1
3638 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4886 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5499 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5878 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6277 /	DEF AT local marker planktic foram increase	DEF AT 2
6372 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6534 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6997 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
7207 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
7247 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7370 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7840 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
7960 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
8140 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
8170 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8280 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8340 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8590 /	DEF AT limestone	DEF AT 2
8650 /	DEF AT faunal change (no faunal increase)	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 76	Date of Summary: 06-FEB-1985	First Sample Examined: 3516
Lease Number: G01475	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17900
Well Name: 005	Paleo Done By: ED COTTON	Borehole TVD: 17900
API Well Number: 177034022500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3516 - 17870	Water Depth: 56
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8740 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
8800 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9112 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9235 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9642 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9794 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10124 /	DEF AT cement	POS AT 4
10259 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10380 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10537 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
10630 /	DEF AT limestone	DEF AT 3
10850 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10880 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
10910 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
11510 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
11570 /	DEF AT local marker foram increase	DEF AT 4
11840 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12190 /	DEF AT Bathysiphon fauna	DEF AT 4
12310 /	DEF AT local marker foram increase	DEF AT 4
12490 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
12829 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
12980 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
13108 /	DEF AT Bathysiphon fauna	DEF AT 4
13360 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 76	Date of Summary: 06-FEB-1985	First Sample Examined: 3516
Lease Number: G01475	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17900
Well Name: 005	Paleo Done By: ED COTTON	Borehole TVD: 17900
API Well Number: 177034022500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3516 - 17870	Water Depth: 56
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14536 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
14820 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
15610 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
17870 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 81	Date of Summary:	First Sample Examined: 0
Lease Number: G01477	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13334
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 12153
API Well Number: 177034018600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 18-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11462 /10639	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 81	Date of Summary:	First Sample Examined: 0
Lease Number: G01477	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13268
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 12699
API Well Number: 177034020900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 05-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11050 /10607	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12078 /11576	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 89	Date of Summary: 12-APR-1985	First Sample Examined: 0
Lease Number: G00935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12685
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 10726
API Well Number: 177034021700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 16-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 7034	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7722 / 7290	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8960 / 8300	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
9162 / 8451	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
11254 / 9873	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 90	Date of Summary: 28-SEP-1988	First Sample Examined: 0
Lease Number: G08642	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13900
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13897
API Well Number: 177034056200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 29-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6480 / 6479	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6780 / 6779	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7410 / 7409	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7980 / 7979	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8052 / 8051	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 0
9300 / 9299	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10380 / 10379	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11730 / 11728	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12030 / 12028	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13350 / 13348	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 90	Date of Summary: 08-NOV-1991	First Sample Examined: 0
Lease Number: G08642	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11197
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8453
API Well Number: 177034060700	Drilling Operator: PETROBRAS AMERICA INC	Rkb Elevation: 133
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 29-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8045 / 6250	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
10609 / 8028	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 96	Date of Summary: 31-AUG-1984	First Sample Examined: 5000
Lease Number: G03293	Source of Paleo: OPERATOR	Borehole MD: 12066
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12058
API Well Number: 177034010300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12066	Water Depth: 66
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT 0
7420 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9180 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9800 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
10110 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12066 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 97	Date of Summary: 09-OCT-1990	First Sample Examined: 0
Lease Number: G03294	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14660
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14619
API Well Number: 177034059600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 12-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 / 7170	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7440 / 7440	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9870 / 9869	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10050 / 10049	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12400 / 12392	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 104	Date of Summary: 19-OCT-1979	First Sample Examined: 4030
Lease Number: G03975	Source of Paleo: OPERATOR	Borehole MD: 12503
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11537
API Well Number: 177034020800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 4030 - 12460	Water Depth: 64
Public Info Code: Y 15-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4030	DEF AT first sample examined	DEF AT 2
5380 / 5380	DEF AT -----	DEF AT 3
5530 / 5530	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5980 / 5980	DEF AT -----	DEF AT 2
6220 / 6220	DEF AT -----	DEF AT 3
6970 / 6969	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7240 / 7239	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8020 / 8018	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8440 / 8438	DEF AT -----	DEF AT 3
8620 / 8618	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9100 / 9097	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9220 / 9217	DEF AT -----	DEF AT 3
9280 / 9277	DEF AT -----	DEF AT 4
9760 / 9757	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10090 /10087	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10210 /10207	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10390 /10385	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10660 /10646	DEF AT -----	DEF AT 3
10870 /10841	DEF AT -----	DEF AT 4
11110 /11058	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12040 /11556	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
12250 /11561	DEF AT -----	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 104	<b>Date of Summary:</b> 19-OCT-1979	<b>First Sample Examined:</b> 4030
<b>Lease Number:</b> G03975	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12503
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11537
<b>API Well Number:</b> 177034020800	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4030 - 12460	<b>Water Depth:</b> 64
<b>Public Info Code:</b> Y 15-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12460 /11543	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 104	Date of Summary: 21-MAY-1980	First Sample Examined: 6485
Lease Number: G03975	Source of Paleo: OPERATOR	Borehole MD: 9578
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8980
API Well Number: 177034033100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 6485 - 9570	Water Depth: 35
Public Info Code: Y 15-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6485 / 6448	DEF AT first sample examined	DEF AT 2
6486 / 6449	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7380 / 7288	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7590 / 7481	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8010 / 7849	DEF AT faunal change (no faunal increase)	DEF AT 4
8280 / 8068	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8430 / 8184	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
9000 / 8587	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9570 / 8974	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 104	Date of Summary: 24-JUN-1980	First Sample Examined: 7860
Lease Number: G03975	Source of Paleo: OPERATOR	Borehole MD: 10400
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9798
API Well Number: 177034033101	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7860 - 10350	Water Depth: 64
Public Info Code: Y 15-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 / 7714	DEF AT cement	DEF AT 0
8100 / 7921	DEF AT - - - - -	DEF AT 3
8280 / 8077	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8820 / 8543	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9120 / 8803	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9390 / 9035	DEF AT cement	DEF AT 0
9720 / 9311	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9990 / 9521	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10350 / 9767	DEF AT Cyclammina cancellata (local marker)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 104	Date of Summary: 21-APR-1980	First Sample Examined: 6000
Lease Number: G03975	Source of Paleo: OPERATOR	Borehole MD: 11950
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10679
API Well Number: 177034022100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 6000 - 11910	Water Depth: 62
Public Info Code: Y 15-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5657	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8550 / 7765	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9030 / 8173	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
9570 / 8634	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9720 / 8762	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10020 / 9021	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11040 / 9907	DEF AT -----	DEF AT 4
11220 /10062	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11610 /10403	DEF AT Cyclammina sp. (local marker)	DEF AT 5
11910 /10648	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 104	Date of Summary: 11-AUG-1980	First Sample Examined: 6530
Lease Number: G03975	Source of Paleo: OPERATOR	Borehole MD: 10908
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10593
API Well Number: 177034033600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6530 - 10850	Water Depth: 64
Public Info Code: Y 15-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6530 / 6481	DEF AT first sample examined	DEF AT 2
7340 / 7231	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7540 / 7415	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8120 / 7957	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8300 / 8128	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8780 / 8584	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9050 / 8840	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10190 / 9912	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10430 / 10142	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10580 / 10286	DEF AT Eggerella sp. (local marker)	DEF AT 5
10610 / 10315	DEF AT poor sample interval top	DEF AT 0
10790 / 10488	DEF AT Cyclammina cancellata (local marker)	DEF AT 0
10849 / 10545	DEF AT poor sample interval bottom	DEF AT 0
10850 / 10546	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 106	<b>Date of Summary:</b> 19-MAY-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08644	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12302
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12287
<b>API Well Number:</b> 177034055200	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8960 /	POS AT local marker (general)	DEF AT 0
9950 /	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11400 /	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 106	Date of Summary: 17-JAN-1989	First Sample Examined: 0
Lease Number: G08644	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11511
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10987
API Well Number: 177034057100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9275 / 9123	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10470 /10119	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 106	Date of Summary: 14-MAR-1988	First Sample Examined: 0
Lease Number: G08644	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177034054800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5760 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7320 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7950 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8250 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8520 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9180 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9830 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10730 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 121	Date of Summary: 31-MAR-1987	First Sample Examined: 0
Lease Number: G07647	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9132
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9031
API Well Number: 177034052901	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 06-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 / 8870	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 121	Date of Summary: 24-APR-1987	First Sample Examined: 0
Lease Number: G07647	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7706
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7519
API Well Number: 177034053100	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 06-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7267 / 7095	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7551 / 7369	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 122	Date of Summary: 27-JUN-1985	First Sample Examined: 0
Lease Number: G05365	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10188
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10188
API Well Number: 177034050300	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 31-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4440 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5670 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6570 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7230 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7440 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7650 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8310 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8940 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9030 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9916 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10110 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10170 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 122	Date of Summary: 31-MAR-1987	First Sample Examined: 0
Lease Number: G05365	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7422
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7369
API Well Number: 177034052700	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 31-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6644 / 6604	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 129	Date of Summary:	First Sample Examined: 0
Lease Number: G03534	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9416
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9412
API Well Number: 177034016500	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 01-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7780 / 7779	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8600 / 8598	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 129	Date of Summary:	First Sample Examined: 0
Lease Number: G03534	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10137
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10133
API Well Number: 177034016600	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 01-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7740 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10080 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 129	<b>Date of Summary:</b> 02-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03534	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12152
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10173
<b>API Well Number:</b> 177034040500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 01-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 / 6972	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7250 / 7060	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
10280 / 9106	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11210 / 9664	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
12020 / 10104	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 129	Date of Summary: 24-OCT-1984	First Sample Examined: 0
Lease Number: G03534	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12152
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10173
API Well Number: 177034040500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 01-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7416	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
10300 / 9118	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
10800 / 9417	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 129	Date of Summary: 20-SEP-1984	First Sample Examined: 0
Lease Number: G05366	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13280
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11436
API Well Number: 177034045800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 28-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10150 / 9092	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
10950 / 9659	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
11900 /10390	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12200 /10627	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12650 /10975	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 129	Date of Summary: 10-SEP-1984	First Sample Examined: 0
Lease Number: G05366	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11613
API Well Number: 177034047200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 28-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9100 / 7764	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11800 / 9907	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12400 / 10389	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
12500 / 10474	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12900 / 10818	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13400 / 11218	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 131	<b>Date of Summary:</b> 31-MAR-1982	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G03535	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13635
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 13635
<b>API Well Number:</b> 177034036200	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4500 - 10290	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF AT 1
6180 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7350 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8370 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 1
8790 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9000 /	DEF AT sample gap top	DEF AT 0
9269 /	DEF AT sample gap bottom	DEF AT 0
9270 /	DEF AT - - - - -	DEF AT 2
9390 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9780 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9930 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10050 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10290 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 131	Date of Summary: 31-MAR-1982	First Sample Examined: 6980
Lease Number: G03535	Source of Paleo: OPERATOR	Borehole MD: 13635
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13635
API Well Number: 177034036200	Drilling Operator: CONOCO INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 6980 - 13600	Water Depth: 80
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT first sample examined	DEF AT 1
7340 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
7610 /	DEF AT sample gap top	DEF AT 0
7739 /	DEF AT sample gap bottom	DEF AT 0
7740 /	DEF AT -----	DEF AT 1
8090 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 2
8750 /	DEF AT sample gap top	DEF AT 0
8779 /	DEF AT sample gap bottom	DEF AT 0
8780 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9380 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9560 /	DEF AT sample gap top	DEF AT 0
9619 /	DEF AT sample gap bottom	DEF AT 0
9620 /	DEF AT -----	DEF AT 1
9860 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
10100 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10250 /	DEF AT cement	DEF AT 0
10600 /	DEF AT -----	DEF AT 2
11090 /	DEF AT -----	DEF AT 4
11150 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11330 /	DEF AT sample gap top	DEF AT 0
11499 /	DEF AT sample gap bottom	DEF AT 0
11500 /	DEF AT poor sample interval top	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 131	Date of Summary: 31-MAR-1982	First Sample Examined: 6980
Lease Number: G03535	Source of Paleo: OPERATOR	Borehole MD: 13635
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13635
API Well Number: 177034036200	Drilling Operator: CONOCO INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 6980 - 13600	Water Depth: 80
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12579 /	DEF AT poor sample interval bottom	DEF AT 0
12580 /	DEF AT -----	DEF AT 4
12700 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13030 /	DEF AT local marker deep water fauna	DEF AT 5
13600 /	DEF AT local marker deep water fauna	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 149	Date of Summary: 12-DEC-1989	First Sample Examined: 0
Lease Number: G08416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12973
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10399
API Well Number: 177034058400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 09-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 7018	POS IN Pliocene	DEF AT 0
11900 / 9749	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 149	Date of Summary: 14-FEB-1990	First Sample Examined: 5300
Lease Number: G08416	Source of Paleo: OPERATOR	Borehole MD: 12973
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10399
API Well Number: 177034058400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 3470 - 12980	Water Depth: 82
Public Info Code: Y 09-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5300 / 5300	DEF AT first sample examined	DEF AT 1
6500 / 6409	DEF AT -----	DEF AT 2
6920 / 6726	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8100 / 7430	DEF AT -----	DEF AT 3
9230 / 8107	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10700 / 9011	DEF AT -----	DEF AT 4
11400 / 9443	DEF AT -----	DEF AT 3
12400 / 10051	DEF AT -----	DEF AT 4
12620 / 10183	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 161	Date of Summary: 20-MAR-1984	First Sample Examined: 4550
Lease Number: G05375	Source of Paleo: OPERATOR	Borehole MD: 14776
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14776
API Well Number: 177034045600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4550 - 14720	Water Depth: 84
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 /	DEF AT first sample examined	DEF IN 2
6890 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7340 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9110 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9890 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10520 /	DEF AT local marker (general)	DEF AT 4
11120 /	DEF AT local marker (general)	DEF AT 4
11210 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12470 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13520 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
13730 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
14720 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 167	Date of Summary: 30-DEC-1991	First Sample Examined: 0
Lease Number: G09451	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13686
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13686
API Well Number: 177034062200	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12165 /12160	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 167	Date of Summary: 21-FEB-1992	First Sample Examined: 0
Lease Number: G09451	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14449
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14449
API Well Number: 177034062400	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13690 /13685	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 172	Date of Summary: 07-MAR-1986	First Sample Examined: 0
Lease Number: G07648	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12406
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12406
API Well Number: 177034052500	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8312 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10892 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 178	Date of Summary:	First Sample Examined: 8000
Lease Number: G05376	Source of Paleo: OPERATOR	Borehole MD: 14691
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14691
API Well Number: 177034049400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 91
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 1
8700 /	DEF AT -----	DEF AT 2
10400 /	DEF AT -----	DEF AT 3
10540 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10570 /	DEF AT -----	DEF AT 4
10800 /	DEF AT -----	DEF AT 3
12200 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13300 /	DEF AT -----	DEF AT 2
13900 /	DEF AT -----	DEF AT 3
14690 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 178	Date of Summary: 17-AUG-1985	First Sample Examined: 8800
Lease Number: G05376	Source of Paleo: OPERATOR	Borehole MD: 15139
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15117
API Well Number: 177034052400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4030 - 14360	Water Depth: 90
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8800 / 8796	DEF AT first sample examined	DEF AT 2
10520 /10513	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11000 /10992	DEF AT faunal change (no faunal increase)	DEF AT 3
12900 /12889	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13400 /13388	DEF AT faunal change (no faunal increase)	DEF AT 2
14360 /14345	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 178	Date of Summary: 28-APR-1986	First Sample Examined: 0
Lease Number: G05376	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15139
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15117
API Well Number: 177034052400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8800 / 8796	POS AT Upper Pliocene	DEF AT 0
12900 / 12889	POS AT Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 195	Date of Summary: 05-APR-1982	First Sample Examined: 3600
Lease Number: G00958	Source of Paleo: OPERATOR	Borehole MD: 13750
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12200
API Well Number: 177034021100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3600 - 13750	Water Depth: 102
Public Info Code: Y 04-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 / 3243	DEF AT first sample examined	DEF IN 2
7950 / 6520	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8640 / 7167	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10080 / 8560	DEF AT -----	DEF AT 4
10860 / 9334	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11640 /10111	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12060 /10530	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13170 /11635	DEF AT -----	DEF AT 5
13750 /12213	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 195	Date of Summary: 15-JUN-1982	First Sample Examined: 6570
Lease Number: G00958	Source of Paleo: OPERATOR	Borehole MD: 13361
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12887
API Well Number: 177034039300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 6570 - 13360	Water Depth: 102
Public Info Code: Y 25-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 6562	DEF AT first sample examined	DEF IN 2
6670 / 6659	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7890 / 7801	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9665 / 9382	DEF AT - - - - -	DEF AT 4
9725 / 9434	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11170 /10728	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11560 /11103	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13360 /12886	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 196	Date of Summary: 14-JUN-1988	First Sample Examined: 0
Lease Number: G05379	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177034055900	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 01-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2950 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 202	<b>Date of Summary:</b> 12-MAY-1988	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G05381	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11429
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11429
<b>API Well Number:</b> 177034055500	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3500 - 11420	<b>Water Depth:</b> 105
<b>Public Info Code:</b> Y 28-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF IN 1
4400 /	DEF AT -----	DEF AT 2
7430 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7550 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9350 /	DEF AT -----	DEF AT 4
11150 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11420 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 202	<b>Date of Summary:</b> 23-MAY-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05381	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11429
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11429
<b>API Well Number:</b> 177034055500	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 105
<b>Public Info Code:</b> Y 28-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7430 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7750 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11150 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 203	Date of Summary: 25-SEP-1984	First Sample Examined: 4290
Lease Number: G05382	Source of Paleo: OPERATOR	Borehole MD: 13649
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13649
API Well Number: 177034048200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4290 - 13650	Water Depth: 100
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4290 /	DEF AT first sample examined	DEF IN 1
4291 /	DEF AT poor sample interval top	DEF AT 1
5910 /	DEF AT -----	DEF AT 2
6000 /	DEF AT poor sample interval bottom	DEF AT 2
6180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6990 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9510 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10830 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13410 /	DEF AT -----	DEF AT 5
13650 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 203	<b>Date of Summary:</b> 05-FEB-1986	<b>First Sample Examined:</b> 1050
<b>Lease Number:</b> G05382	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12866
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12866
<b>API Well Number:</b> 177034052300	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1050 - 12840	<b>Water Depth:</b> 104
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 /	DEF AT first sample examined	DEF IN 2
1350 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5550 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5580 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6870 /	DEF AT -----	DEF AT 3
7050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8880 /	DEF AT -----	DEF AT 4
9660 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9810 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12840 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 206	Date of Summary: 11-OCT-1990	First Sample Examined: 0
Lease Number: G07650	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8088
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7752
API Well Number: 177034060200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 15-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7730 / 7400	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 206	Date of Summary: 11-OCT-1990	First Sample Examined: 0
Lease Number: G07650	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7944
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7733
API Well Number: 177034060201	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 15-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7730 / 7519	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 209	Date of Summary: 07-FEB-1989	First Sample Examined: 0
Lease Number: G06628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11665
API Well Number: 177034057600	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5012 / 5012	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6697 / 6697	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
7014 / 7014	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 03-APR-1981	First Sample Examined: 3600
Lease Number: G03297	Source of Paleo: OPERATOR	Borehole MD: 8005
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8005
API Well Number: 177034036100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 3600 - 7500	Water Depth: 110
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF IN 2
5760 / 5760	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6900 / 6900	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7500 / 7499	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 09-SEP-1981	First Sample Examined: 0
Lease Number: G03297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8005
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8005
API Well Number: 177034036100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6900	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G03297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12646
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10749
API Well Number: 177034034000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 / 7969	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10430 / 9132	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G03297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11879
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9994
API Well Number: 177034036700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6805	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7320 / 7204	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 11-NOV-1981	First Sample Examined: 4500
Lease Number: G03297	Source of Paleo: OPERATOR	Borehole MD: 11933
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10260
API Well Number: 177034037200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 4	Sample Range: 4500 - 10470	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF IN 2
6420 / 6270	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9060 / 8141	DEF AT -----	DEF AT 3
9150 / 8207	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9270 / 8295	DEF AT -----	DEF AT 4
10350 / 9108	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10470 / 9196	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 11-NOV-1981	First Sample Examined: 8640
Lease Number: G03297	Source of Paleo: OPERATOR	Borehole MD: 11933
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10260
API Well Number: 177034037200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 4	Sample Range: 8640 - 11910	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8640 / 7834	DEF AT cement	DEF AT 0
8850 / 7989	DEF AT -----	DEF IN 2
9150 / 8207	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9810 / 8704	DEF AT -----	DEF AT 4
10440 / 9174	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11910 / 10245	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 15-APR-1982	First Sample Examined: 0
Lease Number: G03297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11933
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10260
API Well Number: 177034037200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 3 of 4	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS:	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6270	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9150 / 8207	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10350 / 9108	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G03297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11933
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10260
API Well Number: 177034037200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6270	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9150 / 8207	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10440 / 9174	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 29-DEC-1981	First Sample Examined: 4720
Lease Number: G03297	Source of Paleo: OPERATOR	Borehole MD: 10242
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9356
API Well Number: 177034038200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4720 - 10240	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4720 / 4512	DEF AT first sample examined	DEF IN 2
5140 / 4886	DEF AT -----	DEF AT 3
5320 / 5046	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5440 / 5152	DEF AT -----	DEF AT 2
7270 / 6746	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7300 / 6773	DEF AT -----	DEF AT 3
7900 / 7293	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9340 / 8548	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10240 / 9355	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G03297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10242
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9356
API Well Number: 177034038200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7293	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 215	Date of Summary: 11-FEB-1982	First Sample Examined: 7170
Lease Number: G03297	Source of Paleo: OPERATOR	Borehole MD: 9425
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8845
API Well Number: 177034038900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7170 - 9420	Water Depth: 113
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 / 6785	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
7900 / 7454	DEF AT local marker (general)	DEF AT 3
8520 / 8016	DEF AT -----	DEF AT 4
9420 / 8841	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 220	Date of Summary: 19-JUN-1990	First Sample Examined: 0
Lease Number: G03323	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177034020700	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 18-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 / 8150	POS IN Pleistocene	DEF AT 0
10250 /10249	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12500 /12499	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 220	Date of Summary: 17-APR-1989	First Sample Examined: 0
Lease Number: G03323	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13230
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11328
API Well Number: 177034039900	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 7484	POS IN Pleistocene	DEF AT 0
8961 / 7485	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 220	Date of Summary: 06-JAN-1984	First Sample Examined: 0
Lease Number: G03323	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3928
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 3602
API Well Number: 177034040800	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 17-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3927 / 3591	POS AT Upper Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 222	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G02037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13847
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 12540
API Well Number: 177034033300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 05-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6850 / 6226	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7530 / 6838	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0
11240 /10168	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11460 /10356	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 222	Date of Summary: 15-APR-1982	First Sample Examined: 0
Lease Number: G02037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10176
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9652
API Well Number: 177034006601	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 19-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6135	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7200 / 6735	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0
10300 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 222	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10549
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 177034034900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 18-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6330 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6980 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0
10300 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 222	<b>Date of Summary:</b> 11-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02037	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12217
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11571
<b>API Well Number:</b> 177034033400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 09-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6238	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7420 / 6830	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0
10900 / 10260	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 222	<b>Date of Summary:</b> 11-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02037	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12655
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12065
<b>API Well Number:</b> 177034034700	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 10-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6235	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7050 / 6807	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0
10520 /10099	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10850 /10405	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 222	<b>Date of Summary:</b> 25-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02037	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10679
<b>Well Name:</b> A013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10173
<b>API Well Number:</b> 177034034800	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 05-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6300	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7400 / 6899	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0
9100 / 8598	POS AT local marker (general)	DEF AT 0
10300 / 9798	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 222	<b>Date of Summary:</b> 31-MAY-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02037	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8940
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8400
<b>API Well Number:</b> 177034037000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 30-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 / 6451	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7390 / 6851	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 229	Date of Summary: 28-AUG-1981	First Sample Examined: 0
Lease Number: G00966	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6519
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6261
API Well Number: 177034035900	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3415 / 3350	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
4545 / 4389	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 229	Date of Summary: 28-OCT-1981	First Sample Examined: 0
Lease Number: G00966	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7692
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 7008
API Well Number: 177034036000	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 22-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4698 / 4152	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5958 / 5334	DEF AT local marker (general)	DEF AT 0
6498 / 5854	DEF AT local marker (general)	DEF AT 0
6890 / 6232	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 229	Date of Summary: 20-APR-1982	First Sample Examined: 0
Lease Number: G00966	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7692
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 7008
API Well Number: 177034036000	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 22-AUG-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: 6498=Charles fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4698 / 4152	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
5958 / 5334	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0
6498 / 5854	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 06-MAY-1981	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10673
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10508
API Well Number: 177034016100	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 13-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4745 / 4724	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6290 / 6226	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10673 / 10508	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 07-APR-1981	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10980
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 10146
API Well Number: 177034020200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 08-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5080 / 5050	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6500 / 6237	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11040
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 10518
API Well Number: 177034020100	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 17-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4790	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6810 / 6358	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10443
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 10124
API Well Number: 177034021500	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 19-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4786	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6500 / 6257	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 15-JUN-1981	First Sample Examined: 6000
Lease Number: G02038	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12932
API Well Number: 177034035600	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 6000 - 11490	Water Depth: 119
Public Info Code: Y 09-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5999	DEF AT first sample examined	DEF IN 3
7020 / 7019	DEF AT faunal change (no faunal increase)	DEF AT 4
7140 / 7139	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8430 / 8429	DEF AT local marker (general)	DEF AT 4
9945 / 9944	DEF AT sample gap top	POS AT 4
10890 /10887	DEF AT sample gap bottom	DEF AT 4
11010 /11007	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11490 /11487	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 15-JUN-1981	First Sample Examined: 10470
Lease Number: G02038	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12932
API Well Number: 177034035600	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 10470 - 13000	Water Depth: 119
Public Info Code: Y 09-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10470 /10468	DEF AT first sample examined	DEF AT 5
10471 /10469	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11910 /11905	DEF AT faunal change (no faunal increase)	DEF AT 6
13000 /12933	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10477
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 9546
API Well Number: 177034037700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 02-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3197	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4635 / 4631	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10200
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 9890
API Well Number: 177034037500	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 22-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4475 / 4475	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9300 / 9085	DEF AT faunal change (no faunal increase)	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 231	<b>Date of Summary:</b> 17-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02038	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9156
<b>Well Name:</b> E001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8490
<b>API Well Number:</b> 177034036300	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 119
<b>Public Info Code:</b> Y 17-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4657	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6120 / 5738	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7230 / 6746	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8980 / 8333	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G04100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12357
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 10779
API Well Number: 177034051000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 25-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5116	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7130 / 6395	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G04100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12603
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 10984
API Well Number: 177034051100	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 25-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4824	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7130 / 6382	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 231	Date of Summary: 11-SEP-1984	First Sample Examined: 0
Lease Number: G04100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11150
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 9921
API Well Number: 177034051101	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 25-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4824	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7130 / 6382	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 232	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10911
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 9835
API Well Number: 177034041600	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 25-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 / 6803	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7810 / 7276	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 235	<b>Date of Summary:</b> 28-NOV-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05386	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12085
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12085
<b>API Well Number:</b> 177034047300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 121
<b>Public Info Code:</b> Y 04-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7870 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10675 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11615 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 236	Date of Summary: 15-MAR-1986	First Sample Examined: 0
Lease Number: G05387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12562
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11156
API Well Number: 177044063500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 132
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6910 / 6773	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9100 / 8459	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11520 / 10332	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 236	Date of Summary: 15-MAR-1986	First Sample Examined: 0
Lease Number: G05387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11102
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10783
API Well Number: 177044063501	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 132
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6770 / 6766	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8470 / 8352	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10520 / 10239	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 236	Date of Summary: 25-JUL-1988	First Sample Examined: 0
Lease Number: G05387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10550
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10550
API Well Number: 177044068000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6100 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8590 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 237 <b>Lease Number:</b> G02860 <b>Well Name:</b> A001 <b>API Well Number:</b> 177044046500 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 27-JAN-1993</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> C &amp; K PETROLEUM INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11633 <b>Borehole TVD:</b> 11632 <b>Rkb Elevation:</b> 91 <b>Water Depth:</b> 125 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /10399	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10580 /10579	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 237 <b>Lease Number:</b> G02860 <b>Well Name:</b> A001 <b>API Well Number:</b> 177044046500 <b>Paleo Report Num:</b> 2 of 2 <b>Public Info Code:</b> Y 27-JAN-1993</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> C &amp; K PETROLEUM INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11633 <b>Borehole TVD:</b> 11632 <b>Rkb Elevation:</b> 91 <b>Water Depth:</b> 125 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7430 / 7429	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8570 / 8569	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10070 / 10069	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 237	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G02860	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11856
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11495
API Well Number: 177044049000	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7920 / 7748	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8670 / 8463	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0
10350 / 10056	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 237	<b>Date of Summary:</b> 23-OCT-1980	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> G02860	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12800
<b>Well Name:</b> A003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 12424
<b>API Well Number:</b> 177044048400	<b>Drilling Operator:</b> C & K PETROLEUM INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3000 - 13000	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 27-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT 2
6020 / 6001	DEF AT -----	DEF AT 3
6380 / 6343	DEF AT -----	DEF AT 2
6970 / 6906	DEF AT -----	DEF AT 3
7450 / 7363	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7690 / 7592	DEF AT -----	DEF AT 3
8500 / 8366	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8890 / 8738	DEF AT -----	DEF AT 3
9760 / 9563	DEF AT -----	DEF AT 4
9940 / 9733	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10270 / 10043	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10690 / 10438	DEF AT -----	DEF AT 4
12070 / 11729	DEF AT -----	DEF AT 5
12580 / 12210	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 237	Date of Summary: 14-MAY-1981	First Sample Examined: 0
Lease Number: G02860	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12800
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12424
API Well Number: 177044048400	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 7363	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8500 / 8366	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0
9940 / 9733	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12580 / 12210	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 237	Date of Summary: 29-SEP-1983	First Sample Examined: 0
Lease Number: G02860	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11587
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10999
API Well Number: 177044049001	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7970 / 7407	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8960 / 8386	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0
10220 / 9638	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 237	Date of Summary: 24-OCT-1988	First Sample Examined: 0
Lease Number: G02860	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11042
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10873
API Well Number: 177044068200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7872 / 7872	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 237	Date of Summary: 10-NOV-1988	First Sample Examined: 0
Lease Number: G05387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6160
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4653
API Well Number: 177044069100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5832 / 4360	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 239	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G04100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13074
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11757
API Well Number: 177044049700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 25-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 4930	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6600 / 6600	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 239	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G04100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11447
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11339
API Well Number: 177044050900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 121
Public Info Code: Y 25-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3245 / 3245	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4870 / 4870	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6470 / 6470	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 239	Date of Summary: 15-FEB-1989	First Sample Examined: 0
Lease Number: G04100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12109
Well Name: G001	Paleo Done By: OPERATOR	Borehole TVD: 12089
API Well Number: 177044066300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 25-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8800 / 8798	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10440 /10437	DEF AT local marker (general)	DEF AT 0
12070 /12051	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 246	<b>Date of Summary:</b> 14-JAN-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07653	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6600
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6600
<b>API Well Number:</b> 177044073100	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 150
<b>Public Info Code:</b> Y 02-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6206 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 261	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G00971	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9882
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 177044057400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 24-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6366 / 6159	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8430 / 8064	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 261	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G01880	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10940
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10564
API Well Number: 177044057100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 01-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1799	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4500 / 4498	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5664 / 5629	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8933 / 8674	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10861 / 10491	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 266	Date of Summary: 21-DEC-1987	First Sample Examined: 0
Lease Number: G07654	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9198
API Well Number: 177044066500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 14-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5050 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 267	Date of Summary: 16-OCT-1985	First Sample Examined: 0
Lease Number: G06638	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9420
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9417
API Well Number: 177044062500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 22-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 5100	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6100 / 6100	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 267	Date of Summary: 05-FEB-1986	First Sample Examined: 0
Lease Number: G06638	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6998
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6357
API Well Number: 177044063701	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 22-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5355 / 4976	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5860 / 5426	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 267	Date of Summary: 27-JAN-1986	First Sample Examined: 0
Lease Number: G07654	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7989
API Well Number: 177044063700	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 14-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4791	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5800 / 5250	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 267	Date of Summary: 10-MAR-1986	First Sample Examined: 0
Lease Number: G07654	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8602
Well Name: A062	Paleo Done By: OPERATOR	Borehole TVD: 7501
API Well Number: 177044064100	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 14-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5190	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6500 / 5740	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 267	Date of Summary: 13-MAY-1987	First Sample Examined: 0
Lease Number: G07654	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5791
Well Name: A063	Paleo Done By: OPERATOR	Borehole TVD: 5330
API Well Number: 177044065200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 14-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 4964	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 271	Date of Summary: 03-APR-1987	First Sample Examined: 3980
Lease Number: G07655	Source of Paleo: OPERATOR	Borehole MD: 10514
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8601
API Well Number: 177044065100	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3980 - 10514	Water Depth: 175
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3655	DEF AT first sample examined	DEF IN 2
6330 / 5432	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8100 / 6782	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
8490 / 7080	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
8790 / 7317	DEF AT faunal change (no faunal increase)	DEF AT 4
10514 / 8602	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 271	Date of Summary: 16-JUL-1990	First Sample Examined: 0
Lease Number: G07655	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7763
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7763
API Well Number: 177044072800	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2140 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6370 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7630 /	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 271	Date of Summary: 19-FEB-1991	First Sample Examined: 0
Lease Number: G07655	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9225
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8730
API Well Number: 177044074300	Drilling Operator: WAYMAN W BUCHANAN INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6605	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6880 / 6796	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7780 / 7531	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 272	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8252
Well Name: C013	Paleo Done By: OPERATOR	Borehole TVD: 6591
API Well Number: 177044057700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 19-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 3741	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5600 / 4693	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7600 / 6108	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 273	Date of Summary:	First Sample Examined: 0
Lease Number: G02048	Source of Paleo: OPERATOR	Borehole MD: 9841
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9841
API Well Number: 177044002800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4810 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 273	Date of Summary: 29-MAY-1972	First Sample Examined: 927
Lease Number: G02048	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11921
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11921
API Well Number: 177044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 927 - 11900	Water Depth: 178
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
927 /	DEF AT first sample examined	POS AT 2
1051 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1237 /	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1957 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2536 /	DEF AT local marker benthic foram increase	DEF AT 2
3060 /	DEF AT local marker foram decrease	DEF AT 2
3420 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3510 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4999 /	DEF AT foram flood	DEF AT 3
5000 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5840 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7849 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7850 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8450 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8899 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8900 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
10580 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10729 /	DEF AT Bathysiphon fauna	DEF AT 4
10730 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
10790 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
11420 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 273	Date of Summary: 29-MAY-1972	First Sample Examined: 927
Lease Number: G02048	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11921
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11921
API Well Number: 177044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 927 - 11900	Water Depth: 178
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11750 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
11870 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11900 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 273	Date of Summary:	First Sample Examined: 0
Lease Number: G02048	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177044007600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 273 <b>Lease Number:</b> G02048 <b>Well Name:</b> A004 <b>API Well Number:</b> 177044009800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 31-AUG-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> OPERATOR <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11250 <b>Borehole TVD:</b> 11250 <b>Rkb Elevation:</b> 64 <b>Water Depth:</b> 178 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7100 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10800 /	DEF AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 273	Date of Summary:	First Sample Examined: 0
Lease Number: G02048	Source of Paleo: OPERATOR	Borehole MD: 11080
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10726
API Well Number: 177044016000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5480 / 5426	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7880 / 7729	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9440 / 9190	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 275	Date of Summary: 24-MAY-1988	First Sample Examined: 1230
Lease Number: G07658	Source of Paleo: OPERATOR	Borehole MD: 12063
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11100
API Well Number: 177044065000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1230 - 12060	Water Depth: 187
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1230 / 1230	DEF AT first sample examined	DEF IN 2
2250 / 2250	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6150 / 6150	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6990 / 6986	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7890 / 7834	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9930 / 9473	DEF AT - - - - -	DEF AT 4
11550 / 10684	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12060 / 11098	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 280	<b>Date of Summary:</b> 25-APR-1972	<b>First Sample Examined:</b> 250
<b>Lease Number:</b> G02049	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 8924
<b>Well Name:</b> 001	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 8924
<b>API Well Number:</b> 177044001200	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 250 - 8930	<b>Water Depth:</b> 171
<b>Public Info Code:</b> Y 04-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
250 /	DEF AT first sample examined	DEF AT 2
1770 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4610 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6380 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7070 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8090 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8780 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8930 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 280	Date of Summary: 03-JUL-1975	First Sample Examined: 0
Lease Number: G02049	Source of Paleo: OPERATOR	Borehole MD: 8318
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8318
API Well Number: 177044002300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 04-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5400 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7500 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 280	Date of Summary:	First Sample Examined: 0
Lease Number: G02049	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9482
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 8738
API Well Number: 177044037600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 04-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 / 1740	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3910 / 3701	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
4900 / 4575	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6550 / 6074	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9370 / 8642	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 282	Date of Summary: 17-MAY-1990	First Sample Examined: 4926
Lease Number: G07660	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14997
Well Name: A001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14992
API Well Number: 177044062600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 87
Paleo Report Num: 5 of 7	Sample Range: 4926 - 13130	Water Depth: 186
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 005

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4926 / 4926	DEF AT first sample examined	DEF AT 1
4927 / 4927	DEF AT shell fragments	DEF AT 1
5436 / 5435	DEF AT faunal change (no faunal increase)	DEF AT 2
7836 / 7833	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7926 / 7923	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8660 / 8657	DEF AT Cyclamina sp. (local marker)	DEF AT 4
9440 / 9437	DEF AT faunal change (no faunal increase)	DEF AT 3
11300 / 11296	DEF AT local marker foram increase	DEF AT 3
11570 / 11566	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11600 / 11596	DEF AT drilling material	POS AT 4
13130 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 282	Date of Summary: 15-JUN-1990	First Sample Examined: 9710
Lease Number: G07660	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14997
Well Name: A001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14992
API Well Number: 177044062600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 87
Paleo Report Num: 6 of 7	Sample Range: 9710 - 12650	Water Depth: 186
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9710 / 9707	DEF AT first sample examined	POS AT 3
9920 / 9916	POS AT faunal change (no faunal increase)	DEF AT 3
10820 /10816	DEF AT drilling material	DEF AT 3
11090 /11086	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11360 /11356	DEF AT faunal change (no faunal increase)	DEF AT 4
11540 /11536	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11810 /11806	DEF AT drilling material	POS AT 4
12560 /12555	DEF AT faunal change (no faunal increase)	DEF AT 3
12650 /12645	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 282	Date of Summary: 10-JUL-1990	First Sample Examined: 12020
Lease Number: G07660	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14997
Well Name: A001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14992
API Well Number: 177044062600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 87
Paleo Report Num: 7 of 7	Sample Range: 12020 - 14990	Water Depth: 186
Public Info Code: Y 11-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 007

Remark: Report=sidetrack 2

MD / TVD	Paleo Top Description	Ecozone
12020 /12015	DEF AT first sample examined	POS AT 3
12021 /12016	DEF AT drilling material	POS AT 3
12290 /12285	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
13010 /13005	DEF AT drilling material	POS AT 3
14270 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
14360 /	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
14600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14990 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 294	Date of Summary: 10-SEP-1992	First Sample Examined: 500
Lease Number: G08652	Source of Paleo: OPERATOR	Borehole MD: 12938
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12922
API Well Number: 177044076100	Drilling Operator: ENRON CORP	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 500 - 12920	Water Depth: 184
Public Info Code: Y 03-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
500 / 500	DEF AT first sample examined	DEF AT 0
2850 / 2850	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6050 / 6050	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0
6980 / 6979	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7550 / 7548	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9950 / 9944	DEF AT local marker foram increase	DEF AT 0
9951 / 9945	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10100 /10094	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10280 /10274	DEF AT local marker foram increase	DEF AT 0
10630 /10623	DEF AT local marker foram increase	DEF AT 0
10760 /10753	DEF AT reworked material	DEF AT 0
12920 /12904	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 297	Date of Summary: 02-MAR-1990	First Sample Examined: 8375
Lease Number: G07663	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18705
Well Name: B001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18705
API Well Number: 177044065700	Drilling Operator: CLIFFS OIL AND GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 4 of 6	Sample Range: 8375 - 17650	Water Depth: 182
Public Info Code: Y 23-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8375 /	DEF AT first sample examined	POS AT 2
8438 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8623 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8870 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9087 /	POS AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 3
9149 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9274 /	DEF AT drilling material	DEF AT 3
9275 /	DEF AT gray shale	DEF AT 3
10193 /	DEF AT drilling material	DEF AT 3
10284 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10285 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
11104 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
11195 /	DEF AT drilling material	DEF AT 3
11440 /	DEF AT local marker benthic foram increase	DEF AT 3
11503 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
12760 /	POS AT Arenaceous fauna (local marker)	DEF AT 3
15310 /	DEF AT gray shale	DEF AT 3
16570 /	DEF AT gray shale	DEF AT 3
17650 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 297	Date of Summary: 12-MAR-1990	First Sample Examined: 17650
Lease Number: G07663	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18705
Well Name: B001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18705
API Well Number: 177044065700	Drilling Operator: CLIFFS OIL AND GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 5 of 6	Sample Range: 17650 - 18180	Water Depth: 182
Public Info Code: Y 23-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Report=sidetrack 1; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17650 /	DEF AT first sample examined	DEF AT 0
18180 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 297	Date of Summary: 15-MAR-1990	First Sample Examined: 17970
Lease Number: G07663	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18705
Well Name: B001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18705
API Well Number: 177044065700	Drilling Operator: CLIFFS OIL AND GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 6 of 6	Sample Range: 17970 - 18705	Water Depth: 182
Public Info Code: Y 23-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Report=sidetrack 2; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17970 /	DEF AT first sample examined	DEF AT 0
18705 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 298	Date of Summary:	First Sample Examined: 0
Lease Number: G05390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11520
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10859
API Well Number: 177044068800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 12-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6769	POS IN Pleistocene	DEF AT 0
11470 / 10821	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 320	Date of Summary: 22-SEP-1987	First Sample Examined: 0
Lease Number: G05394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13062
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12498
API Well Number: 177044065800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 6942	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 26-MAY-1995	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5998
Well Name: A024	Paleo Done By: OPERATOR	Borehole TVD: 3720
API Well Number: 177044044500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 02-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4437 / 2856	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 31-DEC-1981	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6852
Well Name: A025	Paleo Done By: OPERATOR	Borehole TVD: 6436
API Well Number: 177044044600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 05-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 3911	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5670 / 5258	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 05-MAY-1987	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4972
Well Name: A026	Paleo Done By: OPERATOR	Borehole TVD: 4350
API Well Number: 177044045300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 15-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3583 / 3279	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 28-SEP-1984	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7855
Well Name: A028	Paleo Done By: OPERATOR	Borehole TVD: 6168
API Well Number: 177044015201	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 23-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5609 / 4641	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7103 / 5648	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 18-AUG-1987	First Sample Examined: 6410
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 7855
Well Name: A028	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6168
API Well Number: 177044015201	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 3	Sample Range: 6410 - 7300	Water Depth: 220
Public Info Code: Y 23-FEB-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6410 / 5186	DEF AT first sample examined	DEF IN 4
6510 / 5252	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6960 / 5551	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7110 / 5653	DEF AT - - - - -	DEF AT 5
7140 / 5673	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7200 / 5714	POS AT gouge	DEF AT 6
7300 / 5783	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 10-SEP-1987	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7855
Well Name: A028	Paleo Done By: OPERATOR	Borehole TVD: 6168
API Well Number: 177044015201	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 23-FEB-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3943 / 3488	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5500 / 4560	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6119 / 4994	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 31-DEC-1981	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7373
Well Name: A029	Paleo Done By: OPERATOR	Borehole TVD: 5859
API Well Number: 177044051200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3755 / 3290	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6490 / 5340	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 20-SEP-1982	First Sample Examined: 4500
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 8379
Well Name: A030	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7488
API Well Number: 177044054300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4500 - 8370	Water Depth: 220
Public Info Code: Y 03-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 3893	DEF AT first sample examined	DEF IN 3
4501 / 3893	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8190 / 7299	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8370 / 7479	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 22-NOV-1982	<b>First Sample Examined:</b> 4661
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8141
<b>Well Name:</b> A031	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7402
<b>API Well Number:</b> 177044055500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4661 - 8130	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 06-DEC-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4661 / 4118	DEF AT first sample examined	DEF AT 3
4662 / 4119	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4950 / 4354	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7890 / 7151	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8130 / 7391	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 02-FEB-1983	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7414
<b>Well Name:</b> A032	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7015
<b>API Well Number:</b> 177044055400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4500 - 7410	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 13-FEB-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4152	DEF AT first sample examined	DEF AT 3
4501 / 4153	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7410 / 7011	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 04-AUG-1983	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7262
<b>Well Name:</b> A033	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6752
<b>API Well Number:</b> 177044055900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5000 - 7280	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 30-AUG-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4862	DEF AT first sample examined	DEF IN 3
5210 / 5043	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6470 / 6113	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7100 / 6620	DEF AT faunal change (no faunal increase)	DEF AT 4
7280 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 21-OCT-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7262
<b>Well Name:</b> A033	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6752
<b>API Well Number:</b> 177044055900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 30-AUG-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3896 / 3881	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5210 / 5043	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6470 / 6113	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 11-APR-1983	First Sample Examined: 4500
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 6514
Well Name: A034	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6390
API Well Number: 177044056400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4500 - 6510	Water Depth: 220
Public Info Code: Y 03-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4414	DEF AT first sample examined	DEF IN 3
4530 / 4441	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6510 / 6385	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 21-APR-1981	First Sample Examined: 3720
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 11658
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11099
API Well Number: 177044045700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3720 - 11653	Water Depth: 232
Public Info Code: Y 10-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3720 / 3500	DEF AT first sample examined	DEF IN 3
4950 / 4607	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8580 / 8097	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9840 / 9352	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9900 / 9410	DEF AT faunal change (no faunal increase)	DEF AT 5
11653 / 11094	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7626
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7060
API Well Number: 177044044700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 15-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 / 1885	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5260 / 4851	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9230
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 7402
API Well Number: 177044052700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 21-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2430 / 2328	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5460 / 4569	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 321	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G02061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7913
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 7085
API Well Number: 177044053300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 17-JAN-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 / 4776	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 330	<b>Date of Summary:</b> 09-MAR-1978	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G03540	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9200
<b>API Well Number:</b> 177044040300	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 4500 - 9200	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 31-MAR-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF AT 3
4501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4770 /	DEF AT sample gap top	POS AT 3
4860 /	DEF AT sample gap bottom	DEF AT 3
7760 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7820 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8210 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9200 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 335	<b>Date of Summary:</b> 29-OCT-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02439	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11337
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11337
<b>API Well Number:</b> 177044036900	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 28-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6160 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6880 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 335	<b>Date of Summary:</b> 20-JUN-1980	<b>First Sample Examined:</b> 4390
<b>Lease Number:</b> G02439	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10363
<b>Well Name:</b> C002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10000
<b>API Well Number:</b> 177044047400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4390 - 10360	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 03-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 / 4349	DEF AT first sample examined	DEF IN 2
4840 / 4765	DEF AT faunal change (no faunal increase)	DEF AT 3
6310 / 6132	POS AT faunal change (no faunal increase)	POS AT 4
6340 / 6161	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 4
6820 / 6613	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 4
7420 / 7182	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	POS AT 4
9160 / 8831	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	POS AT 4
10360 / 9973	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 335	<b>Date of Summary:</b> 27-AUG-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02439	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10300
<b>Well Name:</b> C003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9830
<b>API Well Number:</b> 177044047500	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 04-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 / 5332	DEF AT faunal change (no faunal increase)	DEF AT 4
5790 / 5613	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7140 / 6882	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8040 / 7727	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9240 / 8860	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 335	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: G02439	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10187
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 10004
API Well Number: 177044048500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 262
Public Info Code: Y 06-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4110 / 4109	DEF AT faunal change (no faunal increase)	DEF AT 3
4200 / 4199	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5480 / 5452	DEF AT faunal change (no faunal increase)	DEF AT 4
6290 / 6237	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6650 / 6588	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7730 / 7638	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 335	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G02439	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 10002
API Well Number: 177044048200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 262
Public Info Code: Y 02-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4310 / 4168	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6230 / 5987	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6740 / 6476	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7640 / 7334	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 335	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: G02439	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11040
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 9793
API Well Number: 177044047501	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 262
Public Info Code: Y 26-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5690 / 5457	DEF AT faunal change (no faunal increase)	DEF AT 4
6175 / 5866	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7410 / 6903	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8575 / 7850	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10345 / 9258	POS AT Cyclammina cancellata (local marker)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 335	Date of Summary: 12-NOV-1980	First Sample Examined: 4150
Lease Number: G02439	Source of Paleo: OPERATOR	Borehole MD: 10375
Well Name: C007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10026
API Well Number: 177044048700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4150 - 10375	Water Depth: 262
Public Info Code: Y 23-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 4123	DEF AT first sample examined	DEF AT 3
4151 / 4124	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6220 / 6085	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6640 / 6485	DEF AT faunal change (no faunal increase)	DEF AT 4
6760 / 6599	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7600 / 7400	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9130 / 8847	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
10375 / 10026	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary:	First Sample Examined: 0
Lease Number: G03388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10635
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10430
API Well Number: 177044042800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 258
Public Info Code: Y 11-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3990	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7710 / 7708	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8640 / 8618	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary:	First Sample Examined: 0
Lease Number: G03388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8722
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 177044042801	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 258
Public Info Code: Y 16-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6450=Gyroidina soldanii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 5805	DEF AT local marker deep water fauna	DEF AT 0
7950 / 6768	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 336 <b>Lease Number:</b> G03388 <b>Well Name:</b> 006 <b>API Well Number:</b> 177044043500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 25-OCT-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9850 <b>Borehole TVD:</b> 9850 <b>Rkb Elevation:</b> 85 <b>Water Depth:</b> 258 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4540 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7160 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary: 23-MAR-1981	First Sample Examined: 1000
Lease Number: G03388	Source of Paleo: OPERATOR	Borehole MD: 9860
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8443
API Well Number: 177044049300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9820	Water Depth: 276
Public Info Code: Y 04-APR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: 6460=Gyroidina soldanii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 3
2050 / 2050	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3969 / 3968	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3970 / 3969	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4210 / 4209	DEF AT faunal change (no faunal increase)	DEF AT 3
4420 / 4419	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6460 / 6152	DEF AT local marker deep water fauna	DEF AT 4
6910 / 6477	DEF AT faunal change (no faunal increase)	DEF AT 3
7750 / 7075	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7989 / 7243	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7990 / 7244	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8410 / 7516	DEF AT faunal change (no faunal increase)	DEF AT 3
9550 / 8242	DEF AT faunal change (no faunal increase)	DEF AT 4
9579 / 8261	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
9580 / 8262	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9670 / 8320	DEF AT faunal change (no faunal increase)	DEF AT 3
9820 / 8417	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary: 23-SEP-1981	First Sample Examined: 3030
Lease Number: G03388	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8336
API Well Number: 177044052000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3030 - 9210	Water Depth: 276
Public Info Code: Y 25-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 / 3016	DEF AT first sample examined	DEF AT 3
4380 / 4237	DEF AT sample gap top	POS AT 3
4829 / 4642	DEF AT sample gap bottom	DEF AT 3
4830 / 4643	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6270 / 5906	DEF AT local marker deep water fauna	DEF AT 4
6750 / 6303	DEF AT faunal change (no faunal increase)	DEF AT 3
7590 / 7008	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7830 / 7213	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8280 / 7601	DEF AT faunal change (no faunal increase)	DEF AT 3
9210 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary: 06-MAY-1981	First Sample Examined: 3210
Lease Number: G03388	Source of Paleo: OPERATOR	Borehole MD: 10105
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9143
API Well Number: 177044050300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3210 - 8460	Water Depth: 276
Public Info Code: Y 24-MAY-1991	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3210 / 2934	DEF AT first sample examined	DEF AT 3
4800 / 4065	DEF AT sample gap top	POS AT 3
4919 / 4152	DEF AT sample gap bottom	DEF AT 4
4920 / 4153	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5160 / 4341	DEF AT faunal change (no faunal increase)	DEF AT 3
5460 / 4600	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5760 / 4877	DEF AT sample gap top	POS AT 3
6180 / 5276	DEF AT sample gap bottom	DEF AT 3
6960 / 6022	DEF AT local marker deep water fauna	DEF AT 4
7290 / 6341	DEF AT faunal change (no faunal increase)	DEF AT 3
8010 / 7050	DEF AT faunal change (no faunal increase)	DEF AT 4
8190 / 7230	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8460 / 7500	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary: 06-MAY-1981	First Sample Examined: 7970
Lease Number: G03388	Source of Paleo: OPERATOR	Borehole MD: 10105
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9143
API Well Number: 177044050300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 7970 - 10070	Water Depth: 276
Public Info Code: Y 24-MAY-1991	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
7970 / 7011	DEF AT first sample examined	DEF AT 3
8210 / 7250	DEF AT faunal change (no faunal increase)	DEF AT 4
8270 / 7310	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8420 / 7460	DEF AT faunal change (no faunal increase)	DEF AT 3
8689 / 7729	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8690 / 7730	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
8840 / 7880	DEF AT poor sample interval top	DEF AT 3
9320 / 8359	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9560 / 8599	DEF AT faunal change (no faunal increase)	DEF AT 3
10069 / 9108	DEF AT poor sample interval bottom	DEF AT 3
10070 / 9109	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary: 25-JUN-1981	First Sample Examined: 5500
Lease Number: G03388	Source of Paleo: OPERATOR	Borehole MD: 7683
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7147
API Well Number: 177044051000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5500 - 7600	Water Depth: 276
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6070=Gyroidina soldanii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5134	DEF AT first sample examined	DEF AT 3
5501 / 5135	DEF AT poor sample interval top	DEF AT 3
5502 / 5136	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6070 / 5640	DEF AT local marker deep water fauna	DEF AT 3
7599 / 7068	DEF AT poor sample interval bottom	DEF AT 3
7600 / 7069	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 336	Date of Summary: 23-SEP-1981	First Sample Examined: 3860
Lease Number: G03388	Source of Paleo: OPERATOR	Borehole MD: 10600
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10200
API Well Number: 177044050800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 3860 - 10598	Water Depth: 276
Public Info Code: Y 04-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3860	DEF AT first sample examined	DEF AT 3
4670 / 4670	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4850 / 4850	DEF AT faunal change (no faunal increase)	DEF AT 3
4880 / 4880	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5840 / 5828	DEF AT local marker deep water fauna	DEF AT 4
6260 / 6219	DEF AT faunal change (no faunal increase)	DEF AT 3
7100 / 6981	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7250 / 7116	DEF AT faunal change (no faunal increase)	DEF AT 3
8179 / 7956	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8180 / 7956	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
8570 / 8317	DEF AT faunal change (no faunal increase)	DEF AT 3
9530 / 9201	DEF AT faunal change (no faunal increase)	DEF AT 4
9949 / 9591	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
9950 / 9592	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
10100 / 9732	DEF AT faunal change (no faunal increase)	DEF AT 3
10598 / 10198	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 336	<b>Date of Summary:</b> 25-JUN-1981	<b>First Sample Examined:</b> 3240
<b>Lease Number:</b> G03388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7960
<b>Well Name:</b> A006	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7043
<b>API Well Number:</b> 177044051500	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3240 - 7920	<b>Water Depth:</b> 276
<b>Public Info Code:</b> Y 14-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3093	DEF AT first sample examined	DEF AT 3
3241 / 3094	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4320 / 4014	DEF AT faunal change (no faunal increase)	DEF AT 4
4589 / 4240	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4590 / 4241	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4650 / 4290	DEF AT sample gap top	POS AT 4
4800 / 4413	DEF AT sample gap bottom	DEF AT 3
5100 / 4661	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6720 / 5988	DEF AT local marker deep water fauna	DEF AT 3
7920 / 7004	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: G02063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9157
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5737
API Well Number: 177044045500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 10-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7448 / 4883	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: G02063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7730
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 5568
API Well Number: 177044045801	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 08-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5764 / 3736	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 22-MAY-1979	First Sample Examined: 3050
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8452
Well Name: B003	Paleo Done By: ECO-PAL	Borehole TVD: 6334
API Well Number: 177044045000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3050 - 8890	Water Depth: 268
Public Info Code: Y 19-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 2501	POS AT first sample examined	POS AT 1
3051 / 2501	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3080 / 2517	POS AT faunal change (no faunal increase)	DEF AT 1
3110 / 2533	DEF AT faunal change (no faunal increase)	POS AT 1
3260 / 2610	DEF AT sample gap top	POS AT 1
3290 / 2625	DEF AT sample gap bottom	DEF AT 1
6400 / 4431	DEF AT unconformity	DEF AT 1
6520 / 4530	DEF AT faunal change (no faunal increase)	DEF AT 1
6940 / 4889	DEF AT cement	DEF AT 1
7388 / 5304	DEF AT unconformity	DEF AT 1
7390 / 5305	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	POS AT 2
7450 / 5363	DEF AT faunal change (no faunal increase)	DEF AT 2
7480 / 5392	DEF AT cement	DEF AT 2
7540 / 5450	DEF AT faunal change (no faunal increase)	DEF AT 1
7631 / 5538	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7960 / 5857	DEF AT cement	POS AT 1
7990 / 5886	DEF AT faunal change (no faunal increase)	DEF AT 1
8710 /	DEF AT Aftonian fauna (local marker)	DEF AT 1
8890 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 16-JUL-1979	First Sample Examined: 5860
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8452
Well Name: B003	Paleo Done By: ECO-PAL	Borehole TVD: 6334
API Well Number: 177044045000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 5860 - 8442	Water Depth: 268
Public Info Code: Y 19-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5860 / 4012	DEF AT first sample examined	POS AT 1
5861 / 4013	DEF AT cement	POS AT 1
7490 / 5402	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8442 / 6322	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G02063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8756
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 7278
API Well Number: 177044044200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 09-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6035 / 5080	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 31-JUL-1979	First Sample Examined: 1000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8843
Well Name: B005	Paleo Done By: ECO-PAL	Borehole TVD: 6445
API Well Number: 177044045200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8842	Water Depth: 268
Public Info Code: Y 16-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	POS AT 1
1001 / 1001	DEF AT cement	POS AT 1
1060 / 1060	DEF AT faunal change (no faunal increase)	DEF AT 1
1900 / 1879	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3400 / 2978	DEF AT sample gap top	POS AT 1
3430 / 2999	DEF AT sample gap bottom	DEF AT 1
5810 / 4524	DEF AT local marker (general)	DEF AT 1
6730 / 5114	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
7930 / 5885	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8830 / 6439	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary:	First Sample Examined: 3350
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8208
Well Name: B007	Paleo Done By: ECO-PAL	Borehole TVD: 7330
API Well Number: 177044045600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3350 - 8210	Water Depth: 268
Public Info Code: Y 02-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3470 / 3115	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5030 / 4467	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5210 / 4627	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7400 / 6580	DEF AT Arenaceous fauna (local marker)	DEF AT 0
7490 / 6664	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 14-SEP-1979	First Sample Examined: 3350
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8208
Well Name: B007	Paleo Done By: ECO-PAL	Borehole TVD: 7330
API Well Number: 177044045600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 3350 - 8210	Water Depth: 268
Public Info Code: Y 02-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 3008	DEF AT first sample examined	DEF AT 1
3890 / 3484	DEF AT -----	POS AT 1
3950 / 3536	DEF AT -----	DEF AT 1
4010 / 3587	DEF AT -----	POS AT 1
4310 / 3844	DEF AT -----	DEF AT 1
4700 / 4179	DEF AT -----	POS AT 1
4730 / 4205	DEF AT -----	DEF AT 1
4790 / 4258	DEF AT -----	POS AT 1
5030 / 4467	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
5210 / 4627	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5240 / 4654	DEF AT -----	DEF AT 2
5270 / 4680	DEF AT -----	DEF AT 1
5810 / 5160	DEF AT -----	POS AT 1
5960 / 5293	DEF AT -----	DEF AT 1
6140 / 5451	DEF AT -----	POS AT 1
6230 / 5529	DEF AT -----	DEF AT 1
6500 / 5765	DEF AT -----	POS AT 1
7310 / 6496	DEF AT -----	DEF AT 1
7400 / 6580	POS AT unconformity	DEF AT 3
7401 / 6581	POS AT fault	DEF AT 3
7490 / 6664	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 3
7730 / 6887	DEF AT -----	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 14-SEP-1979	First Sample Examined: 3350
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8208
Well Name: B007	Paleo Done By: ECO-PAL	Borehole TVD: 7330
API Well Number: 177044045600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 3350 - 8210	Water Depth: 268
Public Info Code: Y 02-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7790 / 6942	DEF AT -----	DEF AT 1
8180 / 7304	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary:	First Sample Examined: 5970
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 9673
Well Name: B009	Paleo Done By: ECO-PAL	Borehole TVD: 7586
API Well Number: 177044046100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 5970 - 9672	Water Depth: 268
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 4001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7590 / 5522	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8250 / 6171	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9620 / 7533	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 09-NOV-1970	First Sample Examined: 5970
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 9673
Well Name: B009	Paleo Done By: ECO-PAL	Borehole TVD: 7586
API Well Number: 177044046100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 5970 - 9672	Water Depth: 268
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 4001	DEF AT first sample examined	POS AT 1
5971 / 4002	DEF AT cement	POS AT 1
6000 / 4026	DEF AT faunal change (no faunal increase)	DEF AT 1
6120 / 4132	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
6300 / 4295	DEF AT faunal change (no faunal increase)	DEF AT 2
6390 / 4378	DEF AT faunal change (no faunal increase)	DEF AT 1
7050 / 5000	DEF AT faunal change (no faunal increase)	POS AT 1
7410 / 5347	DEF AT faunal change (no faunal increase)	DEF AT 1
7470 / 5405	DEF AT faunal change (no faunal increase)	POS AT 1
7590 / 5522	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8250 / 6171	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
8340 / 6260	DEF AT faunal change (no faunal increase)	DEF AT 1
8610 / 6527	DEF AT faunal change (no faunal increase)	POS AT 1
8700 / 6617	DEF AT faunal change (no faunal increase)	DEF AT 1
8790 / 6706	DEF AT faunal change (no faunal increase)	POS AT 1
8820 / 6736	DEF AT faunal change (no faunal increase)	DEF AT 1
8880 / 6795	DEF AT faunal change (no faunal increase)	POS AT 1
8970 / 6885	DEF AT faunal change (no faunal increase)	DEF AT 1
9540 / 7453	DEF AT local marker benthic foram increase	DEF AT 1
9630 / 7543	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 1
9672 / 7585	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G02063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9341
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 7703
API Well Number: 177044047000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 29-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7756 / 6371	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 29-MAY-1980	First Sample Examined: 2400
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 9275
Well Name: B012	Paleo Done By: ECO-PAL	Borehole TVD: 7248
API Well Number: 177044045201	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 2400 - 9305	Water Depth: 268
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2296	DEF AT first sample examined	DEF AT 0
2490 / 2364	POS AT non-marine sediment	DEF AT 0
2580 / 2433	DEF AT non-marine sediment	DEF AT 0
2670 / 2500	DEF AT faunal change (no faunal increase)	DEF AT 1
3570 / 3153	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
4290 / 3671	DEF AT faunal change (no faunal increase)	DEF AT 0
4350 / 3715	DEF AT faunal change (no faunal increase)	DEF AT 1
4410 / 3758	DEF AT faunal change (no faunal increase)	POS AT 1
4470 / 3802	DEF AT faunal change (no faunal increase)	DEF AT 1
4950 / 4148	DEF AT faunal change (no faunal increase)	POS AT 1
5130 / 4276	DEF AT faunal change (no faunal increase)	DEF AT 1
5280 / 4384	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
5370 / 4448	DEF AT faunal change (no faunal increase)	POS AT 1
5490 / 4533	DEF AT faunal change (no faunal increase)	DEF AT 1
5790 / 4758	DEF AT faunal change (no faunal increase)	POS AT 1
6450 / 5263	DEF AT faunal change (no faunal increase)	DEF AT 1
6540 / 5331	DEF AT faunal change (no faunal increase)	POS AT 1
6600 / 5377	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6720 / 5469	DEF AT sample gap top	POS AT 1
6840 / 5557	DEF AT sample gap bottom	POS AT 1
7020 / 5683	DEF AT faunal change (no faunal increase)	DEF AT 1
7260 / 5845	DEF AT faunal change (no faunal increase)	POS AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 338	<b>Date of Summary:</b> 29-MAY-1980	<b>First Sample Examined:</b> 2400
<b>Lease Number:</b> G02063	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9275
<b>Well Name:</b> B012	<b>Paleo Done By:</b> ECO-PAL	<b>Borehole TVD:</b> 7248
<b>API Well Number:</b> 177044045201	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2400 - 9305	<b>Water Depth:</b> 268
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 / 5908	DEF AT faunal change (no faunal increase)	DEF AT 1
7440 / 5968	DEF AT faunal change (no faunal increase)	POS AT 1
7720 / 6151	DEF AT faunal change (no faunal increase)	DEF AT 1
7780 / 6191	DEF AT faunal change (no faunal increase)	DEF AT 1
7800 / 6204	DEF AT faunal change (no faunal increase)	POS AT 1
7860 / 6245	DEF AT faunal change (no faunal increase)	POS AT 1
7920 / 6285	DEF AT faunal change (no faunal increase)	DEF AT 1
7935 / 6295	DEF AT poor sample interval top	DEF AT 1
7980 / 6325	POS AT non-marine sediment	DEF AT 0
8280 / 6533	DEF AT faunal change (no faunal increase)	DEF AT 1
8520 / 6707	DEF AT faunal change (no faunal increase)	POS AT 1
8550 / 6729	DEF AT faunal change (no faunal increase)	DEF AT 1
8670 / 6818	DEF AT faunal change (no faunal increase)	POS AT 1
8760 / 6884	DEF AT faunal change (no faunal increase)	DEF AT 1
8790 / 6905	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
8850 / 6948	DEF AT faunal change (no faunal increase)	DEF AT 1
9060 / 7100	DEF AT faunal change (no faunal increase)	DEF AT 2
9150 / 7163	DEF IN Aftonian fauna (local marker)	DEF AT 2
9304 /	DEF AT poor sample interval bottom	DEF AT 2
9305 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: G02063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8820
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 7411
API Well Number: 177044047700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 21-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 6911	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 14-OCT-1980	First Sample Examined: 3500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 10158
Well Name: B015	Paleo Done By: BILL BOULDEN	Borehole TVD: 7764
API Well Number: 177044048300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3500 - 10150	Water Depth: 268
Public Info Code: Y 31-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3118	DEF AT first sample examined	DEF AT
3570 / 3167	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4740 / 3961	DEF AT local marker benthic foram increase	DEF AT
4741 / 3962	DEF AT cement	DEF AT
4860 / 4048	DEF AT faunal change (no faunal increase)	DEF AT 1
5940 / 4848	DEF AT sample gap top	POS AT 1
6000 / 4891	DEF AT sample gap bottom	POS AT 1
6290 / 5092	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
7580 / 5970	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7820 / 6132	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
7850 / 6153	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
7851 / 6154	POS AT gouge	DEF AT 1
8330 / 6474	DEF AT faunal change (no faunal increase)	DEF AT 1
8510 / 6591	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 1
8511 / 6592	DEF AT gouge	DEF AT 1
8840 / 6818	POS AT unconformity	DEF AT 4
8929 / 6880	DEF AT reworked material	DEF AT 4
8930 / 6881	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9020 / 6945	DEF AT faunal change (no faunal increase)	POS AT 3
9380 / 7200	POS AT unconformity	POS AT 3
9410 / 7222	POS AT faunal change (no faunal increase)	DEF AT 1
9620 / 7370	DEF AT Cyclammina cancellata (local marker)	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 338	<b>Date of Summary:</b> 14-OCT-1980	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G02063	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10158
<b>Well Name:</b> B015	<b>Paleo Done By:</b> BILL BOULDEN	<b>Borehole TVD:</b> 7764
<b>API Well Number:</b> 177044048300	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3500 - 10150	<b>Water Depth:</b> 268
<b>Public Info Code:</b> Y 31-OCT-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9830 / 7519	DEF AT faunal change (no faunal increase)	DEF AT 3
9920 / 7582	DEF AT calcite	DEF AT 3
9921 / 7583	DEF IN salt	DEF AT 3
10150 / 7762	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 10-NOV-1981	First Sample Examined: 3120
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7614
Well Name: C001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7614
API Well Number: 177044052600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3120 - 7615	Water Depth: 276
Public Info Code: Y 03-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 /	DEF AT first sample examined	DEF AT 0
3511 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3720 /	DEF AT -----	DEF AT 1
3840 /	DEF AT -----	POS AT 1
3960 /	DEF AT -----	DEF AT 1
4020 /	DEF AT -----	POS AT 1
4410 /	DEF AT -----	DEF AT 1
4650 /	DEF AT -----	POS AT 1
4860 /	DEF AT -----	DEF AT 1
5100 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5310 /	DEF AT -----	POS AT 1
5430 /	DEF AT -----	DEF AT 1
5880 /	DEF AT -----	POS AT 1
5970 /	DEF AT -----	DEF AT 1
6330 /	DEF AT -----	POS AT 1
6480 /	DEF AT -----	DEF AT 1
6540 /	DEF AT Arenaceous fauna (local marker)	DEF AT 1
6720 /	DEF AT poor sample interval top	DEF AT 0
6869 /	DEF AT poor sample interval bottom	DEF AT 0
6870 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
6900 /	DEF AT -----	DEF AT 2
7110 /	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 10-NOV-1981	First Sample Examined: 3120
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7614
Well Name: C001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7614
API Well Number: 177044052600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3120 - 7615	Water Depth: 276
Public Info Code: Y 03-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7198 /	POS AT fault	DEF AT 0
7199 /	POS AT unconformity	DEF AT 0
7200 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7290 /	DEF AT -----	DEF AT 4
7500 /	DEF AT -----	POS AT 3
7560 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 338	<b>Date of Summary:</b> 09-FEB-1982	<b>First Sample Examined:</b> 3430
<b>Lease Number:</b> G02063	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9555
<b>Well Name:</b> C002	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 7500
<b>API Well Number:</b> 177044053100	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3430 - 7390	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 27-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 / 3027	DEF AT first sample examined	DEF AT 0
3520 / 3094	DEF AT -----	DEF AT 1
3640 / 3183	DEF AT sample gap top	DEF AT 0
3670 / 3205	DEF AT sample gap bottom	DEF AT 0
3998 / 3450	DEF AT fault	DEF AT 0
3999 / 3450	DEF AT unconformity	DEF AT 0
4000 / 3451	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4210 / 3609	DEF AT -----	POS AT 1
4240 / 3631	DEF AT -----	DEF AT 1
4330 / 3699	DEF AT -----	POS AT 1
4360 / 3722	DEF AT -----	DEF AT 1
4720 / 3995	DEF AT -----	POS AT 1
4960 / 4170	DEF AT -----	DEF AT 1
5080 / 4256	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
5410 / 4497	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 1
5440 / 4519	DEF AT -----	DEF AT 1
5560 / 4608	DEF AT -----	POS AT 1
5800 / 4786	DEF AT -----	DEF AT 1
7180 / 5817	DEF AT -----	POS AT 1
7390 / 5972	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 09-FEB-1982	First Sample Examined: 7010
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8813
Well Name: C002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 6821
API Well Number: 177044053101	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 7010 - 8170	Water Depth: 270
Public Info Code: Y 29-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 5464	DEF AT first sample examined	DEF AT 1
7180 / 5595	DEF AT -----	POS AT 1
7480 / 5823	DEF AT -----	DEF AT 1
7750 / 6027	POS AT unconformity	DEF AT 1
7840 / 6095	DEF AT Arenaceous fauna (local marker)	DEF AT 1
7900 / 6139	DEF AT -----	POS AT 2
8020 / 6226	DEF AT Cyclammina sp. (local marker)	DEF AT 2
8021 / 6227	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8140 / 6312	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 338	Date of Summary: 09-FEB-1982	First Sample Examined: 8000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8813
Well Name: C002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 6821
API Well Number: 177044053101	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 8000 - 8960	Water Depth: 270
Public Info Code: Y 29-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 6212	DEF AT first sample examined	DEF AT 1
8030 / 6233	POS AT unconformity	DEF AT 1
8150 / 6320	DEF AT Arenaceous fauna (local marker)	DEF AT 1
8420 / 6521	DEF AT Cyclammina sp. (local marker)	DEF AT 1
8600 / 6658	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8930 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 340	Date of Summary: 31-MAR-1977	First Sample Examined: 440
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 9163
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7793
API Well Number: 177044037900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 440 - 9150	Water Depth: 265
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
440 / 440	DEF AT first sample examined	DEF AT 2
1005 / 1005	DEF AT cement	DEF AT 0
1355 / 1355	DEF AT -----	DEF AT 1
2075 / 2075	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2195 / 2195	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2375 / 2375	DEF AT -----	DEF AT 1
3690 / 3690	DEF AT -----	DEF AT 2
3900 / 3900	DEF AT -----	DEF AT 1
4740 / 4723	DEF AT -----	DEF AT 2
4980 / 4953	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5370 / 5317	DEF AT -----	DEF AT 3
5460 / 5399	DEF AT -----	DEF AT 2
6330 / 6033	DEF AT -----	DEF AT 3
8340 / 7277	DEF AT local marker (general)	DEF AT 4
8640 / 7464	POS AT gouge	DEF AT 4
8700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8970 /	DEF AT gouge	DEF AT 4
9120 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 340	Date of Summary: 15-AUG-1977	First Sample Examined: 2195
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 9163
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7793
API Well Number: 177044037900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 2195 - 9250	Water Depth: 265
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8130=top of abnormal section?

MD / TVD	Paleo Top Description	Ecozone
2195 / 2195	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4980 / 4953	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6360 / 6051	DEF AT local marker (general)	DEF AT 3
6660 / 6232	DEF AT limestone	DEF AT 3
7080 / 6486	DEF AT Cyclammina sp. (local marker)	DEF AT 3
7320 / 6633	DEF AT local marker foram increase	DEF AT 3
8340 / 7277	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
8700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9120 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9250 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 340	Date of Summary: 15-AUG-1977	First Sample Examined: 1540
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 14656
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14656
API Well Number: 177044039300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1540 - 14630	Water Depth: 284
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1540 / 1540	DEF AT first sample examined	DEF AT 1
1780 / 1780	DEF AT faunal change (no faunal increase)	DEF AT 2
2200 / 2200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2260 / 2260	DEF AT local marker foram decrease	DEF AT 1
3590 /	DEF AT local marker foram increase	DEF AT 1
3640 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4280 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
4580 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5800 /	DEF AT local marker foram increase	DEF AT 2
5810 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6470 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6590 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7085 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7580 /	DEF AT local marker foram increase	DEF AT 4
8060 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8540 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8840 /	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
9020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9140 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9260 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9740 /	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 340	Date of Summary: 15-AUG-1977	First Sample Examined: 1540
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 14656
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14656
API Well Number: 177044039300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1540 - 14630	Water Depth: 284
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
10070 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11120 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11180 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11360 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11660 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11870 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12440 /	DEF AT Bathysiphon fauna	DEF AT 4
12470 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13040 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13130 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
13970 /	DEF AT local marker planktic foram increase	DEF AT 5
14630 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 340	Date of Summary: 02-APR-1980	First Sample Examined: 460
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 7002
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7002
API Well Number: 177044047300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 460 - 7000	Water Depth: 274
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
460 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
540 /	DEF AT -----	DEF AT 3
990 /	DEF AT -----	DEF AT 2
1290 /	DEF AT -----	DEF AT 1
1470 /	DEF AT -----	DEF AT 2
1570 /	DEF AT -----	DEF AT 1
1810 /	DEF AT local marker foram increase	DEF AT 2
2030 /	DEF AT -----	DEF AT 1
2210 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3470 /	DEF AT -----	DEF AT 1
3590 /	DEF AT -----	DEF AT 2
4180 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
4750 /	DEF AT -----	DEF AT 3
4900 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5920 /	DEF AT -----	DEF AT 4
5980 /	DEF AT -----	DEF AT 3
6700 /	DEF AT local marker (general)	DEF AT 3
6910 /	DEF AT -----	DEF AT 4
6970 /	DEF AT -----	DEF AT 3
7000 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 341	Date of Summary: 13-DEC-1988	First Sample Examined: 0
Lease Number: G05395	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5185
API Well Number: 177044067100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 28-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 /	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 345	<b>Date of Summary:</b> 19-JUN-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09481	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10154
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9200
<b>API Well Number:</b> 177044075900	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 317
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5790 / 5702	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7230 / 6831	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 346	<b>Date of Summary:</b> 13-AUG-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02566	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12429
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6348
<b>API Well Number:</b> 177044075200	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 306
<b>Public Info Code:</b> Y 28-FEB-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11580 / 5988	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 347	Date of Summary:	First Sample Examined: 0
Lease Number: G02566	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12910
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12910
API Well Number: 177044040800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 28-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4480 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8030 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
11180 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 347	<b>Date of Summary:</b> 08-DEC-1987	<b>First Sample Examined:</b> 1600
<b>Lease Number:</b> G02566	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6786
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6786
<b>API Well Number:</b> 177044066800	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1600 - 6760	<b>Water Depth:</b> 293
<b>Public Info Code:</b> Y 28-FEB-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 /	DEF AT first sample examined	DEF IN 3
2500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4720 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4750 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5890 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6760 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 347	<b>Date of Summary:</b> 22-OCT-1981	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G02566	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7899
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7689
<b>API Well Number:</b> 177044050000	<b>Drilling Operator:</b> MIDCON EXPLORATION COMPANY GU	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4000 - 6500	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 28-FEB-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3862	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4960 / 4791	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5870 / 5682	DEF AT faunal change (no faunal increase)	DEF AT 4
6500 / 6305	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EC 347 <b>Lease Number:</b> G02566 <b>Well Name:</b> A003 <b>API Well Number:</b> 177044032700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 28-FEB-1993</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10300 <b>Borehole TVD:</b> 10300 <b>Rkb Elevation:</b> 86 <b>Water Depth:</b> 283 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4940 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7400 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 347	Date of Summary: 03-NOV-1981	First Sample Examined: 3070
Lease Number: G02566	Source of Paleo: OPERATOR	Borehole MD: 4676
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4548
API Well Number: 177044051800	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3070 - 4660	Water Depth: 280
Public Info Code: Y 28-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 3019	DEF AT first sample examined	DEF IN 3
3790 / 3704	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4660 / 4533	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 347	Date of Summary: 06-OCT-1981	First Sample Examined: 4560
Lease Number: G02566	Source of Paleo: OPERATOR	Borehole MD: 7529
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6479
API Well Number: 177044052200	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4560 - 7520	Water Depth: 280
Public Info Code: Y 28-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4067	DEF AT first sample examined	DEF IN 2
4950 / 4387	DEF AT faunal change (no faunal increase)	DEF AT 3
5340 / 4720	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6390 / 5595	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6600 / 5763	DEF AT faunal change (no faunal increase)	DEF AT 4
7520 / 6473	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 347	Date of Summary: 06-OCT-1981	First Sample Examined: 2420
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 8550
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7381
API Well Number: 177044050700	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2420 - 8530	Water Depth: 280
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2420 / 2393	DEF AT first sample examined	DEF IN 2
2570 / 2532	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4870 / 4401	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5700 / 5071	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6540 / 5762	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6600 / 5811	DEF AT - - - -	DEF AT 4
8530 / 7365	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 347	<b>Date of Summary:</b> 17-JUL-1981	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G03389	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7224
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4615
<b>API Well Number:</b> 177044051100	<b>Drilling Operator:</b> MIDCON EXPLORATION COMPANY GU	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4000 - 7240	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 23-OCT-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3138	DEF AT first sample examined	DEF IN 2
4060 / 3173	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4450 / 3387	POS AT -----	DEF AT 3
7240 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 347	Date of Summary: 17-JUL-1981	First Sample Examined: 6000
Lease Number: G03389	Source of Paleo: OPERATOR	Borehole MD: 7224
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4615
API Well Number: 177044051100	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 6000 - 7210	Water Depth: 280
Public Info Code: Y 23-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 3984	DEF AT first sample examined	DEF AT 3
7210 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 349	<b>Date of Summary:</b> 22-FEB-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09484	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5650
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5503
<b>API Well Number:</b> 177044071900	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 287
<b>Public Info Code:</b> Y 31-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 / 1750	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3300 / 3245	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4980 / 4856	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5650 / 5503	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 351	<b>Date of Summary:</b> 28-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02262	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10439
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10123
<b>API Well Number:</b> 177044054100	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 10-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4726	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7170 / 6864	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8260 / 7952	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 351	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G02262	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8400
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 7367
API Well Number: 177044054700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 286
Public Info Code: Y 19-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6970=Gyroidina soldanii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 3950	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5250 / 4728	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6970 / 6107	DEF AT local marker deep water fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 351	<b>Date of Summary:</b> 02-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02262	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10933
<b>Well Name:</b> 008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9492
<b>API Well Number:</b> 177044054900	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 286
<b>Public Info Code:</b> Y 25-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: 7670=Gyroidina soldanii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4007	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7670 / 6260	POS AT local marker deep water fauna	DEF AT 0
8500 / 7081	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9710 / 8280	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 353	Date of Summary: 14-JAN-1997	First Sample Examined: 0
Lease Number: G02262	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8297
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7202
API Well Number: 177044044300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 308
Public Info Code: Y 13-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2700	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 353	Date of Summary: 16-DEC-1993	First Sample Examined: 0
Lease Number: G02264	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4000
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4000
API Well Number: 177044043900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 308
Public Info Code: Y 21-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 353	<b>Date of Summary:</b> 12-SEP-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02265	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6534
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4744
<b>API Well Number:</b> 177044044000	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 308
<b>Public Info Code:</b> Y 24-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 2810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 358	<b>Date of Summary:</b> 22-OCT-1987	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G08660	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8900
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5894
<b>API Well Number:</b> 177044066100	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1000 - 8900	<b>Water Depth:</b> 321
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1450 / 1449	DEF AT faunal change (no faunal increase)	DEF AT 3
2800 / 2637	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7220 / 5002	DEF AT faunal change (no faunal increase)	DEF AT 4
7700 / 5258	DEF AT faunal change (no faunal increase)	DEF AT 5
8900 / 5894	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 358	Date of Summary: 22-OCT-1987	First Sample Examined: 1000
Lease Number: G08660	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5894
API Well Number: 177044066100	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1000 - 8900	Water Depth: 321
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 0
2620 / 2505	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
7400 / 5098	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
8900 / 5894	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 358	<b>Date of Summary:</b> 03-NOV-1987	<b>First Sample Examined:</b> 3760
<b>Lease Number:</b> G08660	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7090
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5665
<b>API Well Number:</b> 177044066101	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3760 - 7090	<b>Water Depth:</b> 321
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3760 / 3170	DEF AT first sample examined	DEF AT 0
3761 / 3170	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
6190 / 4950	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
7090 / 5680	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 358	Date of Summary:	First Sample Examined: 5300
Lease Number: G08660	Source of Paleo: OPERATOR	Borehole MD: 8526
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4296
API Well Number: 177044066400	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5300 - 8556	Water Depth: 321
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 2977	DEF AT first sample examined	DEF IN 3
5900 / 3196	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8556 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 359	Date of Summary: 28-AUG-1978	First Sample Examined: 1840
Lease Number: G02567	Source of Paleo: OPERATOR	Borehole MD: 4779
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4779
API Well Number: 177044038200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 1840 - 4720	Water Depth: 345
Public Info Code: Y 28-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1840 /	DEF AT first sample examined	DEF AT 3
1930 /	DEF AT -----	DEF AT 2
2080 /	DEF AT -----	DEF AT 3
2440 /	DEF AT -----	DEF AT 2
2650 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2800 /	DEF AT -----	DEF AT 2
3430 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3580 /	DEF AT -----	DEF AT 2
3730 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
4180 /	DEF AT local marker foram increase	DEF AT 4
4300 /	DEF AT poor sample interval top	DEF AT 0
4719 /	DEF AT poor sample interval bottom	DEF AT 0
4720 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 359	Date of Summary: 16-APR-1979	First Sample Examined: 3100
Lease Number: G02567	Source of Paleo: OPERATOR	Borehole MD: 5517
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5517
API Well Number: 177044044800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3100 - 5470	Water Depth: 317
Public Info Code: Y 18-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3101 /	DEF AT cement	DEF AT 0
3220 /	DEF AT -----	DEF AT 3
4060 /	DEF AT local marker foram increase	DEF AT 4
4150 /	DEF AT -----	DEF AT 3
4360 /	DEF AT -----	DEF AT 4
5050 /	DEF AT local marker foram increase	DEF AT 5
5470 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 362	Date of Summary: 07-MAR-1988	First Sample Examined: 0
Lease Number: G06656	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9285
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9270
API Well Number: 177044064600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 381
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6600=top of Kansan

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 /	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 369	Date of Summary: 01-DEC-1986	First Sample Examined: 0
Lease Number: G05397	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7323
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6797
API Well Number: 177044064700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 348
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 / 3606	POS AT Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 373	Date of Summary: 20-JUN-1989	First Sample Examined: 1452
Lease Number: G06658	Source of Paleo: OPERATOR	Borehole MD: 11390
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11387
API Well Number: 177044070800	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1452 - 11390	Water Depth: 398
Public Info Code: Y 02-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1452 /	DEF AT first sample examined	DEF AT 4
2290 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3160 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7300 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
7630 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 4
8680 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 4
10510 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11080 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11260 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11290 /	DEF AT faunal change (no faunal increase)	DEF IN 4
11390 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 377	<b>Date of Summary:</b> 31-OCT-1989	<b>First Sample Examined:</b> 6140
<b>Lease Number:</b> G06660	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14254
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10084
<b>API Well Number:</b> 177044070500	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6140 - 10200	<b>Water Depth:</b> 472
<b>Public Info Code:</b> Y 19-JAN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 / 4761	DEF IN first sample examined	DEF AT 3
6141 / 4761	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7880 / 5896	DEF AT faunal change (no faunal increase)	DEF AT 4
9680 / 7050	DEF AT faunal change (no faunal increase)	DEF AT 5
10160 / 7350	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10200 / 7375	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EC 377	Date of Summary: 31-OCT-1989	First Sample Examined: 10010
Lease Number: G06660	Source of Paleo: OPERATOR	Borehole MD: 14254
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10084
API Well Number: 177044070500	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 10010 - 14240	Water Depth: 472
Public Info Code: Y 19-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 7257	DEF AT first sample examined	DEF AT 5
10160 / 7350	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11060 / 7912	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
14000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14240 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EC 380	<b>Date of Summary:</b> 08-APR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07430	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9115
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8198
<b>API Well Number:</b> 177044067000	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 475
<b>Public Info Code:</b> Y 28-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: 8470=top of Kansan

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3508 / 3506	DEF AT Illinoian fauna (local marker)	DEF AT 0
8470 / 7685	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 24	Date of Summary:	First Sample Examined: 0
Lease Number: G02893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15863
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15863
API Well Number: 177094031500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7080 / 7080	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9490 / 9483	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
13140 / 13126	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 24	<b>Date of Summary:</b> 18-JUN-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02893	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16515
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15446
<b>API Well Number:</b> 177094037900	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 122
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 14
<b>Public Info Code:</b> Y 03-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7137 / 7137	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9014 / 9014	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9710 / 9705	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10090 / 10075	DEF AT local marker (general)	DEF AT 0
10450 / 10414	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11590 / 11366	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13720 / 13046	DEF AT local marker (general)	DEF AT 0
14236 / 13506	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14740 / 13952	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 24	Date of Summary: 16-MAR-1982	First Sample Examined: 0
Lease Number: G02893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17492
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17478
API Well Number: 177094042500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 15-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: 13800=second Cibicides opima

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7053 / 7052	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9097 / 9096	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9569 / 9568	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10060 / 10059	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11860 / 11859	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13050 / 13047	DEF AT deepwater facies Harang	DEF AT 0
13410 / 13407	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13800 / 13796	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 24	Date of Summary: 01-DEC-1982	First Sample Examined: 0
Lease Number: G02893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17492
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17478
API Well Number: 177094042500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 120
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 15-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7025 / 7024	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10310 / 10309	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11850 / 11849	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13820 / 13815	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 24	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G02893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16000
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 15961
API Well Number: 177094047200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 13
Public Info Code: Y 15-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: 14110=second Cibicides opima

MD / TVD	Paleo Top Description	Ecozone
6950 / 6949	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8970 / 8969	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9540 / 9539	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10440 / 10439	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11710 / 11709	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13570 / 13568	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14110 / 14107	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 24	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G02893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15703
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 15699
API Well Number: 177094049900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 13
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: 14940=second Cibicides opima

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10275 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11690 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13830 /	DEF AT deepwater facies Harang	DEF AT 0
14940 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 26	Date of Summary: 08-SEP-1980	First Sample Examined: 0
Lease Number: G03147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8700
API Well Number: 177094040200	Drilling Operator: TEXACO INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 20-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7080 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 29	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: G05038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12600
API Well Number: 177094053200	Drilling Operator: TEXACO INC	Rkb Elevation: 138
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 14-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6767 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6768 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 29	Date of Summary: 11-JUN-1987	First Sample Examined: 0
Lease Number: G05038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14720
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14713
API Well Number: 177094072700	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 14-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9590 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9770 /	DEF AT Eggerella sp. (local marker)	DEF AT 0
9920 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
10130 /	DEF AT Eggerella sp. (local marker)	DEF AT 0
10370 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10700 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
11660 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13580 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13970 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
14090 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 29	Date of Summary: 16-JUL-1987	First Sample Examined: 10490
Lease Number: G05038	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 17100
API Well Number: 177094075200	Drilling Operator: TEXACO INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 10490 - 17100	Water Depth: 16
Public Info Code: Y 14-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11630 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13700 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
14000 /	DEF AT -----	DEF AT 4
14030 /	DEF AT -----	DEF AT 3
14060 /	DEF AT -----	DEF AT 4
14090 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14210 /	DEF AT -----	DEF AT 4
14660 /	DEF AT -----	DEF AT 3
14720 /	DEF AT -----	DEF AT 4
14780 /	DEF AT -----	DEF AT 3
14800 /	DEF AT -----	DEF AT 4
14810 /	DEF AT -----	DEF AT 3
14840 /	DEF AT -----	DEF AT 4
14870 /	DEF AT -----	DEF AT 3
16190 /	DEF AT -----	DEF AT 4
16250 /	DEF AT -----	DEF AT 3
16310 /	DEF AT -----	DEF AT 4
16520 /	DEF AT -----	DEF AT 3
16550 /	DEF AT -----	DEF AT 4
16600 /	DEF AT -----	DEF AT 3
16840 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
16930 /	DEF AT -----	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 29	<b>Date of Summary:</b> 16-JUL-1987	<b>First Sample Examined:</b> 10490
<b>Lease Number:</b> G05038	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17100
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17100
<b>API Well Number:</b> 177094075200	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10490 - 17100	<b>Water Depth:</b> 16
<b>Public Info Code:</b> Y 14-NOV-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16990 /	DEF AT -----	DEF AT 5
17050 /	DEF AT -----	DEF AT 4
17080 /	DEF AT -----	DEF AT 5
17100 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 29	Date of Summary: 16-JUL-1987	First Sample Examined: 14300
Lease Number: G05038	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 17100
API Well Number: 177094075200	Drilling Operator: TEXACO INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 14300 - 17020	Water Depth: 16
Public Info Code: Y 14-NOV-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14300 /	DEF AT first sample examined	DEF AT 0
14301 /	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 0
14390 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT 0
14800 /	DEF AT local marker floral decrease	DEF AT 0
16840 /	DEF AT local marker floral increase	DEF AT 0
16870 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT 0
16900 /	DEF AT local marker floral decrease	DEF AT 0
17020 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 29	Date of Summary: 08-SEP-1989	First Sample Examined: 0
Lease Number: G05038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16000
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15984
API Well Number: 177094081800	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 14-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10120 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10750 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
12580 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
14180 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
14270 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
14540 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 32	<b>Date of Summary:</b> 16-DEC-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00196	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10752
<b>Well Name:</b> 024	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10512
<b>API Well Number:</b> 177094032800	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 33
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 10
<b>Public Info Code:</b> Y 11-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** 9000=Timbalier Bay fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7563	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8600 / 8360	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
9000 / 8760	DEF AT local marker (general)	DEF AT 0
9700 / 9460	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9900 / 9660	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 0
10600 / 10360	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 32	Date of Summary:	First Sample Examined: 0
Lease Number: 00196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11170
Well Name: 025	Paleo Done By: OPERATOR	Borehole TVD: 11099
API Well Number: 177094032900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 16-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8850=Timbalier Bay fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7584	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8400 / 8349	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8850 / 8785	DEF AT local marker (general)	DEF AT 0
9600 / 9530	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9800 / 9729	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 0
10350 / 10279	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 33	Date of Summary: 07-JUL-1982	First Sample Examined: 7391
Lease Number: G03560	Source of Paleo: OPERATOR	Borehole MD: 15516
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15505
API Well Number: 177094048600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 7391 - 15501	Water Depth: 10
Public Info Code: Y 10-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7391 /	DEF AT first sample examined	DEF AT 0
7908 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7909 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9956 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
15315 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
15501 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 37	Date of Summary: 07-MAR-1988	First Sample Examined: 0
Lease Number: G07726	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12447
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12439
API Well Number: 177094077500	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 20-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11290 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11803 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
12304 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 38	Date of Summary: 09-JAN-2001	First Sample Examined: 0
Lease Number: G02894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12400
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 12182
API Well Number: 177094033600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 04-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11600 /11382	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11930 /11712	DEF AT Cyclammina sp. (local marker)	DEF AT 0
12170 /11952	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 38	Date of Summary:	First Sample Examined: 0
Lease Number: G02894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12128
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 12121
API Well Number: 177094032500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 17-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11180 /11174	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11780 /11774	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 38 <b>Lease Number:</b> G02894 <b>Well Name:</b> 014 <b>API Well Number:</b> 177094033900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 13-OCT-1988	<b>Date of Summary:</b> 20-SEP-1984 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 13329 <b>Borehole TVD:</b> 13069 <b>Rkb Elevation:</b> 55 <b>Water Depth:</b> 11 <b>Paleo ID:</b> 001
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Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /10374	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
11207 /11152	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11690 /11614	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12005 /11910	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
13240 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 42	Date of Summary: 08-SEP-1983	First Sample Examined: 0
Lease Number: G04858	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15738
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 15734
API Well Number: 177094055500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 09-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 /	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
14877 /	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 44	Date of Summary: 16-MAR-1982	First Sample Examined: 0
Lease Number: G03990	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15924
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15924
API Well Number: 177094046000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 21-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11010 /11010	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
12270 /12270	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12390 /12390	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 0
12450 /12450	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
13500 /13499	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
15540 /15539	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 46	Date of Summary: 10-FEB-1981	First Sample Examined: 4000
Lease Number: G04222	Source of Paleo: OPERATOR	Borehole MD: 9341
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9341
API Well Number: 177094043000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4000 - 9310	Water Depth: 22
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	POS IN Pleistocene	DEF AT 2
7240 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8200 /	DEF AT -----	DEF AT 3
8590 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9310 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 46	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G04222	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9341
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9341
API Well Number: 177094043000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 46	Date of Summary: 05-JAN-1980	First Sample Examined: 4230
Lease Number: G04222	Source of Paleo: OPERATOR	Borehole MD: 9325
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9325
API Well Number: 177094041800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 4230 - 9300	Water Depth: 24
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 / 4229	DEF AT cement	DEF AT 0
4231 / 4230	POS IN Pleistocene	DEF AT 0
4320 / 4319	DEF AT -----	DEF AT 1
5490 / 5489	DEF AT -----	DEF AT 2
5910 / 5909	DEF AT -----	DEF AT 1
7020 / 7019	DEF AT -----	DEF AT 2
7380 / 7379	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8700 / 8699	DEF AT -----	DEF AT 3
8940 / 8939	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9300 / 9299	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 46	Date of Summary: 01-JUL-1983	First Sample Examined: 0
Lease Number: G04222	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9325
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9325
API Well Number: 177094041800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7285 / 7284	POS IN Pliocene	DEF AT 0
7380 / 7379	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8940 / 8939	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 46	Date of Summary: 19-DEC-1985	First Sample Examined: 0
Lease Number: G04222	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9289
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8063
API Well Number: 177094071200	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 7313	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 47	Date of Summary: 30-JAN-1981	First Sample Examined: 0
Lease Number: 00317	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12150
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 12147
API Well Number: 177094040800	Drilling Operator: TEXACO INC	Rkb Elevation: 36
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 24-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7750	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9878 / 9877	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10180 / 10179	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 47 <b>Lease Number:</b> 00317 <b>Well Name:</b> 008 <b>API Well Number:</b> 177094042700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 16-APR-1991	<b>Date of Summary:</b> 28-AUG-1981 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL & GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 18079 <b>Borehole TVD:</b> 17906 <b>Rkb Elevation:</b> 140 <b>Water Depth:</b> 23 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7180 / 7180	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9205 / 9204	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9880 / 9879	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10285 / 10284	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12490 / 12487	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13525 / 13519	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 47	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: 00317	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10700
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 10700
API Well Number: 177094045300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 26-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 7050	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8970 / 8970	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10010 / 10010	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 47	Date of Summary: 27-SEP-1983	First Sample Examined: 3510
Lease Number: 00317	Source of Paleo: OPERATOR	Borehole MD: 10525
Well Name: 010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10524
API Well Number: 177094059100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 3510 - 10453	Water Depth: 23
Public Info Code: Y 20-SEP-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 /	DEF AT first sample examined	DEF AT 2
7650 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8615 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8989 /	DEF AT sample gap top	DEF AT 0
9020 /	DEF AT sample gap bottom	DEF AT 0
9021 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9674 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10016 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
10234 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10453 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 47	<b>Date of Summary:</b> 27-SEP-1983	<b>First Sample Examined:</b> 7356
<b>Lease Number:</b> 00317	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10856
<b>Well Name:</b> 010	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10504
<b>API Well Number:</b> 177094059101	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 44
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7356 - 10720	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 02-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7356 / 7355	DEF AT first sample examined	DEF AT 2
7560 / 7559	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8520 / 8477	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9090 / 8973	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9930 / 9697	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10282 /10004	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
10634 /10312	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10720 /10387	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 50	Date of Summary:	First Sample Examined: 0
Lease Number: G08432	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16995
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16978
API Well Number: 177094075000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 133
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7187 / 7186	POS IN Pliocene	DEF AT 0
8009 / 8008	POS AT Upper (Late) Miocene	DEF AT 0
10670 / 10668	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 51	<b>Date of Summary:</b> 19-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00078	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12800
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12800
<b>API Well Number:</b> 177094050100	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 17
<b>Public Info Code:</b> Y 01-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
7895 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8430 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
10349 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
11664 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 52	Date of Summary: 08-SEP-1980	First Sample Examined: 0
Lease Number: G03148	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12483
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12483
API Well Number: 177094039300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 18-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3704 /	POS AT Pleistocene	DEF AT 0
7754 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 52	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G03148	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177094042300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 17-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3704 / 3703	POS AT Pliocene	DEF AT 0
3705 / 3704	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8790 / 8786	POS AT Upper (Late) Miocene	DEF AT 0
8791 / 8787	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8792 / 8788	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
14500 /	DEF IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 52	Date of Summary: 03-NOV-1995	First Sample Examined: 0
Lease Number: G03148	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13230
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13230
API Well Number: 177094043800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 26-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 7619	POS AT Upper (Late) Miocene	DEF AT 0
7621 / 7620	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12250 /12248	POS AT Middle Miocene	DEF AT 0
12251 /12249	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 54	Date of Summary: 21-NOV-1988	First Sample Examined: 0
Lease Number: G05481	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15526
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15526
API Well Number: 177094079100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 29-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11890 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12850 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 56	<b>Date of Summary:</b> 19-NOV-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03780	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14992
<b>API Well Number:</b> 177094047300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 28
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 11
<b>Public Info Code:</b> Y 01-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10342 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
11472 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
12430 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
13478 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 57	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12414
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 12275
API Well Number: 177094047700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 10-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
9937 / 9936	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
10833 /10832	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
11041 /11040	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
11189 /11188	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
11619 /11618	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
12110 /12109	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 59	Date of Summary: 10-AUG-1984	First Sample Examined: 0
Lease Number: G05482	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 177094062400	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 13
Public Info Code: Y 01-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9050 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13090 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 59	Date of Summary: 20-JUL-1988	First Sample Examined: 0
Lease Number: G05482	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14420
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14410
API Well Number: 177094078700	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 01-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11880 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14090 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 62	Date of Summary: 09-SEP-1999	First Sample Examined: 0
Lease Number: 00424	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16583
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16583
API Well Number: 177094050300	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 09-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14360 /14359	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
15300 /15298	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 63	Date of Summary:	First Sample Examined: 0
Lease Number: 00425	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16371
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16243
API Well Number: 177094034001	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 10-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13607 /13555	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
15310 /15221	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 63	Date of Summary: 07-MAR-1989	First Sample Examined: 0
Lease Number: 00425	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17020
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17020
API Well Number: 177094052500	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 06-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11740 /11738	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12830 /12828	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13400 /13398	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14665 /14662	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
15550 /15544	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 63	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00425	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17054
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 17054
API Well Number: 177094056200	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 19-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14120 /14118	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
16400 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 71	<b>Date of Summary:</b> 18-APR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07728	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11500
<b>API Well Number:</b> 177094078100	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 22
<b>Public Info Code:</b> Y 31-JUL-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 /	DEF AT -----	DEF AT 1
4290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9350 /	DEF AT -----	DEF AT 3
10790 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11450 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 72	Date of Summary:	First Sample Examined: 0
Lease Number: G03151	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13409
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13409
API Well Number: 177094029600	Drilling Operator: TEXACO INC	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 15-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4240 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
5940 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7860 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9510 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9910 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10900 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
11930 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
13408 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 77	Date of Summary: 23-FEB-2001	First Sample Examined: 0
Lease Number: 00424	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16931
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16545
API Well Number: 177094044000	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 09-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10600 /10588	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10900 /10874	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11800 /11723	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12700 /12580	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14200 /13994	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 77	<b>Date of Summary:</b> 25-FEB-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00466	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15710
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14453
<b>API Well Number:</b> 177094040400	<b>Drilling Operator:</b> HUNT OIL COMPANY	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 22
<b>Public Info Code:</b> Y 15-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Same measured depths as well 5

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 /10567	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10900 /10896	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11860 /11808	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12700 /12601	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14200 /14024	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 77	Date of Summary: 25-OCT-1999	First Sample Examined: 0
Lease Number: 00466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15953
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 15491
API Well Number: 177094042000	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 21-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Same measured depths as well 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 /10560	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10900 /10889	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11860 /11807	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12700 /12570	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14200 /13936	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 77	Date of Summary: 09-MAR-2000	First Sample Examined: 0
Lease Number: 00466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 20103
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 19775
API Well Number: 177094046200	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 16-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14330 /14301	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
15020 /14955	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 77	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: 00466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17700
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 17529
API Well Number: 177094048100	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 07-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13994	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
15290 /15233	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 77	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16858
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 16597
API Well Number: 177094048101	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 01-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13892	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
15290 /15120	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 79	Date of Summary: 09-DEC-1983	First Sample Examined: 4500
Lease Number: G03993	Source of Paleo: OPERATOR	Borehole MD: 10367
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10367
API Well Number: 177094061300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10290	Water Depth: 20
Public Info Code: Y 03-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF IN 1
8160 /	DEF AT -----	DEF AT 2
9630 /	DEF AT -----	DEF AT 3
10170 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10290 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 79	Date of Summary: 02-FEB-1984	First Sample Examined: 4050
Lease Number: G03993	Source of Paleo: OPERATOR	Borehole MD: 11710
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11710
API Well Number: 177094062100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 4050 - 11670	Water Depth: 21
Public Info Code: Y 03-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 /	DEF AT first sample examined	DEF IN 2
7800 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9690 /	DEF AT -----	DEF AT 3
10440 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11670 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 79	Date of Summary: 10-MAY-1984	First Sample Examined: 0
Lease Number: G03993	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5000
API Well Number: 177094064000	Drilling Operator: WESTERN OCEANIC SERVICES INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 03-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3769 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 80	Date of Summary: 29-JUN-1988	First Sample Examined: 0
Lease Number: G06705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16264
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15479
API Well Number: 177094075700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 19-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10360 /10352	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11110 /11049	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12670 /12369	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14440 /13921	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 80	Date of Summary: 18-JUL-1989	First Sample Examined: 14000
Lease Number: G06705	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16491
API Well Number: 177094081200	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 14000 - 16500	Water Depth: 22
Public Info Code: Y 19-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /	DEF AT first sample examined	DEF IN 3
14090 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
15470 /	DEF AT -----	POS AT 4
15500 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	POS AT 4
16500 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 80	Date of Summary: 15-AUG-1989	First Sample Examined: 0
Lease Number: G06705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16491
API Well Number: 177094081200	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 19-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14090 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
15500 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 83	Date of Summary: 28-JUL-1989	First Sample Examined: 5130
Lease Number: G06709	Source of Paleo: OPERATOR	Borehole MD: 11647
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11171
API Well Number: 177094081500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 5130 - 11610	Water Depth: 24
Public Info Code: Y 24-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 5104	DEF AT first sample examined	DEF IN 2
8070 / 7832	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9780 / 9408	DEF AT - - - - -	DEF AT 3
9810 / 9436	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10860 / 10421	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11190 / 10734	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11610 / 11136	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 83	Date of Summary: 16-AUG-1989	First Sample Examined: 0
Lease Number: G06709	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11647
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11171
API Well Number: 177094081500	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 24-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8070 / 7832	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9810 / 9436	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10860 /10421	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11190 /10734	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 83	Date of Summary: 14-NOV-1989	First Sample Examined: 0
Lease Number: G06709	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11200
API Well Number: 177094083100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 24-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9810 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10680 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 85	Date of Summary: 06-DEC-1985	First Sample Examined: 0
Lease Number: G05487	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15900
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15839
API Well Number: 177094067200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 01-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15180 /15174	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 89	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11122
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 11114
API Well Number: 177094049700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9983	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10170 / 10162	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 89	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12484
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 12060
API Well Number: 177094055400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 11-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8450 / 8447	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8840 / 8834	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 89	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12952
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 12122
API Well Number: 177094055401	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8330 / 8317	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8690 / 8663	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10130 / 9863	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
10710 / 10308	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
11310 / 10802	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 90	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00228	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10637
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 10577
API Well Number: 177094049100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 26-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8460 / 8367	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9035 / 8941	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 90	Date of Summary: 17-MAR-1982	First Sample Examined: 0
Lease Number: 00229	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10130
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9928
API Well Number: 177092015501	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 20-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8490 / 8426	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9170 / 9051	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 90	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: 00229	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9050
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 9029
API Well Number: 177094058600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 14-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8260 / 8240	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 93	<b>Date of Summary:</b> 17-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00228	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10050
<b>Well Name:</b> 011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10036
<b>API Well Number:</b> 177094057200	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 50
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 05-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 8148	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8318 / 8305	DEF AT salt	DEF AT 0
8426 / 8412	DEF AT base of salt	DEF AT 0
9300 / 9284	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 93	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: 00228	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8906
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 8886
API Well Number: 177094057600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 28-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7795	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 95	Date of Summary: 05-JAN-1984	First Sample Examined: 0
Lease Number: 00046	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9056
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 9052
API Well Number: 177094059900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 01-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7275 / 7272	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7675 / 7671	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8090 / 8086	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 105	Date of Summary: 05-JUN-2000	First Sample Examined: 0
Lease Number: 00797	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12164
Well Name: D007	Paleo Done By: OPERATOR	Borehole TVD: 11653
API Well Number: 177094056400	Drilling Operator: DEVON LOUISIANA CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 20-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9370 / 8957	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
10542 / 10074	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
11073 / 10587	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12009 / 11500	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 25-APR-1979	First Sample Examined: 7020
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 15497
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15497
API Well Number: 177094035300	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 7020 - 15480	Water Depth: 26
Public Info Code: Y 13-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7020 / 7020	DEF AT first sample examined	DEF IN 2
7050 / 7050	DEF AT -----	DEF AT 3
7140 / 7140	DEF AT -----	DEF AT 2
10080 /10079	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11250 /11249	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12060 /12059	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12750 /12749	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15360 /15358	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
15480 /15478	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 21-SEP-1983	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15497
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15497
API Well Number: 177094035300	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 13-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 /10079	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11250 /11249	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12060 /12059	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12750 /12749	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
15360 /15358	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 17-DEC-1979	First Sample Examined: 9500
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16276
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15959
API Well Number: 177094037600	Drilling Operator: TEXASGULF INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 9500 - 16276	Water Depth: 26
Public Info Code: Y 14-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9494	DEF AT first sample examined	DEF IN 2
9620 / 9613	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11290 /11239	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11860 /11782	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12040 /11948	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12250 /12143	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16276 /15952	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 02-OCT-1995	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16276
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 15959
API Well Number: 177094037600	Drilling Operator: TEXASGULF INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 14-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9620 / 9613	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11290 / 11239	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11860 / 11782	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12040 / 11948	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12250 / 12143	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 18-AUG-1980	First Sample Examined: 10160
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16328
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15442
API Well Number: 177094039400	Drilling Operator: TEXASGULF INC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 10160 - 16280	Water Depth: 26
Public Info Code: Y 04-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10160 /10131	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11420 /11235	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12020 /11758	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12320 /12014	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13250 /12818	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16280 /15400	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 28-FEB-1995	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16328
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 15442
API Well Number: 177094039400	Drilling Operator: TEXASGULF INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 04-SEP-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11420 /11235	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12020 /11758	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12320 /12014	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13250 /12818	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 07-MAY-1981	First Sample Examined: 10000
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16546
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15842
API Well Number: 177094041400	Drilling Operator: TEXASGULF INC	Rkb Elevation: 96
Paleo Report Num: 1 of 3	Sample Range: 10000 - 12790	Water Depth: 26
Public Info Code: Y 26-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9658	DEF AT first sample examined	DEF IN 2
10210 / 9857	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11560 /11118	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12220 /11727	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12790 /12261	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 07-MAY-1981	First Sample Examined: 10531
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16546
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15842
API Well Number: 177094041400	Drilling Operator: TEXASGULF INC	Rkb Elevation: 96
Paleo Report Num: 2 of 3	Sample Range: 10531 - 16490	Water Depth: 26
Public Info Code: Y 26-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
10531 /10161	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11650 /11201	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12310 /11812	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13930 /13324	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16340 /15643	DEF AT sample gap top	DEF AT 0
16430 /15730	DEF AT sample gap bottom	DEF AT 0
16490 /15788	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 29-NOV-1982	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16546
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 15842
API Well Number: 177094041400	Drilling Operator: TEXASGULF INC	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 26-MAY-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10210 / 9857	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11650 / 11201	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12310 / 11812	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13930 / 13324	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 108	<b>Date of Summary:</b> 10-DEC-1980	<b>First Sample Examined:</b> 11850
<b>Lease Number:</b> G03811	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16022
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15017
<b>API Well Number:</b> 177094041500	<b>Drilling Operator:</b> TEXASGULF INC	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 11850 - 15990	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 18-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11850 /11262	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12360 /11723	DEF AT - - - - -	DEF AT 4
12390 /11750	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14010 /13195	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15990 /14988	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16022
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 15017
API Well Number: 177094041500	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 18-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11850 /11262	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12390 /11750	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14010 /13195	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 28-SEP-1981	First Sample Examined: 9500
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16970
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16191
API Well Number: 177094041501	Drilling Operator: TEXASGULF INC	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 9500 - 16970	Water Depth: 26
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9326	DEF AT first sample examined	DEF IN 2
9680 / 9489	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11390 /11046	DEF AT -----	DEF AT 3
11480 /11129	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11600 /11239	DEF AT -----	DEF AT 4
12260 /11855	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13250 /12787	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16580 /15838	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16700 /15947	DEF AT sample gap top	DEF AT 0
16880 /16110	DEF AT sample gap bottom	DEF AT 0
16970 /16191	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 17-AUG-1994	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16970
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 16191
API Well Number: 177094041501	Drilling Operator: TEXASGULF INC	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9680 / 9489	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11480 / 11129	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12260 / 11855	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13249 / 12786	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
16980 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 18-MAY-1982	First Sample Examined: 10200
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 15969
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15358
API Well Number: 177094044500	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 1 of 4	Sample Range: 10200 - 13500	Water Depth: 26
Public Info Code: Y 24-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /10038	DEF AT first sample examined	DEF IN 2
11400 /11123	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12090 /11759	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13500 /13077	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 18-MAY-1982	First Sample Examined: 13600
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 15969
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15358
API Well Number: 177094044500	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 2 of 4	Sample Range: 13600 - 15010	Water Depth: 26
Public Info Code: Y 24-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13600 /13173	DEF AT first sample examined	DEF AT 4
14110 /13658	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15010 /14501	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 18-MAY-1982	First Sample Examined: 14120
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 15969
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15358
API Well Number: 177094044500	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 3 of 4	Sample Range: 14120 - 15980	Water Depth: 26
Public Info Code: Y 24-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14120 /13668	DEF AT first sample examined	DEF AT 4
14121 /13669	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15350 /14818	DEF AT sample gap top	DEF AT 0
15770 /15189	DEF AT sample gap bottom	DEF AT 0
15980 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 108	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15969
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 15358
API Well Number: 177094044500	Drilling Operator: TEXASGULF INC	Rkb Elevation: 104
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 24-APR-1992	Ecozone Eq MMS:	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 /11123	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12090 /11759	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
14110 /13658	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 113A	<b>Date of Summary:</b> 19-NOV-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04442	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16439
<b>API Well Number:</b> 177094047900	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 54
<b>Public Info Code:</b> Y 14-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: 14100=Timbalier Bay fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 /11400	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12400 /12399	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14100 /14098	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 116	Date of Summary: 23-JUN-1992	First Sample Examined: 0
Lease Number: G12915	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12205
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12203
API Well Number: 177094091200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11080 /11078	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 126	Date of Summary: 20-MAY-1983	First Sample Examined: 0
Lease Number: 00052	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15550
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 15531
API Well Number: 177094048400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 06-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9799	DEF AT Cyclammina sp. (local marker)	DEF AT 0
10988 /10985	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11418 /11415	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12210 /12204	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 0
12700 /12688	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 0
13684 /13668	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 129A	Date of Summary:	First Sample Examined: 0
Lease Number: G08691	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10890
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 10843
API Well Number: 177094092600	Drilling Operator: NCX COMPANY INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 07-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9921 / 9876	POS AT Miocene	DEF AT 0
10761 /10714	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 133	Date of Summary: 08-MAR-1985	First Sample Examined: 0
Lease Number: G03401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15800
Well Name: CA001	Paleo Done By: OPERATOR	Borehole TVD: 15460
API Well Number: 177094045600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 08-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4899	POS AT Upper Pliocene	DEF AT 0
12670 / 12504	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 133	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: G03401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13221
Well Name: CA002	Paleo Done By: OPERATOR	Borehole TVD: 12723
API Well Number: 177094050700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 06-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4949	POS AT Pliocene	DEF AT 0
12400 / 11956	POS AT Upper (Late) Miocene	DEF AT 0
12401 / 11957	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12402 / 11958	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 133	Date of Summary: 28-JUN-2001	First Sample Examined: 0
Lease Number: G03401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13221
Well Name: CA002	Paleo Done By: OPERATOR	Borehole TVD: 12723
API Well Number: 177094050700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 06-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4949	POS AT Pliocene	DEF AT 0
12400 / 11956	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 133	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: G03401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13796
Well Name: CA003	Paleo Done By: OPERATOR	Borehole TVD: 13152
API Well Number: 177094053000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 18-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 4929	POS AT Pliocene	DEF AT 0
12489 / 12012	POS AT Upper (Late) Miocene	DEF AT 0
12490 / 12013	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12491 / 12014	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 139	Date of Summary: 07-MAY-1991	First Sample Examined: 3500
Lease Number: G11948	Source of Paleo: OPERATOR	Borehole MD: 8600
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8502
API Well Number: 177094088400	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3500 - 8570	Water Depth: 56
Public Info Code: Y 27-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF AT 1
4160 / 4160	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7850 / 7850	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8570 / 8570	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 139	Date of Summary: 13-MAY-1991	First Sample Examined: 0
Lease Number: G11948	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8502
API Well Number: 177094088400	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 27-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 / 4160	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7850 / 7850	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 147	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G04448	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17684
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17684
API Well Number: 177094046300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13860 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
15810 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 159	Date of Summary: 22-SEP-1981	First Sample Examined: 4500
Lease Number: G04449	Source of Paleo: OPERATOR	Borehole MD: 21000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20965
API Well Number: 177094044400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4500 - 21000	Water Depth: 70
Public Info Code: Y 13-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF IN 2
5370 / 5370	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9990 / 9989	POS AT -----	POS AT 3
10710 /10709	DEF AT Upper Miocene (Messinian) Textularia "X"	POS AT 3
12030 /12028	DEF AT -----	DEF AT 4
15090 /15088	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
20180 /20149	DEF AT -----	DEF AT 5
20720 /20687	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
21000 /20966	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 159	<b>Date of Summary:</b> 15-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04449	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 21000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 20965
<b>API Well Number:</b> 177094044400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 70
<b>Public Info Code:</b> Y 13-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 5400	DEF AT local marker (general)	DEF AT 0
9510 / 9509	DEF AT local marker (general)	DEF AT 0
11700 /11698	DEF AT local marker (general)	DEF AT 0
12420 /12418	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13650 /13648	DEF AT Cyclammina sp. (local marker)	DEF AT 0
16110 /16107	POS IN Pliocene	DEF AT 0
16111 /16108	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
19880 /19850	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
20720 /20687	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 159	Date of Summary: 13-OCT-1982	First Sample Examined: 1270
Lease Number: G04449	Source of Paleo: OPERATOR	Borehole MD: 18831
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 18827
API Well Number: 177094050500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 1270 - 18790	Water Depth: 75
Public Info Code: Y 01-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1270 /	DEF AT first sample examined	DEF AT 1
5200 /	DEF AT local marker (general)	DEF AT 1
9340 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
12040 /	DEF AT local marker (general)	DEF AT 2
12730 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
12820 /	DEF AT -----	DEF AT 1
13930 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
14800 /	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 2
15520 /	DEF AT -----	DEF AT 1
16030 /	DEF AT -----	DEF AT 2
16210 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
16660 /	DEF AT local marker foram increase	DEF AT 2
18758 /	POS AT fault	DEF AT 0
18759 /	POS AT unconformity	DEF AT 0
18760 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
18790 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 159	Date of Summary: 23-JAN-2001	First Sample Examined: 0
Lease Number: G04449	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18831
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 18827
API Well Number: 177094050500	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 01-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5200 /	DEF AT local marker (general)	DEF AT 0
9340 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12040 /	DEF AT local marker (general)	DEF AT 0
12730 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13930 /	DEF AT local marker (general)	DEF AT 0
15860 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
15940 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
16370 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
17015 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
18760 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 174	Date of Summary: 01-AUG-1979	First Sample Examined: 8010
Lease Number: G03782	Source of Paleo: OPERATOR	Borehole MD: 14765
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14069
API Well Number: 177094037100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 8010 - 14760	Water Depth: 84
Public Info Code: Y 02-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 8009	DEF AT first sample examined	DEF AT 0
8011 / 8010	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8910 / 8907	DEF AT local marker foram increase	DEF AT 0
9240 / 9234	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
9750 / 9733	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
10080 /10050	DEF AT local marker foram increase	DEF AT 0
10620 /10552	POS AT reworked material	DEF AT 0
11250 /11115	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0
11400 /11245	DEF AT Cyclammina sp. (local marker)	DEF AT 0
11670 /11475	POS IN Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 0
12810 /12460	DEF AT Cyclammina cancellata (local marker)	DEF AT 0
12990 /12613	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13710 /13211	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14610 /13947	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 0
14760 /14069	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 174	Date of Summary: 18-MAY-1983	First Sample Examined: 1400
Lease Number: G03782	Source of Paleo: OPERATOR	Borehole MD: 13196
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13196
API Well Number: 177094055800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1400 - 13196	Water Depth: 84
Public Info Code: Y 02-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 /	DEF AT first sample examined	DEF AT 0
1800 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
1980 /	DEF AT sample gap top	DEF AT 0
3600 /	DEF AT sample gap bottom	DEF AT 0
4650 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
5550 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6300 /	DEF AT shell fragments	DEF AT 0
9330 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9930 /	DEF AT local marker (general)	DEF AT 0
10560 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11520 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
12900 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13196 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 175	<b>Date of Summary:</b> 31-JUL-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00438	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11291
<b>Well Name:</b> D021	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10239
<b>API Well Number:</b> 177092012601	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 84
<b>Public Info Code:</b> Y 17-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9640 / 8593	POS IN Lower Pleistocene	DEF AT 0
10720 / 9671	POS AT Upper Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 21-MAY-1979	First Sample Examined: 960
Lease Number: 00438	Source of Paleo: OPERATOR	Borehole MD: 14045
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 12352
API Well Number: 177094035400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 960 - 14010	Water Depth: 87
Public Info Code: Y 12-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 / 960	DEF AT first sample examined	DEF AT 0
1800 / 1800	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4650 / 4650	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5100 / 5098	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5880 / 5858	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
7650 / 7308	DEF AT Arenaceous fauna (local marker)	DEF AT 0
7920 / 7520	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8190 / 7735	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9330 / 8637	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
9810 / 9021	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
11130 /10072	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11460 /10338	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0
11490 /10363	DEF AT local marker (general)	DEF AT 0
11520 /10387	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 0
11940 /10727	DEF AT sandstone	DEF AT 0
12330 /11030	DEF AT sandstone	DEF AT 0
12690 /11305	DEF AT Cyclamina cancellata (local marker)	DEF AT 0
12840 /11421	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13560 /11972	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13860 /12196	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
14010 /12306	DEF AT last sample examined	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 175	<b>Date of Summary:</b> 16-DEC-1981	<b>First Sample Examined:</b> 13090
<b>Lease Number:</b> 00438	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14268
<b>Well Name:</b> F004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11992
<b>API Well Number:</b> 177094041000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 13090 - 14230	<b>Water Depth:</b> 87
<b>Public Info Code:</b> Y 15-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13300 /11202	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13390 /11276	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13690 /11520	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
14140 /11887	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14200 /11936	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 175	<b>Date of Summary:</b> 01-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00438	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14268
<b>Well Name:</b> F004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11992
<b>API Well Number:</b> 177094041000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 87
<b>Public Info Code:</b> Y 15-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13390 /11276	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13391 /11277	POS AT Pliocene	DEF AT 0
13932 /11717	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 01-MAR-1982	First Sample Examined: 0
Lease Number: 00438	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13617
Well Name: F004	Paleo Done By: OPERATOR	Borehole TVD: 11367
API Well Number: 177094041001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 06-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13450 /11472	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13451 /11473	POS AT Pliocene	DEF AT 0
13452 /11474	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 31-MAY-1981	First Sample Examined: 9180
Lease Number: 00438	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: F005	Paleo Done By: OPERATOR	Borehole TVD: 13845
API Well Number: 177094042900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 9180 - 14300	Water Depth: 87
Public Info Code: Y 13-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9180 / 8748	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9810 / 9365	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11490 /11043	POS AT fault	DEF AT 0
11491 /11044	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11640 /11193	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12330 /11882	DEF AT local marker foram increase	DEF AT 0
12360 /11912	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14220 /	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14300 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 20-JUL-1982	First Sample Examined: 0
Lease Number: 00438	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14300
Well Name: F005	Paleo Done By: OPERATOR	Borehole TVD: 13845
API Well Number: 177094042900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 13-JUN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12330 /11882	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 18-MAR-1982	First Sample Examined: 11380
Lease Number: 00438	Source of Paleo: OPERATOR	Borehole MD: 12220
Well Name: F006	Paleo Done By: OPERATOR	Borehole TVD: 11786
API Well Number: 177094048300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 11380 - 12190	Water Depth: 87
Public Info Code: Y 23-MAR-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11530 /11199	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11590 /11258	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
11800 /11467	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: 00438	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12220
Well Name: F006	Paleo Done By: OPERATOR	Borehole TVD: 11786
API Well Number: 177094048300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 23-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11530 /11199	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11800 /11467	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 175	Date of Summary: 18-MAR-1982	First Sample Examined: 11410
Lease Number: 00438	Source of Paleo: OPERATOR	Borehole MD: 12234
Well Name: F006	Paleo Done By: OPERATOR	Borehole TVD: 11799
API Well Number: 177094048301	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 11410 - 12070	Water Depth: 87
Public Info Code: Y 16-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11500 /11130	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11590 /11213	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
11830 /11435	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
11890 /11490	DEF AT sandstone	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 176	Date of Summary: 19-JUL-1983	First Sample Examined: 9490
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 11920
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11664
API Well Number: 177092000701	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 9490 - 11920	Water Depth: 84
Public Info Code: Y 08-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 9387	DEF AT first sample examined	DEF AT 0
10050 / 9914	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11920 / 11667	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 182	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G04452	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177094045400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 20-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 /	POS AT Upper Pliocene	DEF AT 0
11681 /	POS AT Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 185	Date of Summary: 04-FEB-1986	First Sample Examined: 0
Lease Number: G07732	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17025
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17025
API Well Number: 177094071700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6195 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 185	<b>Date of Summary:</b> 01-APR-1986	<b>First Sample Examined:</b> 12140
<b>Lease Number:</b> G07732	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17025
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17025
<b>API Well Number:</b> 177094071700	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12140 - 17025	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 31-AUG-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12140 /	DEF AT first sample examined	DEF AT 2
12440 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
13550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
13970 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14210 /	DEF AT faunal change (no faunal increase)	DEF AT 4
14830 /	DEF AT faunal change (no faunal increase)	DEF AT 3
15140 /	DEF AT faunal change (no faunal increase)	DEF AT 4
15650 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
16160 /	DEF AT faunal change (no faunal increase)	DEF AT 5
16550 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
17025 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 188	Date of Summary: 23-NOV-1982	First Sample Examined: 10270
Lease Number: 00443	Source of Paleo: OPERATOR	Borehole MD: 13416
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 13254
API Well Number: 177094051500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 10270 - 13420	Water Depth: 69
Public Info Code: Y 21-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10270 /10240	DEF AT first sample examined	DEF AT 0
11020 /10970	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13420 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 188	Date of Summary: 01-FEB-1973	First Sample Examined: 9190
Lease Number: 00443	Source of Paleo: OPERATOR	Borehole MD: 11329
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 11283
API Well Number: 177094053400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 45
Paleo Report Num: 1 of 2	Sample Range: 9190 - 10710	Water Depth: 70
Public Info Code: Y 21-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9190 / 9181	DEF AT first sample examined	DEF AT 0
10140 /10121	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10710 /10684	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 188	Date of Summary: 01-MAR-1983	First Sample Examined: 10380
Lease Number: 00443	Source of Paleo: OPERATOR	Borehole MD: 11329
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 11283
API Well Number: 177094053400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 45
Paleo Report Num: 2 of 2	Sample Range: 10380 - 11310	Water Depth: 70
Public Info Code: Y 21-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 /10359	DEF AT first sample examined	DEF AT 0
10560 /10537	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11310 /11265	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 188	<b>Date of Summary:</b> 28-OCT-1982	<b>First Sample Examined:</b> 10510
<b>Lease Number:</b> 00443	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14119
<b>Well Name:</b> JB001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13929
<b>API Well Number:</b> 177094051300	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10510 - 14110	<b>Water Depth:</b> 72
<b>Public Info Code:</b> Y 25-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10510 /10379	DEF AT first sample examined	DEF AT 0
11440 /11304	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
14110 /13925	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 189	Date of Summary: 16-MAY-1983	First Sample Examined: 11512
Lease Number: 00423	Source of Paleo: OPERATOR	Borehole MD: 12604
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 12225
API Well Number: 177090069501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 11512 - 12600	Water Depth: 70
Public Info Code: Y 01-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11512 /11158	DEF AT first sample examined	DEF AT 0
12600 /12243	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 189	Date of Summary: 19-JUL-1983	First Sample Examined: 11300
Lease Number: 00423	Source of Paleo: OPERATOR	Borehole MD: 11676
Well Name: B019	Paleo Done By: OPERATOR	Borehole TVD: 10868
API Well Number: 177090075701	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 11300 - 11676	Water Depth: 70
Public Info Code: Y 31-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11300 /10572	DEF AT first sample examined	DEF AT 0
11676 /10944	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 189	Date of Summary: 08-AUG-1983	First Sample Examined: 10100
Lease Number: 00423	Source of Paleo: OPERATOR	Borehole MD: 11742
Well Name: B021	Paleo Done By: OPERATOR	Borehole TVD: 10682
API Well Number: 177090078601	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 10100 - 11742	Water Depth: 70
Public Info Code: Y 23-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9241	DEF AT first sample examined	DEF AT 0
11742 / 10695	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 189	Date of Summary: 28-AUG-1983	First Sample Examined: 11000
Lease Number: 00423	Source of Paleo: OPERATOR	Borehole MD: 13425
Well Name: B027	Paleo Done By: OPERATOR	Borehole TVD: 13080
API Well Number: 177094059000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 11000 - 11360	Water Depth: 70
Public Info Code: Y 16-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /10779	DEF AT first sample examined	DEF AT 0
11360 /11116	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 22-NOV-1982	First Sample Examined: 2600
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8054
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7964
API Well Number: 177094052200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2600 - 8020	Water Depth: 82
Public Info Code: Y 10-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2600	DEF AT first sample examined	DEF AT 2
4380 / 4380	DEF AT -----	DEF AT 3
5440 / 5437	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5530 / 5526	DEF AT -----	DEF AT 2
7240 / 7186	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7810 / 7731	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8020 / 7931	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 22-NOV-1982	First Sample Examined: 4497
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8731
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8492
API Well Number: 177094052201	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4497 - 8720	Water Depth: 82
Public Info Code: Y 18-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4497 / 4497	DEF AT first sample examined	DEF AT 2
4930 / 4926	DEF AT -----	DEF AT 3
5320 / 5305	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5410 / 5392	DEF AT -----	DEF AT 2
7220 / 7094	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8060 / 7872	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8720 / 8483	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 13-DEC-1982	First Sample Examined: 3100
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 9850
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9053
API Well Number: 177094052202	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3100 - 9660	Water Depth: 82
Public Info Code: Y 04-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3100 / 3100	DEF AT first sample examined	DEF AT 2
4660 / 4600	DEF AT -----	DEF AT 3
5150 / 5037	DEF AT sample gap top	DEF AT 0
7749 / 7251	DEF AT sample gap bottom	DEF AT 0
7750 / 7252	DEF AT -----	DEF AT 2
7960 / 7432	DEF AT sample gap top	DEF AT 0
8719 / 8086	DEF AT sample gap bottom	DEF AT 0
8720 / 8087	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9660 / 8892	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 16-DEC-1982	First Sample Examined: 3020
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 9600
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9178
API Well Number: 177094052203	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3020 - 9150	Water Depth: 82
Public Info Code: Y 21-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 3020	DEF AT first sample examined	DEF AT 2
5380 / 5246	DEF AT sample gap top	DEF AT 0
5679 / 5519	DEF AT sample gap bottom	DEF AT 0
5680 / 5520	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8730 / 8346	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9150 / 8746	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 16-DEC-1982	First Sample Examined: 3024
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 9120
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9120
API Well Number: 177094052204	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3024 - 8880	Water Depth: 82
Public Info Code: Y 07-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3024 /	DEF AT first sample examined	DEF AT 2
4760 /	DEF AT -----	DEF AT 3
5710 /	DEF AT -----	DEF AT 2
7290 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7500 /	DEF AT -----	DEF AT 2
8270 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8880 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 24-FEB-1983	First Sample Examined: 2755
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8584
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8546
API Well Number: 177094052800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 2755 - 7250	Water Depth: 80
Public Info Code: Y 19-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2755 / 2755	DEF AT first sample examined	DEF AT 2
4560 / 4548	DEF AT local marker (general)	DEF AT 3
4865 / 4841	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5115 / 5085	DEF AT -----	DEF AT 2
5210 / 5179	DEF AT sample gap top	DEF AT 0
5459 / 5425	DEF AT sample gap bottom	DEF AT 0
5460 / 5426	DEF AT -----	DEF AT 2
6915 / 6878	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7065 / 7028	POS AT gouge	DEF AT 5
7250 / 7213	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 24-FEB-1983	First Sample Examined: 4045
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8584
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8546
API Well Number: 177094052800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 2 of 3	Sample Range: 4045 - 8585	Water Depth: 80
Public Info Code: Y 19-MAR-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack A

MD / TVD	Paleo Top Description	Ecozone
4045 / 4044	DEF AT first sample examined	DEF AT 2
4575 / 4562	DEF AT local marker (general)	DEF AT 3
5315 / 5283	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5410 / 5377	DEF AT -----	DEF AT 2
6800 / 6763	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7150 / 7113	DEF AT -----	DEF AT 2
7720 / 7683	DEF AT -----	DEF AT 3
7895 / 7858	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8172 / 8135	DEF AT -----	DEF AT 3
8585 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 04-MAY-1983	First Sample Examined: 0
Lease Number: G03995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8584
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8546
API Well Number: 177094052800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 19-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6915 / 6878	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7050 / 7013	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 21-DEC-1983	First Sample Examined: 0
Lease Number: G03995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9957
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9870
API Well Number: 177094052801	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 01-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6715	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7895 / 7809	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8660 / 8573	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 24-MAR-1995	First Sample Examined: 3460
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 9957
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9870
API Well Number: 177094052801	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 3460 - 9945	Water Depth: 80
Public Info Code: Y 01-APR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3458	DEF AT first sample examined	DEF AT 2
4460 / 4431	DEF AT local marker (general)	DEF AT 3
4610 / 4576	DEF AT -----	DEF AT 2
5245 / 5187	DEF AT -----	DEF AT 3
5460 / 5395	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5585 / 5516	DEF AT -----	DEF AT 2
7015 / 6929	DEF AT sample gap top	DEF AT 0
7173 / 7087	DEF AT sample gap bottom	DEF AT 0
7174 / 7088	DEF AT -----	DEF AT 2
7269 / 7183	DEF AT -----	DEF AT 3
7327 / 7241	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7670 / 7584	DEF AT -----	DEF AT 2
7950 / 7864	DEF AT -----	DEF AT 3
8660 / 8573	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9155 / 9068	DEF AT -----	DEF AT 2
9945 / 9858	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 24-MAR-1983	First Sample Examined: 4280
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 7081
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6974
API Well Number: 177094052802	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4280 - 7080	Water Depth: 80
Public Info Code: Y 09-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4280 / 4265	DEF AT first sample examined	DEF AT 2
4465 / 4444	DEF AT local marker (general)	DEF AT 3
5030 / 4989	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5530 / 5474	DEF AT sample gap top	DEF AT 0
6119 / 6044	DEF AT sample gap bottom	DEF AT 0
6120 / 6045	DEF AT - - - - -	DEF AT 3
6455 / 6369	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6740 / 6644	DEF AT local marker deep water fauna	DEF AT 5
6741 / 6645	POS AT gouge	DEF AT 5
6925 / 6823	DEF AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 24-MAR-1983	First Sample Examined: 4170
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8761
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8538
API Well Number: 177094052803	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4170 - 8714	Water Depth: 80
Public Info Code: Y 17-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 4160	DEF AT first sample examined	DEF AT 2
4900 / 4863	DEF AT local marker (general)	DEF AT 3
5175 / 5129	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5335 / 5283	DEF AT -----	DEF AT 2
7140 / 7001	DEF AT -----	DEF AT 3
7170 / 7029	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7480 / 7318	DEF AT -----	DEF AT 2
7785 / 7605	DEF AT -----	DEF AT 3
8160 / 7962	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8340 / 8134	DEF AT -----	DEF AT 2
8653 / 8434	DEF AT -----	DEF AT 4
8714 / 8493	DEF AT local marker deep water fauna	DEF AT 5
8715 / 8494	POS AT gouge	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 07-JUL-1983	First Sample Examined: 5990
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 11410
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9505
API Well Number: 177094056500	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 5990 - 11390	Water Depth: 83
Public Info Code: Y 05-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5116	DEF AT first sample examined	DEF AT 3
6515 / 5499	DEF AT -----	DEF AT 2
8700 / 7179	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8915 / 7353	DEF AT -----	DEF AT 2
9297 / 7670	DEF AT -----	DEF AT 3
10025 / 8291	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10395 / 8610	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 191	<b>Date of Summary:</b> 28-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11410
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9505
<b>API Well Number:</b> 177094056500	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 83
<b>Public Info Code:</b> Y 05-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10023 / 8289	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 07-JUL-1983	First Sample Examined: 6572
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 9029
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7719
API Well Number: 177094056502	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6572 - 9055	Water Depth: 86
Public Info Code: Y 20-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6572 / 5527	DEF AT first sample examined	DEF AT 2
8405 / 7143	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9055 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 20-JUL-1983	First Sample Examined: 5830
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 10214
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8876
API Well Number: 177094056503	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 5830 - 10185	Water Depth: 83
Public Info Code: Y 29-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5830 / 4999	DEF AT first sample examined	DEF AT 2
8265 / 7076	DEF AT -----	DEF AT 3
8330 / 7135	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8450 / 7244	DEF AT -----	DEF AT 2
8975 / 7725	DEF AT -----	DEF AT 3
9290 / 8016	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9815 / 8502	DEF AT -----	DEF AT 3
10185 / 8849	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 21-FEB-1985	First Sample Examined: 0
Lease Number: G03995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10214
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8876
API Well Number: 177094056503	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 29-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9495 / 8205	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 09-AUG-1983	First Sample Examined: 5050
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8773
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8051
API Well Number: 177094058800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 5050 - 8770	Water Depth: 83
Public Info Code: Y 31-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5050 / 4782	DEF AT first sample examined	DEF AT 3
5080 / 4809	DEF IN local marker (general)	DEF AT 3
5760 / 5414	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5825 / 5472	DEF AT -----	DEF AT 2
7375 / 6832	DEF AT -----	DEF AT 3
7590 / 7022	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7780 / 7192	DEF AT -----	DEF AT 2
8180 / 7546	DEF AT -----	DEF AT 3
8400 / 7735	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8585 / 7892	DEF AT -----	DEF AT 3
8770 / 8049	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 23-SEP-1983	First Sample Examined: 0
Lease Number: G03995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8773
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8051
API Well Number: 177094058800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 31-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5414	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8400 / 7735	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 191	<b>Date of Summary:</b> 01-SEP-1983	<b>First Sample Examined:</b> 4700
<b>Lease Number:</b> G03995	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9335
<b>Well Name:</b> A002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8755
<b>API Well Number:</b> 177094058801	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4700 - 9315	<b>Water Depth:</b> 83
<b>Public Info Code:</b> Y 08-SEP-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4483	DEF AT first sample examined	DEF AT 2
4855 / 4621	DEF IN local marker (general)	DEF AT 3
5724 / 5416	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5755 / 5444	DEF AT -----	DEF AT 2
7305 / 6859	DEF AT -----	DEF AT 3
7580 / 7108	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7795 / 7304	DEF AT -----	DEF AT 2
8575 / 8033	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8695 / 8147	DEF AT -----	DEF AT 3
9315 / 8736	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 19-JUL-1983	First Sample Examined: 5015
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9031
API Well Number: 177094057300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 5015 - 10000	Water Depth: 83
Public Info Code: Y 15-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5015 / 4566	DEF AT first sample examined	DEF AT 2
5825 / 5236	DEF AT -----	DEF AT 3
6015 / 5397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6350 / 5683	DEF AT -----	DEF AT 2
8110 / 7269	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9165 / 8248	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10000 / 9031	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 14-JUN-1984	First Sample Examined: 0
Lease Number: G03995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9031
API Well Number: 177094057300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 15-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6015 / 5397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9165 / 8248	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 12-OCT-1983	First Sample Examined: 5975
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9158
API Well Number: 177094058900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 5975 - 9680	Water Depth: 83
Public Info Code: Y 06-NOV-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5975 / 5699	DEF AT first sample examined	DEF AT 2
6455 / 6145	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6640 / 6317	DEF AT -----	DEF AT 2
7510 / 7123	DEF AT -----	DEF AT 3
7665 / 7266	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7945 / 7525	DEF AT -----	DEF AT 2
8850 / 8364	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9680 / 9139	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 02-MAY-1990	First Sample Examined: 0
Lease Number: G03995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9700
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9158
API Well Number: 177094058900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 06-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6455 / 6145	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8850 / 8364	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 29-SEP-1983	First Sample Examined: 7000
Lease Number: G03995	Source of Paleo: OPERATOR	Borehole MD: 8574
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8366
API Well Number: 177094059201	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 7000 - 8520	Water Depth: 83
Public Info Code: Y 24-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6868	DEF AT first sample examined	DEF AT 2
7380 / 7232	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7530 / 7375	DEF AT -----	DEF AT 2
8120 / 7936	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8520 / 8315	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 191	<b>Date of Summary:</b> 21-FEB-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8574
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8366
<b>API Well Number:</b> 177094059201	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 83
<b>Public Info Code:</b> Y 24-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 7936	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 21-SEP-1983	First Sample Examined: 7760
Lease Number: G05501	Source of Paleo: OPERATOR	Borehole MD: 13131
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12895
API Well Number: 177094059200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 7760 - 13100	Water Depth: 78
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7760 / 7731	DEF AT first sample examined	DEF AT 2
7761 / 7732	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
8280 / 8224	DEF AT faunal change (no faunal increase)	DEF AT 3
8780 / 8700	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9955 / 9827	DEF AT poor sample interval top	POS AT 3
10425 / 10280	DEF AT poor sample interval bottom	DEF AT 3
11170 / 10999	DEF AT local marker foram increase	DEF AT 4
12130 / 11925	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12815 / 12588	POS AT gouge	DEF AT 5
13100 / 12865	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 191	Date of Summary: 07-OCT-1983	First Sample Examined: 0
Lease Number: G05501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13131
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 12895
API Well Number: 177094059200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 8072	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 193	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: 00572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12890
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 12523
API Well Number: 177094045900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 23-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11577 /11418	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 196	Date of Summary: 12-JUL-1983	First Sample Examined: 0
Lease Number: 00802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13580
Well Name: H001	Paleo Done By: OPERATOR	Borehole TVD: 13580
API Well Number: 177094039500	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 17-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5250 / 5249	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6470 / 6469	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
12000 / 11998	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 196	Date of Summary: 23-SEP-1983	First Sample Examined: 0
Lease Number: 00802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15124
Well Name: H002	Paleo Done By: OPERATOR	Borehole TVD: 14362
API Well Number: 177094049800	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 12-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11910 /11593	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
14590 /13906	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 196	Date of Summary: 23-SEP-1983	First Sample Examined: 0
Lease Number: 00802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15684
Well Name: H003	Paleo Done By: OPERATOR	Borehole TVD: 14700
API Well Number: 177094052400	Drilling Operator: TEXACO INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 11-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10600 /10589	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11650 /11552	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
14210 /13575	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 196	Date of Summary: 21-DEC-1983	First Sample Examined: 0
Lease Number: 00802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17068
Well Name: H004	Paleo Done By: OPERATOR	Borehole TVD: 15490
API Well Number: 177094054200	Drilling Operator: TEXACO INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 09-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15490 /14199	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 196	Date of Summary: 30-JAN-1981	First Sample Examined: 0
Lease Number: 00805	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8579
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 7755
API Well Number: 177094011701	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 07-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 / 3782	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5622 / 5051	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6955 / 6213	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 198	Date of Summary: 18-FEB-1983	First Sample Examined: 9290
Lease Number: 00436	Source of Paleo: OPERATOR	Borehole MD: 14571
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14065
API Well Number: 177094053300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 9290 - 14571	Water Depth: 90
Public Info Code: Y 14-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9290 / 9046	DEF AT first sample examined	DEF IN 2
9530 / 9265	DEF AT Cyclammina sp. (local marker)	DEF AT 3
10225 / 9896	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12720 /12222	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14000 /13495	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
14540 /14034	DEF AT - - - - -	DEF AT 6
14571 /14065	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 205	Date of Summary: 05-JUL-2001	First Sample Examined: 0
Lease Number: 00805	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12235
Well Name: F008	Paleo Done By: OPERATOR	Borehole TVD: 11454
API Well Number: 177094031300	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 20-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand; 1185= O fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5270 / 4831	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6480 / 5918	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
9690 / 8912	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9912 / 9133	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10860 / 10081	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11850 / 11071	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 205	Date of Summary: 05-JUL-2001	First Sample Examined: 0
Lease Number: 00805	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10129
Well Name: F009	Paleo Done By: OPERATOR	Borehole TVD: 9543
API Well Number: 177094033200	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 24-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5140 / 4899	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6400 / 6026	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
9560 / 9012	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9849 / 9282	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 205	Date of Summary:	First Sample Examined: 0
Lease Number: 00806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12602
Well Name: F003	Paleo Done By: OPERATOR	Borehole TVD: 11360
API Well Number: 177094028500	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 09-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9430 / 8635	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11360 / 10240	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11620 / 10476	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 208	Date of Summary: 24-JUN-1981	First Sample Examined: 5500
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 9506
Well Name: I001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9287
API Well Number: 177094045000	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 5500 - 8410	Water Depth: 94
Public Info Code: Y 21-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5334	DEF AT first sample examined	DEF IN 2
5560 / 5391	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6850 / 6650	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8050 / 7841	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8320 / 8110	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8380 / 8170	DEF AT faunal change (no faunal increase)	DEF AT 4
8410 / 8200	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 208	Date of Summary: 24-JUN-1981	First Sample Examined: 5500
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 9506
Well Name: I001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9287
API Well Number: 177094045000	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 5500 - 9505	Water Depth: 94
Public Info Code: Y 21-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5334	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6640 / 6442	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7810 / 7602	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8290 / 8080	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8380 / 8170	DEF AT faunal change (no faunal increase)	DEF AT 4
8770 / 8559	POS AT anhydrite	DEF AT 4
8890 / 8679	DEF AT anhydrite	DEF AT 4
9505 / 9294	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 208	<b>Date of Summary:</b> 06-JUL-1983	<b>First Sample Examined:</b> 3690
<b>Lease Number:</b> 00576	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8370
<b>Well Name:</b> I002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7930
<b>API Well Number:</b> 177094056800	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3690 - 8340	<b>Water Depth:</b> 91
<b>Public Info Code:</b> Y 16-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3473	DEF AT first sample examined	DEF IN 1
5790 / 5421	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5850 / 5476	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6690 / 6274	DEF AT faunal change (no faunal increase)	DEF AT 3
8130 / 7694	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8280 / 7843	DEF AT faunal change (no faunal increase)	DEF AT 4
8340 / 7903	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 208	Date of Summary: 26-SEP-1983	First Sample Examined: 0
Lease Number: 00576	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9020
Well Name: I003	Paleo Done By: OPERATOR	Borehole TVD: 8427
API Well Number: 177094058100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 91
Public Info Code: Y 10-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 / 7731	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 208	<b>Date of Summary:</b> 18-MAR-1985	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> 00576	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9020
<b>Well Name:</b> I003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8427
<b>API Well Number:</b> 177094058100	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3000 - 8668	<b>Water Depth:</b> 91
<b>Public Info Code:</b> Y 10-OCT-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2896	DEF AT first sample examined	DEF IN 1
3540 / 3385	DEF AT -----	DEF AT 2
5700 / 5340	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5850 / 5475	DEF AT -----	DEF AT 3
6990 / 6497	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8668 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 208	Date of Summary: 08-AUG-1983	First Sample Examined: 3030
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: I004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7531
API Well Number: 177094058700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3030 - 7980	Water Depth: 91
Public Info Code: Y 02-SEP-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 / 2894	DEF AT first sample examined	DEF IN 1
4290 / 4022	DEF AT faunal change (no faunal increase)	DEF AT 2
4530 / 4239	DEF AT sample gap top	POS AT 2
6089 / 5672	DEF AT sample gap bottom	DEF AT 2
6090 / 5673	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6930 / 6484	DEF AT faunal change (no faunal increase)	DEF AT 3
7530 / 7076	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7740 / 7284	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7980 / 7523	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 208	<b>Date of Summary:</b> 06-OCT-1983	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> 00576	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10560
<b>Well Name:</b> I005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10300
<b>API Well Number:</b> 177094059600	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4000 - 10560	<b>Water Depth:</b> 91
<b>Public Info Code:</b> Y 30-SEP-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3999	DEF AT first sample examined	DEF IN 1
5230 / 5202	DEF AT faunal change (no faunal increase)	DEF AT 2
5470 / 5430	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7390 / 7247	DEF AT faunal change (no faunal increase)	DEF AT 3
9070 / 8875	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9160 / 8961	DEF AT faunal change (no faunal increase)	DEF AT 4
10090 / 9852	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10560 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 208	Date of Summary: 14-APR-1983	First Sample Examined: 4590
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 9050
Well Name: I007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8548
API Well Number: 177094056300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4590 - 9030	Water Depth: 91
Public Info Code: Y 11-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4590 / 4521	DEF AT first sample examined	DEF IN 1
5100 / 5016	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5370 / 5279	POS AT faunal change (no faunal increase)	POS AT 3
5460 / 5366	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
7170 / 7058	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
8370 / 8257	DEF AT Lower Pliocene (Zanclian) Buliminella 1	POS AT 3
8520 / 8407	POS AT faunal change (no faunal increase)	POS AT 4
9000 / 8885	DEF AT anhydrite	DEF AT 0
9030 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 09-DEC-1983	First Sample Examined: 0
Lease Number: 00578	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10824
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 9526
API Well Number: 177094017203	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 18-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10540 / 9279	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10750 / 9465	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 11-APR-1984	First Sample Examined: 0
Lease Number: 00578	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9750
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 9029
API Well Number: 177094058400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 25-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7996 / 7580	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8550 / 8034	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13636
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 12739
API Well Number: 177094051600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 01-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7130 / 6624	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8260 / 7659	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10150 / 9363	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11200 / 10325	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
12400 / 11508	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 02-MAY-1984	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9034
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 8916
API Well Number: 177094053700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 22-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6565 / 6449	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7670 / 7553	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8650 / 8532	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 23-SEP-1983	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14106
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 12391
API Well Number: 177094053900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 30-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6515	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7990 / 7624	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9280 / 8625	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10500 / 9557	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
11500 / 10313	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 02-MAY-1984	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14407
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 13148
API Well Number: 177094054800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 21-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6850 / 6351	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8290 / 7671	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9500 / 8781	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10740 / 9900	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11500 / 10575	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 215	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10220
Well Name: D006	Paleo Done By: OPERATOR	Borehole TVD: 9734
API Well Number: 177094057000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 02-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 7398	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8348 / 8315	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8991 / 8855	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 216	Date of Summary: 07-SEP-1988	First Sample Examined: 0
Lease Number: G09587	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10439
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10437
API Well Number: 177094079700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5720 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 221	<b>Date of Summary:</b> 01-APR-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07733	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15001
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14997
<b>API Well Number:</b> 177094090900	<b>Drilling Operator:</b> NEWFIELD EXPLORATION COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 118
<b>Public Info Code:</b> Y 21-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6700	POS AT Pliocene	DEF AT 0
9940 / 9939	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 221	Date of Summary: 04-JAN-1990	First Sample Examined: 0
Lease Number: G07733	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177094080600	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 21-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3819 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 221	<b>Date of Summary:</b> 04-JAN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07733	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4175
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4050
<b>API Well Number:</b> 177094082800	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 126
<b>Public Info Code:</b> Y 21-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3947 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 221	Date of Summary: 30-JAN-1990	First Sample Examined: 1990
Lease Number: G07733	Source of Paleo: OPERATOR	Borehole MD: 4175
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4050
API Well Number: 177094082800	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1990 - 4150	Water Depth: 126
Public Info Code: Y 21-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1990 /	DEF AT first sample examined	DEF AT 1
3550 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4150 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 227	Date of Summary: 29-SEP-1981	First Sample Examined: 0
Lease Number: 00809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7090
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 7090
API Well Number: 177094044600	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 13-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4610	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5550 / 5549	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
6750 / 6747	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 227	Date of Summary: 22-OCT-1982	First Sample Examined: 4500
Lease Number: 00809	Source of Paleo: OPERATOR	Borehole MD: 11537
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 11537
API Well Number: 177094050900	Drilling Operator: TEXACO INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4050 - 11570	Water Depth: 133
Public Info Code: Y 12-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 2
4650 / 4650	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4800 / 4800	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5280 / 5280	DEF AT -----	DEF AT 1
5940 / 5940	DEF AT -----	DEF AT 2
6090 / 6090	DEF AT -----	DEF AT 1
6300 / 6299	DEF AT local marker foram increase	DEF AT 2
6690 / 6689	DEF AT -----	DEF AT 1
7260 / 7259	DEF AT -----	DEF AT 2
7530 / 7529	DEF AT local marker foram increase	DEF AT 1
8010 / 8008	DEF AT -----	DEF AT 2
8070 / 8068	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
8280 / 8278	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
8610 / 8607	DEF AT local marker foram increase	DEF AT 2
9060 / 9057	DEF AT local marker (general)	DEF AT 2
9300 / 9297	DEF AT -----	DEF AT 1
9750 / 9747	DEF AT -----	DEF AT 2
9840 / 9836	DEF AT -----	DEF AT 1
10260 / 10256	DEF AT -----	DEF AT 2
10320 / 10316	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10770 / 10765	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11130 / 11124	DEF AT local marker foram increase	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 227	Date of Summary: 22-OCT-1982	First Sample Examined: 4500
Lease Number: 00809	Source of Paleo: OPERATOR	Borehole MD: 11537
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 11537
API Well Number: 177094050900	Drilling Operator: TEXACO INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4050 - 11570	Water Depth: 133
Public Info Code: Y 12-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11370 /11364	DEF AT local marker (general)	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 232	Date of Summary: 20-NOV-1986	First Sample Examined: 15170
Lease Number: G08435	Source of Paleo: OPERATOR	Borehole MD: 15850
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14753
API Well Number: 177094073500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 15170 - 15850	Water Depth: 113
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos.

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15170 /14322	DEF AT first sample examined	DEF AT 0
15200 /14342	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
15850 /14753	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 232	Date of Summary: 19-DEC-1986	First Sample Examined: 0
Lease Number: G08435	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14753
API Well Number: 177094073500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 /10489	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11150 /11145	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
15170 /14322	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 235	Date of Summary: 05-DEC-1986	First Sample Examined: 10000
Lease Number: G08437	Source of Paleo: OPERATOR	Borehole MD: 13802
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13801
API Well Number: 177094073700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 10000 - 13780	Water Depth: 123
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10460 /	DEF AT -----	DEF AT 4
10562 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13780 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 235	Date of Summary: 06-JAN-1987	First Sample Examined: 0
Lease Number: G08437	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13802
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13801
API Well Number: 177094073700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10562 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 238	Date of Summary: 21-JAN-1997	First Sample Examined: 0
Lease Number: G00982	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13300
Well Name: H002	Paleo Done By: OPERATOR	Borehole TVD: 12005
API Well Number: 177094036900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 27-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 8337	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 238	Date of Summary: 21-AUG-1997	First Sample Examined: 0
Lease Number: G00982	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12859
Well Name: H003	Paleo Done By: OPERATOR	Borehole TVD: 12202
API Well Number: 177094038000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 27-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12080 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 238	Date of Summary: 24-JUL-1997	First Sample Examined: 0
Lease Number: G00982	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13620
Well Name: H015	Paleo Done By: OPERATOR	Borehole TVD: 12382
API Well Number: 177094050200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 22-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12906 /11719	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 240	Date of Summary: 07-JUL-1982	First Sample Examined: 6950
Lease Number: G04453	Source of Paleo: OPERATOR	Borehole MD: 15005
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15005
API Well Number: 177094044300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 6950 - 15005	Water Depth: 140
Public Info Code: Y 25-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6950 /	DEF AT first sample examined	DEF AT 0
7070 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
7071 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7400 /	DEF AT local marker foram increase	DEF AT 0
10070 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11398 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
12320 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
14000 /	DEF AT local marker foram increase	DEF AT 0
14001 /	DEF AT Arenaceous fauna (local marker)	DEF AT 0
14540 /	DEF AT local marker foram increase	DEF AT 0
14660 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
15005 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 240	Date of Summary: 24-APR-1984	First Sample Examined: 0
Lease Number: G04453	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14190
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13602
API Well Number: 177094045500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7313	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
10720 / 10373	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12340 / 11871	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 240	Date of Summary: 05-DEC-1983	First Sample Examined: 0
Lease Number: G04453	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12840
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12680
API Well Number: 177094057801	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 02-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /10045	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11440 /11283	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 240	Date of Summary: 31-MAY-1984	First Sample Examined: 0
Lease Number: G04453	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13744
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13247
API Well Number: 177094057700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 26-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12740 /12334	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 241	Date of Summary: 22-NOV-1987	First Sample Examined: 4100
Lease Number: G08438	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: 001	Paleo Done By: STRAT TECH	Borehole TVD: 14800
API Well Number: 177094076300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4100 - 14810	Water Depth: 148
Public Info Code: Y 31-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT first sample examined	DEF AT 1
4101 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 1
5150 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 1
5300 /	POS AT unconformity	DEF AT 1
5390 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 1
5540 /	DEF IN Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 1
5870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6260 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
6270 /	POS AT unconformity	DEF AT 1
6770 /	POS AT unconformity	DEF AT 1
6890 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 1
7730 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 1
8030 /	POS AT unconformity	DEF AT 1
8150 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 1
8420 /	DEF AT transported inner shelf facies	DEF AT 1
8720 /	DEF AT faunal change (no faunal increase)	DEF IN 1
9230 /	DEF AT transported inner shelf facies	DEF AT 2
9980 /	DEF AT unconformity	DEF AT 1
10040 /	POS AT transported inner shelf facies	DEF AT 3
10550 /	DEF AT unconformity	POS AT 3
10640 /	DEF AT reworked material	POS AT 3
10760 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	POS AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 241	<b>Date of Summary:</b> 22-NOV-1987	<b>First Sample Examined:</b> 4100
<b>Lease Number:</b> G08438	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> STRAT TECH	<b>Borehole TVD:</b> 14800
<b>API Well Number:</b> 177094076300	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4100 - 14810	<b>Water Depth:</b> 148
<b>Public Info Code:</b> Y 31-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11090 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11119 /	POS AT unconformity	DEF AT 3
11120 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11150 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 3
12410 /	DEF AT local marker benthic foram increase	DEF AT 3
12530 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13706 /	POS AT unconformity	DEF AT 3
13707 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
14810 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 244	<b>Date of Summary:</b> 10-JAN-1989	<b>First Sample Examined:</b> 5170
<b>Lease Number:</b> G09589	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15649
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15609
<b>API Well Number:</b> 177094079400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5170 - 15649	<b>Water Depth:</b> 144
<b>Public Info Code:</b> Y 31-MAY-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5170	DEF AT first sample examined	DEF AT 2
5260 / 5260	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6760 / 6760	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9500 / 9500	DEF AT faunal change (no faunal increase)	DEF AT 3
13050 /13049	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13650 /13649	DEF AT faunal change (no faunal increase)	DEF AT 3
15030 /15020	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
15649 /15609	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 247	Date of Summary: 12-NOV-1982	First Sample Examined: 4690
Lease Number: G01888	Source of Paleo: OPERATOR	Borehole MD: 10971
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9522
API Well Number: 177094052600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4690 - 10971	Water Depth: 161
Public Info Code: Y 04-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4690 / 4632	DEF AT first sample examined	DEF IN 1
5110 / 4968	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5290 / 5104	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6180 / 5781	POS AT -----	DEF AT 3
9430 / 8286	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9760 / 8545	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10360 / 9023	DEF AT -----	DEF AT 4
10971 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 247	<b>Date of Summary:</b> 17-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01888	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10971
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9522
<b>API Well Number:</b> 177094052600	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 161
<b>Public Info Code:</b> Y 04-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5110 / 4968	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5290 / 5104	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9430 / 8286	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9760 / 8545	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 247	Date of Summary: 10-JAN-1983	First Sample Examined: 3340
Lease Number: G01888	Source of Paleo: OPERATOR	Borehole MD: 8735
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7004
API Well Number: 177094053800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3340 - 8730	Water Depth: 160
Public Info Code: Y 04-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3340 / 3340	DEF AT first sample examined	DEF IN 1
3490 / 3490	DEF AT -----	DEF AT 2
3970 / 3969	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4000 / 3999	POS AT -----	DEF AT 3
5020 / 4857	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5530 / 5185	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7230 / 6229	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8730 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 247	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G01888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8735
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7004
API Well Number: 177094053800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 04-JUN-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3969	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5020 / 4857	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5530 / 5185	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7220 / 6224	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 247	<b>Date of Summary:</b> 08-NOV-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01888	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5650
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5497
<b>API Well Number:</b> 177094054700	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 161
<b>Public Info Code:</b> Y 04-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 4051	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5121 / 5001	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5333 / 5201	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 252	Date of Summary: 30-JAN-1997	First Sample Examined: 0
Lease Number: G00983	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12333
Well Name: G012	Paleo Done By: OPERATOR	Borehole TVD: 11514
API Well Number: 177094040900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 07-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /10361	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 252	Date of Summary: 28-APR-1997	First Sample Examined: 0
Lease Number: G00983	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12527
Well Name: I006	Paleo Done By: OPERATOR	Borehole TVD: 12345
API Well Number: 177094058000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 151
Public Info Code: Y 11-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 253	Date of Summary: 03-FEB-1984	First Sample Examined: 0
Lease Number: G05507	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11251
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10441
API Well Number: 177094061200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 20-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5835	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 253	Date of Summary: 18-MAR-1986	First Sample Examined: 0
Lease Number: G05507	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9908
API Well Number: 177094072600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 20-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4542 / 4518	POS IN Lower Pleistocene	DEF AT 0
4700 / 4667	POS AT Pliocene	DEF AT 0
9605 / 8944	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary:	First Sample Examined: 0
Lease Number: G02102	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12820
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12002
API Well Number: 177094032000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 5	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 18-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8617 / 8614	DEF AT -----	DEF AT 2
10097 / 10025	DEF AT -----	DEF AT 4
10320 / 10217	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary:	First Sample Examined: 0
Lease Number: G02102	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12820
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12002
API Well Number: 177094032000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 5	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 18-JUL-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8620 / 8617	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10180 /10098	DEF AT - - - - -	DEF AT 4
10450 /10321	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary: 06-JUL-1978	First Sample Examined: 9490
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 12820
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12002
API Well Number: 177094032000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 3 of 5	Sample Range: 9490 - 11467	Water Depth: 137
Public Info Code: Y 18-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: SEE RPTS 4 and 5 FOR S/T

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 9464	DEF AT first sample examined	DEF IN 3
10180 /10098	DEF AT - - - - -	DEF AT 4
10450 /10321	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11467 /11036	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 256	<b>Date of Summary:</b> 06-JUL-1978	<b>First Sample Examined:</b> 11420
<b>Lease Number:</b> G02102	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12820
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12002
<b>API Well Number:</b> 177094032000	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 4 of 5	<b>Sample Range:</b> 11420 - 12728	<b>Water Depth:</b> 137
<b>Public Info Code:</b> Y 18-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11420 /11005	DEF AT first sample examined	DEF AT 0
12020 /11419	DEF AT - - - - -	DEF IN 4
12260 /11591	DEF AT sample gap top	DEF AT 0
12500 /11771	DEF AT sample gap bottom	DEF AT 0
12728 /11938	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary: 06-JUL-1978	First Sample Examined: 12240
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 12820
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12002
API Well Number: 177094032000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 5 of 5	Sample Range: 12240 - 12810	Water Depth: 137
Public Info Code: Y 18-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12240 /11576	DEF AT first sample examined	DEF AT 4
12810 /11997	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary: 14-AUG-1978	First Sample Examined: 9400
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 13942
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13269
API Well Number: 177094032400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 9400 - 12820	Water Depth: 137
Public Info Code: Y 08-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9400 / 9004	DEF AT first sample examined	DEF IN 3
10750 /10299	DEF AT - - - - -	DEF AT 4
10930 /10470	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11620 /11117	DEF AT local marker (general)	DEF AT 4
12820 /12233	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary: 14-AUG-1978	First Sample Examined: 12550
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 13942
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13269
API Well Number: 177094032400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 12550 - 13930	Water Depth: 137
Public Info Code: Y 08-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12550 /11985	DEF AT first sample examined	DEF AT 4
13930 /13259	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary: 08-DEC-1989	First Sample Examined: 0
Lease Number: G02102	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13384
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12537
API Well Number: 177094034400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9250 / 8707	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10690 / 10045	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12070 / 11352	POS AT local marker (general)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 256	<b>Date of Summary:</b> 06-JAN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02102	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11275
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10683
<b>API Well Number:</b> 177094034900	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 137
<b>Public Info Code:</b> Y 24-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7270 / 6918	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7600 / 7224	DEF AT -----	DEF AT 4
7900 / 7502	DEF AT -----	DEF AT 3
9250 / 8754	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10660 / 10093	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 256	Date of Summary: 29-APR-1994	First Sample Examined: 0
Lease Number: G02102	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13009
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10961
API Well Number: 177094035100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 28-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 / 6314	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8202 / 7051	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9850 / 8423	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
11980 / 10135	DEF AT -----	DEF AT 4
12010 / 10160	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 260	Date of Summary:	First Sample Examined: 0
Lease Number: G01891	Source of Paleo: OPERATOR	Borehole MD: 11569
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 11124
API Well Number: 177094003400	Drilling Operator: TEXACO INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 31-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: BMC conversions

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 / 3780	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7325 / 7265	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 19-JAN-1978	First Sample Examined: 10490
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 16966
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11469
API Well Number: 177094030600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 4	Sample Range: 10490 - 15710	Water Depth: 166
Public Info Code: Y 15-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 / 7606	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
12410 / 8714	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
13550 / 9398	DEF AT -----	DEF AT 4
15710 / 10740	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 19-JAN-1978	First Sample Examined: 15580
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 16966
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11469
API Well Number: 177094030600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 2 of 4	Sample Range: 15580 - 15920	Water Depth: 166
Public Info Code: Y 15-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15580 /10667	DEF AT first sample examined	DEF AT 4
15920 /10864	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 19-JAN-1978	First Sample Examined: 15610
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 16966
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11469
API Well Number: 177094030600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 3 of 4	Sample Range: 15610 - 16960	Water Depth: 166
Public Info Code: Y 15-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15610 /10684	DEF AT first sample examined	DEF AT 4
16960 /11466	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 19-MAY-1989	First Sample Examined: 0
Lease Number: G02900	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16966
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 11469
API Well Number: 177094030600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 15-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 / 7606	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12410 / 8714	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13550 / 9398	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary:	First Sample Examined: 0
Lease Number: G02900	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12744
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 11900
API Well Number: 177094031100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 06-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9165	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10060 / 9225	DEF AT -----	DEF AT 4
10540 / 9700	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10580 / 9739	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 261	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02900	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12405
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11598
<b>API Well Number:</b> 177094032200	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 19-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9310 / 8547	DEF AT -----	DEF AT 4
9700 / 8914	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11240 /10435	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11930 /11124	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary:	First Sample Examined: 0
Lease Number: G02900	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15010
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 13988
API Well Number: 177094033100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 12-AUG-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10780 /10064	DEF AT -----	DEF AT 4
12860 /11983	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14970 /13951	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 14-JUL-1978	First Sample Examined: 10000
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 15010
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13988
API Well Number: 177094033100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 10000 - 15010	Water Depth: 166
Public Info Code: Y 12-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9339	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10780 /10064	DEF AT -----	DEF AT 4
12860 /11983	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14970 /13951	DEF AT -----	DEF AT 5
15010 /13989	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary:	First Sample Examined: 0
Lease Number: G02900	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12115
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 11748
API Well Number: 177094033400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 15-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9160	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9820 / 9462	DEF AT -----	DEF AT 4
10005 / 9643	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11430 / 11064	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11670 / 11304	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 261	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02900	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13786
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10987
<b>API Well Number:</b> 177094028102	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 02-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 7803	DEF AT first sample examined	DEF IN 4
10210 / 7975	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12790 / 10116	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 18-DEC-1981	First Sample Examined: 9720
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 13786
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10987
API Well Number: 177094028102	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 3	Sample Range: 9270 - 13420	Water Depth: 166
Public Info Code: Y 02-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9720 / 7576	DEF AT first sample examined	DEF IN 3
10230 / 7992	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11100 / 8703	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
13420 / 10652	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 261	<b>Date of Summary:</b> 17-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02900	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13786
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10987
<b>API Well Number:</b> 177094028102	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 02-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9270 / 7260	DEF AT first sample examined	DEF AT 3
10230 / 7992	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11100 / 8703	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 261	<b>Date of Summary:</b> 02-FEB-1982	<b>First Sample Examined:</b> 8980
<b>Lease Number:</b> G02900	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11443
<b>Well Name:</b> A016	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10963
<b>API Well Number:</b> 177094048200	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8980 - 11440	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 21-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8503	DEF AT first sample examined	DEF IN 2
9100 / 8622	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9220 / 8742	DEF AT sample gap top	DEF AT 0
9520 / 9041	DEF AT sample gap bottom	DEF AT 0
11440 / 10960	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 261	Date of Summary: 20-APR-1982	First Sample Examined: 0
Lease Number: G02900	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11443
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 10963
API Well Number: 177094048200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 21-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8503	DEF AT first sample examined	DEF AT 3
9100 / 8622	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 270	Date of Summary:	First Sample Examined: 2170
Lease Number: G05509	Source of Paleo: OPERATOR	Borehole MD: 11017
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11017
API Well Number: 177104109700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2170 - 11017	Water Depth: 190
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2170 /	DEF AT first sample examined	DEF AT 1
3200 /	DEF AT -----	DEF AT 2
3280 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3500 /	DEF AT -----	DEF AT 1
4500 /	DEF AT -----	DEF AT 2
5000 /	DEF AT -----	DEF AT 1
5650 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6100 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6300 /	DEF AT -----	DEF AT 2
8200 /	DEF AT -----	DEF AT 4
8860 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11017 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 17-JAN-1991	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10660
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 8320
API Well Number: 177104083600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 6216	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8130 / 6511	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9100 / 7210	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
9660 / 7616	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 15-AUG-1996	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10680
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 9506
API Well Number: 177104085600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 12-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6240	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7900 / 7044	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
8600 / 7664	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8940 / 7960	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 17-MAR-1982	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9550
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 7806
API Well Number: 177104093400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 25-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7460 / 6108	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8695 / 7108	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
9069 / 7408	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 12-JUL-1983	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9762
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 8603
API Well Number: 177104094000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 18-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 4969	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7100 / 5943	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
7400 / 6242	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 273	<b>Date of Summary:</b> 09-OCT-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G00987	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9762
<b>Well Name:</b> B013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8603
<b>API Well Number:</b> 177104094000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 184
<b>Public Info Code:</b> Y 18-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7259 / 6101	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8260 / 7101	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
8560 / 7401	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9043 / 7884	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 19-JUN-1998	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9755
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 8997
API Well Number: 177104089000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 08-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6868 / 6320	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8082 / 7429	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
8854 / 8130	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9295 / 8526	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 27-JAN-1998	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10363
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 9798
API Well Number: 177104097500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 13-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6904 / 6562	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7907 / 7462	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
8683 / 8172	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 04-JAN-1983	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12306
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 177104098900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 13-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7884 / 6546	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8867 / 7310	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
9745 / 7984	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10177 / 8319	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 273	<b>Date of Summary:</b> 08-NOV-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G00987	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12594
<b>Well Name:</b> C004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8336
<b>API Well Number:</b> 177104100101	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 07-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8008 / 5903	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9408 / 6694	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
10341 / 7157	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 273 <b>Lease Number:</b> G00987 <b>Well Name:</b> C005 <b>API Well Number:</b> 177104101400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 08-JAN-1993	<b>Date of Summary:</b> 16-DEC-1982 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11373 <b>Borehole TVD:</b> 9786 <b>Rkb Elevation:</b> 104 <b>Water Depth:</b> 180 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8455 / 7151	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9310 / 7855	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11616 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
11816 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 273	Date of Summary: 09-JUN-1983	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12594
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 11016
API Well Number: 177104102300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 01-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9140 / 8143	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9520 / 8466	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 19-JUN-1991	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9920
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 9327
API Well Number: 177100004501	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 19-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5129	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6340 / 5809	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6663 / 6106	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8118 / 7530	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9115 / 8525	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 30-AUG-1993	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9404
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 8491
API Well Number: 177104101500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 10-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7944 / 7066	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 30-JUN-1994	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9531
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 7606
API Well Number: 177104102100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 12-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5890 / 4825	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6195 / 5052	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7215 / 5832	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
8060 / 6452	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 04-JAN-1995	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9531
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 7606
API Well Number: 177104102100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 12-FEB-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5890 / 4825	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6645 / 5400	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7136 / 5772	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7215 / 5832	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
7282 / 5882	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 09-FEB-1983	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: E006	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 177104102600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 10-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 7307	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9333
Well Name: E006	Paleo Done By: OPERATOR	Borehole TVD: 7896
API Well Number: 177104102601	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 04-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5666 / 5228	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7486 / 6503	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8545 / 7239	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 276	Date of Summary: 04-MAY-1983	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 7622
API Well Number: 177104099600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 09-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6685 / 5643	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7040 / 5979	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8290 / 7176	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 287	Date of Summary: 22-DEC-1982	First Sample Examined: 6533
Lease Number: G00994	Source of Paleo: OPERATOR	Borehole MD: 9183
Well Name: D012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7503
API Well Number: 177104101600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 6533 - 9183	Water Depth: 200
Public Info Code: Y 01-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6533 / 5569	DEF AT first sample examined	DEF IN 3
6863 / 5803	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7944 / 6568	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9183 / 7503	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 287	Date of Summary: 15-AUG-1990	First Sample Examined: 0
Lease Number: G06721	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10170
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10170
API Well Number: 177104110200	Drilling Operator: FLASH GAS & OIL SOUTHWEST	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 193
Public Info Code: Y 09-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6250 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 288	Date of Summary: 18-DEC-1992	First Sample Examined: 3500
Lease Number: G11963	Source of Paleo: OPERATOR	Borehole MD: 9210
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8006
API Well Number: 177104135100	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 3500 - 9200	Water Depth: 197
Public Info Code: Y 22-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3366	DEF AT cement	DEF AT 3
4010 / 3769	DEF AT -----	DEF AT 2
4880 / 4460	DEF AT local marker foram increase	DEF AT 3
5300 / 4798	DEF AT -----	DEF AT 2
6290 / 5595	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6410 / 5690	DEF AT -----	DEF AT 2
6800 / 6006	DEF AT -----	DEF AT 3
7850 / 6866	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9200 / 7988	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 288	Date of Summary: 28-DEC-1992	First Sample Examined: 0
Lease Number: G11963	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9210
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8006
API Well Number: 177104135100	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 197
Public Info Code: Y 22-JUN-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 5595	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7850 / 6866	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 290	Date of Summary: 22-JUN-1988	First Sample Examined: 0
Lease Number: G05513	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177104125700	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 18-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9430 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13750 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 291	Date of Summary: 24-DEC-1987	First Sample Examined: 0
Lease Number: G08694	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9465
API Well Number: 177104122800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 31-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 / 6090	POS AT Pliocene	DEF AT 0
8280 / 8134	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 292	Date of Summary:	First Sample Examined: 0
Lease Number: G00994	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8937
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 8522
API Well Number: 177104065300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 09-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
289 / 289	POS AT Holocene recent fauna	DEF AT 0
1999 / 1996	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 294	Date of Summary:	First Sample Examined: 0
Lease Number: G03569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5811
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5475
API Well Number: 177104076100	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 207
Public Info Code: Y 16-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2430 / 2393	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3455 / 3330	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
4800 / 4556	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 294	Date of Summary: 22-SEP-1981	First Sample Examined: 0
Lease Number: G03569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4441
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4313
API Well Number: 177104089600	Drilling Operator: TEXACO INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 03-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3427 / 3368	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
3428 / 3369	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 294	Date of Summary: 22-SEP-1981	First Sample Examined: 0
Lease Number: G03569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5101
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4309
API Well Number: 177104091900	Drilling Operator: TEXACO INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 28-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 / 3375	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
3731 / 3376	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 294	Date of Summary: 22-SEP-1981	First Sample Examined: 0
Lease Number: G03569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5630
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 4311
API Well Number: 177104092600	Drilling Operator: TEXACO INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 14-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 3366	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
4011 / 3367	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 296	Date of Summary: 24-APR-1979	First Sample Examined: 6600
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 12125
Well Name: B021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11173
API Well Number: 177104076600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 6600 - 12125	Water Depth: 217
Public Info Code: Y 02-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6132	DEF AT first sample examined	DEF IN 3
7020 / 6516	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11180 /10274	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12125 /11174	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 296	Date of Summary: 19-JUN-1979	First Sample Examined: 6230
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11324
Well Name: B022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11044
API Well Number: 177104078800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 6230 - 11330	Water Depth: 214
Public Info Code: Y 16-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6230 / 6230	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10910 / 10657	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11330 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 296	Date of Summary: 20-NOV-1979	First Sample Examined: 6200
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11064
Well Name: B023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11014
API Well Number: 177104083300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6200 - 11070	Water Depth: 214
Public Info Code: Y 17-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6200	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10800 / 10766	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11070 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 297	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G04225	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7800
API Well Number: 177104087400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 208
Public Info Code: Y 12-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5760 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 303	Date of Summary: 25-OCT-1989	First Sample Examined: 1050
Lease Number: G09596	Source of Paleo: OPERATOR	Borehole MD: 9490
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 177104129500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 1050 - 9102	Water Depth: 226
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF IN 2
1470 / 1470	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2490 / 2490	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7080 / 6238	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9102 / 7692	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 303	Date of Summary: 26-OCT-1989	First Sample Examined: 1050
Lease Number: G09596	Source of Paleo: OPERATOR	Borehole MD: 9490
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 177104129500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 1050 - 9102	Water Depth: 226
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
1050 / 1050	DEF AT first sample examined	DEF AT 0
1770 / 1770	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4110 / 3994	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
7140 / 6279	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7410 / 6467	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9102 / 7692	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 03-AUG-1978	First Sample Examined: 2630
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 8666
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8666
API Well Number: 177104073800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2630 - 8650	Water Depth: 220
Public Info Code: Y 06-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2630 /	DEF AT first sample examined	DEF AT 1
4600 /	DEF AT local marker (general)	DEF AT 1
5000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8650 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 11-JUN-1980	First Sample Examined: 3005
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 10625
Well Name: H001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9870
API Well Number: 177104086500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 3005 - 9570	Water Depth: 218
Public Info Code: Y 02-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3005 / 3005	DEF AT first sample examined	DEF IN 2
3432 / 3431	DEF AT - - - - -	DEF AT 3
3523 / 3521	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4352 / 4314	DEF AT sample gap top	DEF AT 0
4507 / 4456	DEF AT sample gap bottom	DEF AT 0
6240 / 5993	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7710 / 7296	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9330 / 8747	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9570 / 8962	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 23-DEC-1997	First Sample Examined: 0
Lease Number: G00997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10625
Well Name: H001	Paleo Done By: OPERATOR	Borehole TVD: 9870
API Well Number: 177104086500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 02-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	POS AT Holocene recent fauna	DEF AT 0
2000 / 2000	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G00997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9206
Well Name: H002	Paleo Done By: OPERATOR	Borehole TVD: 8676
API Well Number: 177104086600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	POS AT Holocene recent fauna	DEF AT 0
2000 / 2000	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 28-OCT-1980	First Sample Examined: 3594
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 9264
Well Name: H003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8645
API Well Number: 177104089800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 3594 - 9229	Water Depth: 215
Public Info Code: Y 09-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3594 / 3517	DEF AT first sample examined	DEF IN 2
3774 / 3673	DEF AT -----	DEF AT 3
3804 / 3700	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6234 / 5870	DEF AT sample gap top	DEF AT 0
6263 / 5896	DEF AT sample gap bottom	DEF AT 0
6264 / 5897	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7584 / 7102	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8004 / 7487	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8574 / 8012	DEF AT -----	DEF AT 4
9229 / 8613	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 309	<b>Date of Summary:</b> 03-DEC-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G00997	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9264
<b>Well Name:</b> H003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8645
<b>API Well Number:</b> 177104089800	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 09-NOV-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	POS AT Holocene recent fauna	DEF AT 0
2000 / 2000	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G00997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8992
Well Name: H004	Paleo Done By: OPERATOR	Borehole TVD: 7422
API Well Number: 177104090400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 31-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	POS AT Holocene recent fauna	DEF AT 0
2000 / 1973	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 26-JAN-1981	First Sample Examined: 4000
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 7817
Well Name: H005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7460
API Well Number: 177104091401	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 4000 - 8020	Water Depth: 218
Public Info Code: Y 22-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5110 / 5043	DEF AT sample gap top	DEF AT 0
5139 / 5069	DEF AT sample gap bottom	DEF AT 0
5140 / 5070	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7270 / 6961	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8020 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G00997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7817
Well Name: H005	Paleo Done By: OPERATOR	Borehole TVD: 7460
API Well Number: 177104091401	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 22-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	POS AT Holocene recent fauna	DEF AT 0
2000 / 2000	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 07-MAY-1981	First Sample Examined: 3670
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 8952
Well Name: H007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8215
API Well Number: 177104093600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 3670 - 8950	Water Depth: 215
Public Info Code: Y 30-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3502	DEF AT cement	DEF AT 0
3850 / 3661	DEF AT - - - - -	DEF IN 3
3970 / 3767	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5620 / 5234	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6130 / 5682	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8320 / 7649	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8950 / 8218	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 309	Date of Summary: 29-SEP-1981	First Sample Examined: 0
Lease Number: G00997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7700
Well Name: H010	Paleo Done By: OPERATOR	Borehole TVD: 6422
API Well Number: 177104094800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 21-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
220 / 220	POS AT Holocene recent fauna	DEF AT 0
2000 / 1943	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10457
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8299
API Well Number: 177104077400	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 231
Public Info Code: Y 09-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 5652	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
9452 / 7563	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10082 / 8024	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3670
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 3644
API Well Number: 177104059600	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 18-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2720 / 2702	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary: 10-JUL-2000	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8792
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 8506
API Well Number: 177104067400	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 25-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 3962	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
6120 / 5836	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
8105 / 7820	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5853
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 5380
API Well Number: 177104069000	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 08-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2842 / 2722	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary: 24-JAN-1978	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7970
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 7127
API Well Number: 177104069700	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 5800	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisces (acme "B")	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary: 20-OCT-1978	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9305
Well Name: B014	Paleo Done By: OPERATOR	Borehole TVD: 9111
API Well Number: 177104072800	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 25-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2730 / 2729	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6100 / 5957	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
8100 / 7911	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9887
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 9029
API Well Number: 177104074800	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 10-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4665 / 4334	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
7020 / 6223	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
8815 / 7964	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary: 27-FEB-1997	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9887
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 9029
API Well Number: 177104074800	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 10-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 7009	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0
8817 / 7966	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EI 313 <b>Lease Number:</b> G02608 <b>Well Name:</b> B016 <b>API Well Number:</b> 177104074900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 22-NOV-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TEXACO INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9167 <b>Borehole TVD:</b> 8760 <b>Rkb Elevation:</b> 106 <b>Water Depth:</b> 235 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4285	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
6228 / 6043	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
8050 / 7766	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11412
Well Name: B018	Paleo Done By: OPERATOR	Borehole TVD: 8618
API Well Number: 177104075000	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 17-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9760 / 7491	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10770 / 8154	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8975
Well Name: B019	Paleo Done By: OPERATOR	Borehole TVD: 8605
API Well Number: 177104071501	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 23-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 5951	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
8000 / 7747	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 313	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02608	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8571
<b>Well Name:</b> B020	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8157
<b>API Well Number:</b> 177104076300	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 235
<b>Public Info Code:</b> Y 26-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 5895	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 0
8080 / 7708	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 313	Date of Summary:	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8790
Well Name: B021	Paleo Done By: OPERATOR	Borehole TVD: 8501
API Well Number: 177104075101	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 16-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6310 / 6038	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
8480 / 8199	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 19-AUG-1982	First Sample Examined: 3000
Lease Number: G01982	Source of Paleo: OPERATOR	Borehole MD: 7810
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7810
API Well Number: 177104097600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 3000 - 7820	Water Depth: 232
Public Info Code: Y 01-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF IN 1
3150 /	DEF AT -----	DEF AT 2
3480 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3630 /	DEF AT -----	DEF AT 3
4520 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5900 /	DEF AT sample gap top	DEF AT 0
6380 /	DEF AT sample gap bottom	DEF AT 0
6770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7820 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 12-JUL-1983	First Sample Examined: 0
Lease Number: G01982	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7810
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7810
API Well Number: 177104097600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 01-JUL-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 /	POS AT Holocene recent fauna	DEF AT 0
2000 /	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EI 315 <b>Lease Number:</b> G02112 <b>Well Name:</b> 003 <b>API Well Number:</b> 177104085700 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 11-APR-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6775 <b>Borehole TVD:</b> 5742 <b>Rkb Elevation:</b> 82 <b>Water Depth:</b> 230 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 5614	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 315	<b>Date of Summary:</b> 08-APR-1980	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G02112	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6775
<b>Well Name:</b> 003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5742
<b>API Well Number:</b> 177104085700	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1000 - 6740	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 11-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1340 / 1339	DEF AT -----	DEF AT 3
3180 / 2905	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5340 / 4581	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5445 / 4664	DEF AT -----	DEF AT 3
6620 / 5614	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6740 / 5713	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 23-JUL-1980	First Sample Examined: 1265
Lease Number: G02112	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7145
API Well Number: 177104088100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1265 - 7510	Water Depth: 235
Public Info Code: Y 13-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1265 / 1265	DEF AT first sample examined	DEF AT 3
2416 / 2416	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3610 / 3603	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4960 / 4848	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5200 / 5066	DEF AT -----	DEF AT 3
6190 / 5967	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6330 / 6094	DEF AT cement	DEF AT 0
6670 / 6400	DEF AT -----	DEF AT 3
7510 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 30-SEP-1988	First Sample Examined: 0
Lease Number: G02112	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8820
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7273
API Well Number: 177104099000	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 11-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 / 6267	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 315	<b>Date of Summary:</b> 11-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02112	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9250
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6445
<b>API Well Number:</b> 177104099500	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 20-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 3420	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6390 / 4657	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7890 / 5679	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 23-NOV-1983	First Sample Examined: 0
Lease Number: G02112	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7212
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6308
API Well Number: 177104099800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 31-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2640 / 2321	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4140 / 3639	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5460 / 4782	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7170 / 6272	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: G02112	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7200
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6753
API Well Number: 177104101700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 28-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3620 / 3582	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6080 / 5784	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6560 / 6204	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
6561 / 6205	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 30-DEC-1983	First Sample Examined: 0
Lease Number: G02112	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7490
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5890
API Well Number: 177104103000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 30-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2760 / 2273	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5790 / 4437	POS AT local marker benthic foram increase	DEF AT 0
5880 / 4515	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 315	<b>Date of Summary:</b> 17-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02112	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9645
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8015
<b>API Well Number:</b> 177104104000	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 03-AUG-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2326	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4620 / 3642	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
6060 / 4641	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6150 / 4709	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6930 / 5382	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8310 / 6706	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
8460 / 6851	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9030 / 7407	DEF AT local marker (general)	DEF AT 0
9090 / 7466	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9180 / 7555	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 0
9450 / 7822	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 04-OCT-1982	First Sample Examined: 4500
Lease Number: G02912	Source of Paleo: OPERATOR	Borehole MD: 9540
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7914
API Well Number: 177104099100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 111
Paleo Report Num: 1 of 3	Sample Range: 4500 - 9526	Water Depth: 240
Public Info Code: Y 17-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4149	DEF AT first sample examined	DEF AT 3
4830 / 4420	DEF AT -----	DEF AT 2
5190 / 4701	DEF AT -----	DEF AT 3
5340 / 4815	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5530 / 4961	DEF AT -----	DEF AT 4
5620 / 5031	DEF AT local marker foram increase	DEF AT 4
5621 / 5032	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5840 / 5202	DEF AT -----	DEF AT 3
6740 / 5900	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6813 / 5956	DEF AT poor sample interval top	DEF AT 0
8129 / 6902	DEF AT poor sample interval bottom	DEF AT 0
8130 / 6903	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8510 / 7171	DEF AT poor sample interval top	DEF AT 4
8780 / 7362	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9525 / 7903	DEF AT poor sample interval bottom	DEF AT 4
9526 / 7904	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G02912	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9540
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7914
API Well Number: 177104099100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 111
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 17-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 6903	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8780 / 7362	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 315	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G02912	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9540
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7914
API Well Number: 177104099100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 111
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 17-OCT-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 6590	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8700 / 7305	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
8760 / 7348	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 315	<b>Date of Summary:</b> 18-JAN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02912	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8453
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7845
<b>API Well Number:</b> 177104103500	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 28-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 / 2325	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4730 / 4701	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5780 / 5551	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6200 / 5893	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7010 / 6574	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
7011 / 6574	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 0
8000 / 7441	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8060 / 7495	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 315	<b>Date of Summary:</b> 31-MAY-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02912	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10141
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7982
<b>API Well Number:</b> 177104103800	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 29-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2360 / 2336	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3980 / 3592	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5760 / 4892	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5880 / 4984	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7200 / 5945	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7890 / 6420	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9270 / 7377	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
9271 / 7378	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 316	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: G05040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10338
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8908
API Well Number: 177104102800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 09-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2580 / 2579	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6870 / 6228	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8430 / 7437	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9870 / 8548	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 316	Date of Summary: 31-JUL-1985	First Sample Examined: 0
Lease Number: G05040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9230
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8017
API Well Number: 177104100700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 239
Public Info Code: Y 31-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3940 / 3707	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5730 / 5069	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6660 / 5841	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7260 / 6337	DEF AT -----	DEF AT 4
7650 / 6661	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9180 / 7974	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9230 / 8018	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9184
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7322
API Well Number: 177104082800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 10-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6371 / 5167	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
7132 / 5732	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6654
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6402
API Well Number: 177104069800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 11-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2680 / 2661	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
6102 / 5884	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9186
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5511
API Well Number: 177104077900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 08-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7336 / 4702	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9925
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5964
API Well Number: 177104077300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 19-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4269 / 3639	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
6812 / 4678	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10250
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6739
API Well Number: 177104079500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 08-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4208 / 3269	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
9764 / 6606	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02606	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7867
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6733
API Well Number: 177104074200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 09-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2745 / 2637	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
6640 / 5756	POS IN Lower Pleistocene	DEF AT 0
7030 / 6066	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02606	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8148
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6595
API Well Number: 177104076900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 02-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2710 / 2661	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
7326 / 5997	POS IN Lower Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02606	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7248
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6448
API Well Number: 177104075600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 24-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2491 / 2477	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
6561 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 322	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02606	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8962
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6705
API Well Number: 177104078200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 17-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2997 / 2639	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
8113 / 5938	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 327	Date of Summary: 23-JAN-1978	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 8400
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7008
API Well Number: 177104070300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 4	Sample Range: 5000 - 8330	Water Depth: 262
Public Info Code: Y 18-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4502	DEF AT first sample examined	DEF IN 2
5630 / 4963	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5750 / 5051	DEF AT -----	DEF AT 3
8330 / 6951	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 327	<b>Date of Summary:</b> 23-JAN-1978	<b>First Sample Examined:</b> 4990
<b>Lease Number:</b> G02910	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8400
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7008
<b>API Well Number:</b> 177104070300	<b>Drilling Operator:</b> OXY PETROLEUM INC	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 4990 - 8380	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 18-FEB-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4495	DEF AT first sample examined	DEF AT 3
7900 / 6622	DEF AT - - - - -	DEF AT 4
8380 / 6992	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 327	Date of Summary: 17-FEB-1978	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 8400
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7008
API Well Number: 177104070300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 3 of 4	Sample Range: 5000 - 8330	Water Depth: 262
Public Info Code: Y 18-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4502	DEF AT first sample examined	DEF AT 2
7160 / 6088	DEF AT local marker (general)	DEF AT 3
7610 / 6413	DEF AT -----	DEF AT 2
8330 / 6951	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 327	<b>Date of Summary:</b> 17-FEB-1978	<b>First Sample Examined:</b> 4990
<b>Lease Number:</b> G02910	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8400
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7008
<b>API Well Number:</b> 177104070300	<b>Drilling Operator:</b> OXY PETROLEUM INC	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 4990 - 8350	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 18-FEB-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4495	DEF AT first sample examined	DEF AT 2
6850 / 5864	DEF AT local marker (general)	DEF AT 3
7060 / 6016	DEF AT -----	DEF AT 2
7840 / 6579	DEF AT -----	DEF AT 3
7900 / 6622	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8350 / 6968	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 327	Date of Summary: 06-JUL-1978	First Sample Examined: 7100
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 9695
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7190
API Well Number: 177104072100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 7100 - 9650	Water Depth: 262
Public Info Code: Y 06-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 4992	DEF AT first sample examined	DEF AT 3
9500 / 7000	DEF AT local marker (general)	DEF AT 3
9590 / 7088	DEF AT sample gap top	DEF AT 0
9649 / 7145	DEF AT sample gap bottom	DEF AT 0
9650 / 7146	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 327	Date of Summary: 12-APR-1978	First Sample Examined: 7000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 12062
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9964
API Well Number: 177104070800	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 7000 - 12040	Water Depth: 262
Public Info Code: Y 30-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 4976	DEF AT first sample examined	DEF AT 3
8680 / 6602	DEF AT local marker (general)	DEF AT 3
10240 / 8161	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
12040 / 9944	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 327	Date of Summary: 12-JUL-1978	First Sample Examined: 6330
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 7826
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6490
API Well Number: 177104072200	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 6330 - 7800	Water Depth: 262
Public Info Code: Y 27-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6330 / 5031	DEF AT first sample examined	DEF AT 3
7620 / 6284	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7800 / 6464	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 327	Date of Summary: 12-JUL-1978	First Sample Examined: 5700
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 7590
Well Name: A013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6498
API Well Number: 177104072201	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 5700 - 7560	Water Depth: 262
Public Info Code: Y 07-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 4663	DEF AT first sample examined	DEF AT 3
7560 / 6474	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 328	Date of Summary: 10-AUG-1992	First Sample Examined: 0
Lease Number: G07739	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8679
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8679
API Well Number: 177104133900	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4860 / 4860	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0
5580 / 5579	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8220 / 8219	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 329	Date of Summary: 22-FEB-1980	First Sample Examined: 4830
Lease Number: G02912	Source of Paleo: OPERATOR	Borehole MD: 8345
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8065
API Well Number: 177104084300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4830 - 8300	Water Depth: 230
Public Info Code: Y 01-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4830 / 4550	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
6170 / 5890	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6920 / 6640	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7160 / 6880	DEF AT -----	DEF AT 1
7580 / 7300	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8270 / 7990	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 2
8300 / 8020	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 330	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G02115	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8687
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 8687
API Well Number: 177104098300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 248
Public Info Code: Y 18-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6360 / 6360	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6690 / 6690	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7171 / 7171	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 334	Date of Summary: 27-MAR-1985	First Sample Examined: 4480
Lease Number: G05519	Source of Paleo: OPERATOR	Borehole MD: 9400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9012
API Well Number: 177104112100	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4480 - 9400	Water Depth: 252
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4480 / 4480	DEF AT first sample examined	DEF IN 3
4481 / 4481	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5680 / 5672	DEF AT faunal change (no faunal increase)	DEF AT 4
6820 / 6731	DEF AT faunal change (no faunal increase)	DEF AT 5
8250 / 8034	DEF AT sample gap top	POS AT 5
8530 / 8271	DEF AT sample gap bottom	DEF AT 5
9010 / 8679	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9400 / 9012	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 334	Date of Summary: 06-AUG-1986	First Sample Examined: 0
Lease Number: G05519	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15293
API Well Number: 177104119700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 248
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1650 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2910 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6300 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6360 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8010 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9510 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12390 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
14130 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
14400 /	DEF AT faunal change (no faunal increase)	DEF AT 5
14580 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 334	Date of Summary: 08-OCT-1987	First Sample Examined: 0
Lease Number: G05519	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 177104122500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 253
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5305 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 335	Date of Summary:	First Sample Examined: 1030
Lease Number: G06723	Source of Paleo: OPERATOR	Borehole MD: 8131
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7364
API Well Number: 177104120400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 1030 - 8110	Water Depth: 273
Public Info Code: Y 06-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF AT 1
1400 / 1400	DEF AT -----	DEF AT 2
2050 / 2050	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3300 / 3299	DEF AT -----	DEF AT 3
4120 / 4118	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4700 / 4692	DEF AT -----	DEF AT 2
6100 / 5845	DEF AT -----	DEF AT 4
6520 / 6180	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6600 / 6244	DEF AT -----	DEF AT 3
8110 / 7421	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 11-JUL-1995	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9535
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177104100300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 02-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 3928	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6960 / 6726	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8010 / 7776	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8970 / 8735	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9210 / 8975	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9510 / 9275	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 04-JAN-1983	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9570
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9204
API Well Number: 177104101100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 18-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3890 / 3881	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8270 / 8180	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9445 / 9132	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 04-JAN-1983	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14455
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11909
API Well Number: 177104101101	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 01-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8230 / 7726	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9570 / 8664	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 06-NOV-1984	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14455
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11909
API Well Number: 177104101101	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 01-SEP-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3950	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4550 / 4546	DEF AT -----	DEF AT 4
7130 / 6910	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
11990 /10386	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
13220 /11126	DEF AT -----	DEF AT 5
13640 /11381	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14224
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12191
API Well Number: 177104101800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 22-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3920 / 3917	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7640 / 7336	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
10620 / 9602	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
13440 / 11703	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9505
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177104102200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 02-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3917	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7170 / 6968	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8070 / 7867	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8640 / 8436	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 26-OCT-1983	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9905
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177104104300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 04-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4190 / 3858	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9140 / 8736	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9590 / 9185	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 337	Date of Summary: 06-NOV-1984	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10987
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9600
API Well Number: 177104104600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 05-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9050 / 8015	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary: 10-AUG-1994	First Sample Examined: 5030
Lease Number: G02914	Source of Paleo: OPERATOR	Borehole MD: 9844
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8603
API Well Number: 177104079600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 5030 - 10695	Water Depth: 272
Public Info Code: Y 17-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5150 / 4887	DEF IN local marker nannofossil (see remarks)	DEF AT 0
5390 / 5088	DEF IN local marker nannofossil (see remarks)	DEF AT 0
6050 / 5631	DEF IN local marker nannofossil (see remarks)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary: 10-AUG-1994	First Sample Examined: 7840
Lease Number: G02914	Source of Paleo: OPERATOR	Borehole MD: 10231
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 8673
API Well Number: 177104082700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 7840 - 9820	Water Depth: 272
Public Info Code: Y 14-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7840 / 6743	DEF AT first sample examined	POS AT 2
7930 / 6813	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 2
7931 / 6814	POS IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 2
7990 / 6859	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
8860 / 7519	DEF AT faunal change (no faunal increase)	DEF AT 4
9010 / 7633	DEF AT faunal change (no faunal increase)	DEF AT 2
9100 / 7702	DEF AT faunal change (no faunal increase)	DEF AT 1
9820 / 8289	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary: 06-NOV-1980	First Sample Examined: 0
Lease Number: G02914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11050
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6619
API Well Number: 177104087900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 03-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11050 / 6620	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary:	First Sample Examined: 0
Lease Number: G02914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9225
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177104088300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 28-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9225 / 9000	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary: 06-AUG-1997	First Sample Examined: 0
Lease Number: G02914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10705
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 8480
API Well Number: 177104090100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 09-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10705 / 8481	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G02914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9965
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 8995
API Well Number: 177104091500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 13-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9965 / 8991	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 341	Date of Summary: 02-AUG-1995	First Sample Examined: 0
Lease Number: G02914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8199
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8199
API Well Number: 177104092400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 18-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 342	Date of Summary:	First Sample Examined: 0
Lease Number: G02319	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9435
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9435
API Well Number: 177104076700	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 273
Public Info Code: Y 07-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2940 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4850 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
8930 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 342	Date of Summary:	First Sample Examined: 0
Lease Number: G02319	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8870
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8324
API Well Number: 177104076701	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 273
Public Info Code: Y 27-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2940 / 2940	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4850 / 4850	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2900
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 2900
API Well Number: 177104072400	Drilling Operator: TEXACO INC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 05-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2640 / 2640	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3176
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 2891
API Well Number: 177104072500	Drilling Operator: TEXACO INC	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 26-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4649
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 4065
API Well Number: 177104074300	Drilling Operator: TEXACO INC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 06-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2940 / 2684	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3291
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 2901
API Well Number: 177104074400	Drilling Operator: TEXACO INC	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 11-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 / 2670	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3141
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 2902
API Well Number: 177104075500	Drilling Operator: TEXACO INC	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 02-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 / 2654	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3213
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 2908
API Well Number: 177104075700	Drilling Operator: TEXACO INC	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 19-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2668	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5258
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 4006
API Well Number: 177104076200	Drilling Operator: TEXACO INC	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 11-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2254	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EI 343 <b>Lease Number:</b> G02320 <b>Well Name:</b> B008 <b>API Well Number:</b> 177104077000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-JAN-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TEXACO INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 5740 <b>Borehole TVD:</b> 3993 <b>Rkb Elevation:</b> 56 <b>Water Depth:</b> 285 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 / 2652	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5672
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 5599
API Well Number: 177104077700	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 287
Public Info Code: Y 17-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2729	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3033
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 2899
API Well Number: 177104078100	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2684	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 343	Date of Summary:	First Sample Examined: 0
Lease Number: G02320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2997
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 2899
API Well Number: 177104078600	Drilling Operator: TEXACO INC	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 287
Public Info Code: Y 02-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 / 2665	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 344	Date of Summary: 22-APR-1992	First Sample Examined: 6000
Lease Number: G11966	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12000
API Well Number: 177104134300	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 6000 - 12000	Water Depth: 305
Public Info Code: Y 21-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT 3
6001 / 6001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7020 / 7019	DEF AT faunal change (no faunal increase)	DEF AT 4
7110 / 7109	DEF AT faunal change (no faunal increase)	DEF AT 5
7200 / 7199	DEF AT faunal change (no faunal increase)	DEF AT 4
8220 / 8219	DEF AT faunal change (no faunal increase)	DEF AT 3
12000 / 11998	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 344	<b>Date of Summary:</b> 22-APR-1992	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G11966	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12000
<b>API Well Number:</b> 177104134300	<b>Drilling Operator:</b> NORCEN EXPLORER INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6000 - 12000	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 21-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 0
7140 / 7139	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10050 /10049	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
11730 /11728	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
12000 /11998	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 346	Date of Summary: 25-JAN-1988	First Sample Examined: 0
Lease Number: G08696	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5868
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5347
API Well Number: 177104123700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 333
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2007	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4050 / 3531	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 346	<b>Date of Summary:</b> 18-MAR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08696	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10407
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8693
<b>API Well Number:</b> 177104124100	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 333
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 / 2020	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4540 / 4508	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7480 / 6651	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 348	Date of Summary:	First Sample Examined: 0
Lease Number: G03157	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8752
API Well Number: 177104059501	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 329
Public Info Code: Y 06-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 6448	POS AT Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary:	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177104071400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 293
Public Info Code: Y 26-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2680 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4480 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary:	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5319
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 5161
API Well Number: 177104071401	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 293
Public Info Code: Y 12-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2900	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3500 / 3492	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 349	<b>Date of Summary:</b> 09-JUL-1982	<b>First Sample Examined:</b> 1060
<b>Lease Number:</b> G02322	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12010
<b>Well Name:</b> 011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12008
<b>API Well Number:</b> 177104092700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1060 - 12000	<b>Water Depth:</b> 332
<b>Public Info Code:</b> Y 01-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1060	DEF AT first sample examined	DEF IN 2
1900 / 1900	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
3040 / 3040	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5920 / 5919	DEF AT faunal change (no faunal increase)	DEF AT 4
6250 / 6249	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7180 / 7179	DEF AT sample gap top	POS AT 4
8260 / 8259	DEF AT sample gap bottom	DEF AT 4
12000 / 11998	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 05-AUG-1982	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12010
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 12008
API Well Number: 177104092700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 01-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 / 1900	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3040 / 3040	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6250 / 6249	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 08-FEB-1983	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3500
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 3500
API Well Number: 177104100500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 18-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3006 / 3005	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 349	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02322	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7053
<b>Well Name:</b> B003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6359
<b>API Well Number:</b> 177104086300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 298
<b>Public Info Code:</b> Y 05-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 / 3867	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 28-MAY-1980	First Sample Examined: 3800
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 7053
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6359
API Well Number: 177104086300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 3800 - 6200	Water Depth: 298
Public Info Code: Y 05-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3790	DEF AT first sample examined	DEF AT 3
3801 / 3791	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6200 / 5705	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 31-AUG-1981	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10643
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 9634
API Well Number: 177104088000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 25-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3620	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5130 / 4404	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7600 / 6775	DEF AT faunal change (no faunal increase)	DEF AT 4
8713 / 7884	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 10-JUN-1980	First Sample Examined: 7020
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 11100
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10077
API Well Number: 177104087500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 7020 - 11100	Water Depth: 298
Public Info Code: Y 04-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 / 6306	DEF AT first sample examined	DEF IN 3
7021 / 6307	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8070 / 7156	DEF AT faunal change (no faunal increase)	DEF AT 4
10690 / 9671	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10840 / 9818	DEF AT anhydrite	POS AT 4
10990 / 9966	DEF AT faunal change (no faunal increase)	DEF AT 5
11100 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 06-NOV-1980	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9113
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 8138
API Well Number: 177104088800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 07-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 2958	DEF AT -----	DEF AT 2
3870 / 3472	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4800 / 4218	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6070 / 5277	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
8320 / 7356	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 19-MAR-1996	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14990
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 10707
API Well Number: 177104090300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 04-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4290 / 3419	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
13900 / 9936	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 21-OCT-1980	First Sample Examined: 3240
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 5690
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5276
API Well Number: 177104088801	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3240 - 5730	Water Depth: 298
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 2969	DEF AT first sample examined	DEF IN 2
3870 / 3554	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5730 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5690
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 5276
API Well Number: 177104088801	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 2969	DEF AT -----	DEF AT 2
3870 / 3554	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5566 / 5162	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 21-MAY-1981	First Sample Examined: 3430
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 11192
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9590
API Well Number: 177104092100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3430 - 11140	Water Depth: 298
Public Info Code: Y 14-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 / 2835	POS AT first sample examined	POS IN 3
3520 / 2899	POS AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
4630 / 3687	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
9640 / 8057	DEF AT faunal change (no faunal increase)	DEF AT 4
10720 / 9127	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10900 / 9303	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11080 / 9480	DEF AT anhydrite	DEF AT 0
11140 / 9539	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 349	<b>Date of Summary:</b> 17-SEP-1981	<b>First Sample Examined:</b> 2820
<b>Lease Number:</b> G02322	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6084
<b>Well Name:</b> B010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5200
<b>API Well Number:</b> 177104093900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2820 - 6030	<b>Water Depth:</b> 298
<b>Public Info Code:</b> Y 11-OCT-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2717	DEF AT first sample examined	DEF AT 3
2821 / 2717	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6030 / 5195	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 13-JAN-1982	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6084
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 177104093900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 11-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2717	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 13-OCT-1981	First Sample Examined: 3070
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 5300
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4635
API Well Number: 177104095700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3070 - 5300	Water Depth: 298
Public Info Code: Y 25-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 2504	DEF AT first sample examined	DEF IN 2
3370 / 2766	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5300 / 4635	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 349	Date of Summary: 10-SEP-1995	First Sample Examined: 0
Lease Number: G02322	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5300
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 4635
API Well Number: 177104095700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 25-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 2521	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4114 / 3460	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 352	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G03410	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10212
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10212
API Well Number: 177104090900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 296
Public Info Code: Y 10-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 /	DEF AT Lower Pleistocene (Calabrian) Hyalina "B" = Trimosina "B"	DEF AT 0
7020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8760 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 352	Date of Summary: 19-JUN-1981	First Sample Examined: 2844
Lease Number: G03410	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8999
API Well Number: 177104094600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2844 - 8964	Water Depth: 295
Public Info Code: Y 10-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2844 / 2844	DEF AT cement	DEF AT 0
2998 / 2998	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3558 / 3558	DEF AT sample gap top	DEF AT 0
3588 / 3588	DEF AT sample gap bottom	DEF AT 0
3589 / 3589	DEF AT local marker foram increase	DEF AT 2
3590 / 3590	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
5831 / 5831	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6016 / 6016	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6139 / 6139	DEF AT -----	DEF AT 4
7285 / 7285	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7502 / 7502	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7627 / 7627	DEF AT -----	DEF AT 3
8125 / 8125	DEF AT -----	DEF AT 4
8715 / 8715	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8915 / 8915	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8964 / 8964	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 356	Date of Summary:	First Sample Examined: 7080
Lease Number: G10753	Source of Paleo: OPERATOR	Borehole MD: 13699
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13699
API Well Number: 177104130800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 1560 - 13710	Water Depth: 275
Public Info Code: Y 25-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8970 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10890 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12180 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12870 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13320 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
13710 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 356	Date of Summary: 28-MAR-1990	First Sample Examined: 0
Lease Number: G10753	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13699
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13699
API Well Number: 177104130800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 25-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8970 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10890 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 359	Date of Summary: 11-MAR-1986	First Sample Examined: 0
Lease Number: G05524	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177104117600	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5300 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 360	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 1600
<b>Lease Number:</b> G02323	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10102
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10102
<b>API Well Number:</b> 177104073000	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 43
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1600 - 10120	<b>Water Depth:</b> 360
<b>Public Info Code:</b> Y 04-AUG-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 /	DEF AT first sample examined	DEF AT 2
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4700 /	DEF AT -----	DEF AT 2
7000 /	DEF AT -----	DEF AT 4
7170 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 361	Date of Summary: 02-JUL-1985	First Sample Examined: 0
Lease Number: G02323	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7751
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 4116
API Well Number: 177104103900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 307
Public Info Code: Y 27-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3425 / 2224	POS AT Pleistocene	DEF AT 0
6326 / 3547	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 361	Date of Summary: 21-JUL-1978	First Sample Examined: 490
Lease Number: G02324	Source of Paleo: OPERATOR	Borehole MD: 13174
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11493
API Well Number: 177104073100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 490 - 13170	Water Depth: 311
Public Info Code: Y 13-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
490 / 490	DEF AT first sample examined	DEF AT 2
491 / 491	DEF AT reefal material	DEF AT 2
720 / 720	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
960 / 960	DEF AT local marker foram increase	DEF IN 2
1020 / 1020	DEF AT faunal change (no faunal increase)	DEF AT 2
1080 / 1080	DEF AT cement	POS AT 2
1440 / 1440	DEF AT shell fragments	DEF AT 2
1620 / 1620	DEF AT local marker benthic foram increase	DEF AT 3
1920 / 1920	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2040 / 2040	DEF AT faunal change (no faunal increase)	DEF AT 3
2400 / 2400	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2580 / 2580	DEF AT shell fragments	DEF AT 1
2880 / 2875	DEF AT faunal change (no faunal increase)	DEF IN 1
2940 / 2932	DEF AT local marker benthic foram increase	DEF AT 2
3000 / 2988	DEF AT faunal change (no faunal increase)	DEF IN 2
3120 / 3100	DEF AT local marker foram increase	DEF AT 3
3240 / 3211	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3300 / 3266	DEF AT Arenaceous fauna (local marker)	DEF AT 3
3540 / 3479	DEF AT faunal change (no faunal increase)	DEF AT 4
3570 / 3505	DEF AT faunal change (no faunal increase)	DEF AT 3
4020 / 3888	DEF AT faunal change (no faunal increase)	DEF IN 3
4050 / 3913	DEF AT faunal change (no faunal increase)	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 361	Date of Summary: 21-JUL-1978	First Sample Examined: 490
Lease Number: G02324	Source of Paleo: OPERATOR	Borehole MD: 13174
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11493
API Well Number: 177104073100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 490 - 13170	Water Depth: 311
Public Info Code: Y 13-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4140 / 3989	DEF AT faunal change (no faunal increase)	DEF IN 3
4200 / 4039	DEF AT faunal change (no faunal increase)	DEF AT 3
4260 / 4089	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4320 / 4140	DEF AT faunal change (no faunal increase)	DEF AT 4
4380 / 4190	DEF AT cement	POS AT 4
4500 / 4291	DEF AT faunal change (no faunal increase)	DEF AT 3
4530 / 4316	DEF AT local marker benthic foram increase	DEF AT 3
4650 / 4419	POS AT reworked material	DEF AT 3
4860 / 4599	DEF AT local marker foram increase	DEF AT 3
4890 / 4625	DEF AT faunal change (no faunal increase)	DEF IN 2
7530 / 6883	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 2
7590 / 6933	DEF AT local marker benthic foram increase	DEF AT 3
7710 / 7035	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7950 / 7238	DEF AT limestone	DEF AT 3
8220 / 7467	DEF AT local marker foram increase	DEF AT 3
8280 / 7518	DEF AT local marker deep water fauna	DEF AT 4
8460 / 7673	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8610 / 7803	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9060 / 8190	DEF AT faunal change (no faunal increase)	DEF IN 3
9360 / 8450	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9990 / 8993	DEF AT local marker foram increase	DEF AT 3
10710 / 9598	DEF AT local marker foram increase	DEF AT 4
10830 / 9698	DEF AT faunal change (no faunal increase)	DEF AT 3
11070 / 9892	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 361	<b>Date of Summary:</b> 21-JUL-1978	<b>First Sample Examined:</b> 490
<b>Lease Number:</b> G02324	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13174
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11493
<b>API Well Number:</b> 177104073100	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 490 - 13170	<b>Water Depth:</b> 311
<b>Public Info Code:</b> Y 13-AUG-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11100 / 9916	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11340 /10108	DEF AT limestone	DEF AT 4
11760 /10437	DEF AT faunal change (no faunal increase)	DEF IN 4
11820 /10483	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12090 /10691	DEF AT local marker foram decrease	DEF AT 4
12540 /11029	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
12570 /11051	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
12600 /11073	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12900 /11294	DEF AT faunal change (no faunal increase)	DEF IN 4
13080 /11426	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 4
13170 /11491	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 361	Date of Summary: 26-JUL-1983	First Sample Examined: 0
Lease Number: G02324	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6490
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 5004
API Well Number: 177104103400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 307
Public Info Code: Y 15-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2042 / 2028	POS AT Upper Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 361	Date of Summary: 04-SEP-1996	First Sample Examined: 0
Lease Number: G02324	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5856
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 4993
API Well Number: 177104103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 307
Public Info Code: Y 29-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2042 / 2028	POS AT Upper Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 362	Date of Summary: 16-FEB-1989	First Sample Examined: 1410
Lease Number: G08698	Source of Paleo: OPERATOR	Borehole MD: 14978
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13485
API Well Number: 177104127800	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 3	Sample Range: 1410 - 14978	Water Depth: 303
Public Info Code: Y 27-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1410 / 1410	DEF AT first sample examined	POS AT 1
2635 / 2635	DEF AT faunal change (no faunal increase)	DEF AT 1
2666 / 2666	DEF AT faunal change (no faunal increase)	DEF AT 2
3103 / 3103	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3133 / 3133	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3388 / 3388	DEF AT faunal change (no faunal increase)	DEF AT 1
3770 / 3770	DEF AT faunal change (no faunal increase)	DEF AT 2
7400 / 6971	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7970 / 7452	DEF AT faunal change (no faunal increase)	DEF AT 4
8000 / 7478	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8060 / 7529	DEF AT local marker benthic foram increase	DEF AT 4
9230 / 8505	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
10340 / 9436	DEF AT local marker planktic foram increase	DEF AT 3
10640 / 9690	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10700 / 9740	DEF AT faunal change (no faunal increase)	DEF AT 3
10940 / 9942	DEF AT faunal change (no faunal increase)	DEF AT 4
11300 / 10243	DEF AT faunal change (no faunal increase)	DEF AT 3
12110 / 10926	DEF AT faunal change (no faunal increase)	DEF AT 4
12230 / 11028	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12290 / 11079	DEF AT faunal change (no faunal increase)	DEF AT 4
14270 / 12835	DEF AT faunal change (no faunal increase)	DEF AT 5
14510 / 13054	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 362	Date of Summary: 16-FEB-1989	First Sample Examined: 1410
Lease Number: G08698	Source of Paleo: OPERATOR	Borehole MD: 14978
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13485
API Well Number: 177104127800	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 3	Sample Range: 1410 - 14978	Water Depth: 303
Public Info Code: Y 27-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14978 /13485	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 362	Date of Summary: 17-FEB-1989	First Sample Examined: 5960
Lease Number: G08698	Source of Paleo: OPERATOR	Borehole MD: 14978
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13485
API Well Number: 177104127800	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 2 of 3	Sample Range: 5960 - 8120	Water Depth: 303
Public Info Code: Y 27-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5960 / 5760	DEF AT first sample examined	DEF AT 0
7460 / 7021	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
7490 / 7047	DEF AT local marker floral decrease	DEF AT 0
8089 / 7553	DEF AT floral flood	DEF AT 0
8090 / 7554	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8119 / 7579	DEF AT floral flood	DEF AT 0
8120 / 7580	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 362	Date of Summary: 17-FEB-1989	First Sample Examined: 7010
Lease Number: G08698	Source of Paleo: OPERATOR	Borehole MD: 14978
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13485
API Well Number: 177104127800	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 3 of 3	Sample Range: 7010 - 14990	Water Depth: 303
Public Info Code: Y 27-JUL-1990	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Report=sidetrack=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 6647	DEF AT first sample examined	DEF AT 0
7400 / 6971	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
7490 / 7047	DEF AT local marker floral decrease	DEF AT 0
8089 / 7553	DEF AT floral flood	DEF AT 0
8090 / 7554	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8390 / 7807	DEF AT local marker floral decrease	DEF AT 0
8510 / 7907	DEF AT local marker floral increase	DEF AT 0
11000 / 9992	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11090 / 10067	DEF AT local marker floral decrease	DEF AT 0
12290 / 11079	DEF AT local marker floral increase	DEF AT 0
12320 / 11105	DEF AT local marker floral decrease	DEF AT 0
12620 / 11364	DEF AT local marker floral increase	DEF AT 0
14300 / 12862	DEF AT floral flood	DEF AT 0
14330 / 12889	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
14600 / 13136	DEF AT local marker floral decrease	DEF AT 0
14990 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 366	Date of Summary: 24-APR-1990	First Sample Examined: 0
Lease Number: G08697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7403
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 177104131200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 31-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5064 / 3838	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6624 / 4695	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 366	Date of Summary: 30-JAN-1990	First Sample Examined: 0
Lease Number: G08700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10550
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8600
API Well Number: 177104123200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2040 / 2040	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4320 / 3905	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9390 / 7730	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 366	<b>Date of Summary:</b> 09-FEB-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08700	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7810
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6009
<b>API Well Number:</b> 177104123300	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 338
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2510 / 2192	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5300 / 3851	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5818 / 4273	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 366	Date of Summary: 19-MAR-1990	First Sample Examined: 0
Lease Number: G08700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5215
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 177104131100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 / 4081	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4896 / 4800	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> EI 372 <b>Lease Number:</b> G03786 <b>Well Name:</b> 001 <b>API Well Number:</b> 177104076000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 20-NOV-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12401 <b>Borehole TVD:</b> 12401 <b>Rkb Elevation:</b> 64 <b>Water Depth:</b> 371 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11910 /	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 372	Date of Summary:	First Sample Examined: 0
Lease Number: G03786	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11498
API Well Number: 177104084000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 394
Public Info Code: Y 01-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11030 /	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 373	Date of Summary: 05-FEB-1990	First Sample Examined: 0
Lease Number: G07742	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14074
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13219
API Well Number: 177104130200	Drilling Operator: JAPEX US CORP	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10950 /10689	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
13950 /13114	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 375	Date of Summary: 30-OCT-1987	First Sample Examined: 1230
Lease Number: G08702	Source of Paleo: OPERATOR	Borehole MD: 8200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8200
API Well Number: 177104122600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 1230 - 8200	Water Depth: 332
Public Info Code: Y 06-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1230 / 1230	DEF AT first sample examined	DEF IN 3
1650 / 1650	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
1980 / 1980	DEF AT faunal change (no faunal increase)	DEF AT 3
3150 / 3150	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5250 / 5250	DEF AT faunal change (no faunal increase)	DEF AT 4
5430 / 5430	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6180 / 6180	DEF AT faunal change (no faunal increase)	DEF AT 5
6210 / 6210	POS AT reworked material	DEF AT 5
8130 / 8130	POS AT reworked material	DEF AT 5
8200 / 8199	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 375	Date of Summary: 15-DEC-1987	First Sample Examined: 0
Lease Number: G08702	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 177104122600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 06-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 / 1650	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3160 / 3160	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5430 / 5430	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 375	Date of Summary: 12-FEB-1988	First Sample Examined: 0
Lease Number: G08702	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8271
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7159
API Well Number: 177104123000	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 06-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1530 / 1530	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2100 / 2096	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3210 / 3106	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6540 / 5745	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6810 / 5957	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
7350 / 6398	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7650 / 6646	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8130 / 7042	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8160 / 7067	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8190 / 7092	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 375	<b>Date of Summary:</b> 19-OCT-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08702	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12746
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10159
<b>API Well Number:</b> 177104134401	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 351
<b>Public Info Code:</b> Y 06-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 3090	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 3
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6480 / 5762	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 3
6510 / 5783	DEF AT faunal change (no faunal increase)	DEF AT 4
6570 / 5826	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 4
10140 / 7984	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
11520 / 9117	DEF AT faunal change (no faunal increase)	DEF AT 5
11580 / 9167	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 375	Date of Summary: 06-NOV-1992	First Sample Examined: 0
Lease Number: G08702	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9930
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8955
API Well Number: 177104134402	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 351
Public Info Code: Y 06-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6880 / 6048	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8680 / 7708	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9640 / 8666	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9760 / 8786	DEF AT faunal change (no faunal increase)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 380	Date of Summary: 06-NOV-1980	First Sample Examined: 0
Lease Number: G02327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6215
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 3785
API Well Number: 177104080000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 02-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 3758	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 380	Date of Summary: 06-NOV-1980	First Sample Examined: 0
Lease Number: G02327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7308
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 5220
API Well Number: 177104079401	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 20-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7250 / 5185	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 380	Date of Summary: 02-OCT-1980	First Sample Examined: 0
Lease Number: G02327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6732
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 5006
API Well Number: 177104082600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 22-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6730 / 5005	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 380	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G02327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5870
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 5001
API Well Number: 177104084100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 17-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5876 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 380	Date of Summary:	First Sample Examined: 0
Lease Number: G02327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5446
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 4999
API Well Number: 177104085100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 05-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 4984	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 380	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G02327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5570
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 4999
API Well Number: 177104083401	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 21-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 / 4999	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 07-MAY-1980	First Sample Examined: 4835
Lease Number: G02329	Source of Paleo: OPERATOR	Borehole MD: 6300
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4430
API Well Number: 177104082200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4835 - 5670	Water Depth: 431
Public Info Code: Y 04-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4835 / 3616	DEF AT first sample examined	DEF IN 2
4836 / 3616	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5670 / 4075	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 384	<b>Date of Summary:</b> 02-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02329	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6300
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4430
<b>API Well Number:</b> 177104082200	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 431
<b>Public Info Code:</b> Y 04-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5975 / 4245	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 31-AUG-1981	First Sample Examined: 0
Lease Number: G02329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6641
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5915
API Well Number: 177104082500	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 22-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 4328	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5000 / 4546	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary:	First Sample Examined: 0
Lease Number: G02329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9270
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6932
API Well Number: 177104083200	Drilling Operator: ALLIED CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 / 1690	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT
5500 / 4448	POS AT Illinoian fauna (local marker)	DEF AT
6490 / 5059	DEF AT faunal change (no faunal increase)	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 31-AUG-1981	First Sample Examined: 0
Lease Number: G02329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9270
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6932
API Well Number: 177104083200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5302 / 4333	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6549 / 5101	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 09-SEP-1981	First Sample Examined: 0
Lease Number: G03159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11047
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9025
API Well Number: 177104080900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 28-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3682	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 4
4780 / 4360	DEF AT faunal change (no faunal increase)	DEF AT 4
5890 / 5157	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10690 / 8719	DEF AT faunal change (no faunal increase)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 09-SEP-1981	First Sample Examined: 0
Lease Number: G03159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6958
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6336
API Well Number: 177104086900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 20-JUN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4339 / 4126	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5353 / 4978	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 04-SEP-1981	First Sample Examined: 0
Lease Number: G03159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6625
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6310
API Well Number: 177104087300	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 08-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4406 / 4248	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5583 / 5348	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 384	Date of Summary: 09-SEP-1981	First Sample Examined: 0
Lease Number: G03159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6345
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6345
API Well Number: 177104084700	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 431
Public Info Code: Y 16-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4448 / 4448	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5491 / 5491	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 386	Date of Summary:	First Sample Examined: 0
Lease Number: G05526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10729
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10200
API Well Number: 177104125800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 417
Public Info Code: Y 18-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1460 / 1460	POS IN Pleistocene	DEF AT 0
7890 / 7532	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 387	Date of Summary: 26-FEB-1988	First Sample Examined: 3550
Lease Number: G06727	Source of Paleo: OPERATOR	Borehole MD: 6435
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6435
API Well Number: 177104122900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 3550 - 6370	Water Depth: 412
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 /	DEF AT first sample examined	DEF IN 4
3551 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 4
3790 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6370 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 387	Date of Summary: 08-MAR-1988	First Sample Examined: 0
Lease Number: G06727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6435
API Well Number: 177104122900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 412
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5080 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 389	<b>Date of Summary:</b> 08-FEB-1989	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G06729	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7117
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7115
<b>API Well Number:</b> 177104128200	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 1500 - 3650	<b>Water Depth:</b> 460
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2160 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3650 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 389	Date of Summary: 08-FEB-1989	First Sample Examined: 3450
Lease Number: G06729	Source of Paleo: OPERATOR	Borehole MD: 7117
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7115
API Well Number: 177104128200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 3	Sample Range: 3450 - 7110	Water Depth: 460
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 /	DEF AT first sample examined	DEF AT 4
3720 /	DEF AT -----	DEF AT 3
4500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4770 /	DEF AT -----	DEF AT 4
5340 /	DEF AT -----	DEF AT 5
6270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7110 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 389	Date of Summary: 03-MAR-1989	First Sample Examined: 0
Lease Number: G06729	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7117
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7115
API Well Number: 177104128200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 460
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT -----	DEF AT 3
2160 /	DEF AT -----	DEF AT 4
2878 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3720 /	DEF AT -----	DEF AT 3
4500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4770 /	DEF AT -----	DEF AT 4
5340 /	DEF AT -----	DEF AT 5
6270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 392	Date of Summary: 19-SEP-1974	First Sample Examined: 1490
Lease Number: G02332	Source of Paleo: OPERATOR	Borehole MD: 5980
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5979
API Well Number: 177104038200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1490 - 5960	Water Depth: 319
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1490 /	DEF AT first sample examined	DEF IN 3
2540 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5810 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5960 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 392	Date of Summary: 14-OCT-1974	First Sample Examined: 1500
Lease Number: G02332	Source of Paleo: OPERATOR	Borehole MD: 4800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4800
API Well Number: 177104039200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1500 - 4800	Water Depth: 300
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
1830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4740 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4800 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 392	<b>Date of Summary:</b> 14-JAN-1975	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G02332	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10000
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10000
<b>API Well Number:</b> 177104040600	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1500 - 9970	<b>Water Depth:</b> 350
<b>Public Info Code:</b> Y 30-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2940 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5970 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6120 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6300 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7530 /	DEF AT faunal change (no faunal increase)	DEF AT 6
8520 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
9210 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9970 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 392	Date of Summary: 04-FEB-1975	First Sample Examined: 3100
Lease Number: G02332	Source of Paleo: OPERATOR	Borehole MD: 7425
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 6103
API Well Number: 177104040601	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3100 - 7425	Water Depth: 350
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF IN first sample examined	DEF AT 3
3101 / 3101	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7425 / 6104	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 392	Date of Summary: 01-MAR-1977	First Sample Examined: 1390
Lease Number: G02332	Source of Paleo: OPERATOR	Borehole MD: 6348
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6348
API Well Number: 177104061700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1390 - 6350	Water Depth: 350
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1390 /	DEF AT first sample examined	DEF IN 3
2950 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5390 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5510 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5990 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6350 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 392	Date of Summary:	First Sample Examined: 0
Lease Number: G02332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6505
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 6505
API Well Number: 177104070400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 371
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 392	Date of Summary: 31-JUL-1981	First Sample Examined: 0
Lease Number: G02332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9595
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6829
API Well Number: 177104091700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9145 / 6509	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 394	Date of Summary: 05-JUL-1987	First Sample Examined: 0
Lease Number: G05527	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13323
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11511
API Well Number: 177104116300	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 424
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF IN Illinoian fauna (local marker)	DEF AT 0
3745 / 3745	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4882 / 4819	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
7310 / 6767	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10068 / 8939	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10580 / 9343	DEF AT Aftonian fauna (local marker)	DEF AT 0
10770 / 9494	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
11644 / 10207	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EI 397	<b>Date of Summary:</b> 25-OCT-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05529	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9836
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9105
<b>API Well Number:</b> 177104107300	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 442
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 3550	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5980 / 5962	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
5981 / 5963	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8530 / 8189	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9700 / 9015	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EI 397	Date of Summary: 28-OCT-1987	First Sample Examined: 0
Lease Number: G05529	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10068
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9999
API Well Number: 177104120900	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 446
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3640 / 3640	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6750 / 6750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9700 / 9699	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 06-JUN-1986	First Sample Examined: 2370
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 15200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15200
API Well Number: 608104002900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 2370 - 10560	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2370 /	DEF AT first sample examined	DEF IN 3
2760 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3390 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4170 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4470 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
7140 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7170 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8070 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8400 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8460 /	DEF AT faunal change (no faunal increase)	DEF AT 6
8820 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
9900 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10560 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 11-JUN-1986	First Sample Examined: 2370
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 15200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15200
API Well Number: 608104002900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 2370 - 10560	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
2370 /	DEF AT first sample examined	DEF AT 0
2371 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5520 /	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
7199 /	DEF AT condensed section	DEF AT 0
7200 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
7890 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8460 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
10530 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
10560 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 06-JUN-1986	First Sample Examined: 10200
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13883
API Well Number: 608104002901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 7	Sample Range: 10200 - 15150	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack 1; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /10200	DEF AT first sample examined	DEF IN 6
15150 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 06-JUN-1986	First Sample Examined: 12400
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13883
API Well Number: 608104002901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 7	Sample Range: 12400 - 13270	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12400 /12244	DEF AT first sample examined	DEF IN 6
13270 /13013	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 06-JUN-1986	First Sample Examined: 12680
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13883
API Well Number: 608104002901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 3 of 7	Sample Range: 12680 - 15200	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 3; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12680 /12483	DEF AT first sample examined	DEF IN 6
15200 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 11-JUN-1986	First Sample Examined: 10900
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13883
API Well Number: 608104002901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 4 of 7	Sample Range: 10900 - 13330	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Report=sidetrack 4; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 /10899	DEF AT first sample examined	DEF IN 6
13330 /13066	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 11-JUN-1986	First Sample Examined: 13270
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13883
API Well Number: 608104002901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 5 of 7	Sample Range: 13270 - 14310	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 007

Remark: Report=sidetrack 5; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13270 /13013	DEF AT first sample examined	DEF AT 0
14310 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 790	<b>Date of Summary:</b> 12-JUN-1986	<b>First Sample Examined:</b> 10200
<b>Lease Number:</b> G05798	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14310
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13883
<b>API Well Number:</b> 608104002901	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 6 of 7	<b>Sample Range:</b> 10200 - 15150	<b>Water Depth:</b> 928
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 1 = nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /10200	DEF AT first sample examined	DEF AT 0
10560 /10560	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
12300 /12159	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
13020 /12790	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 0
14040 /13678	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
14220 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
15150 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 790	Date of Summary: 12-JUN-1986	First Sample Examined: 12680
Lease Number: G05798	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13883
API Well Number: 608104002901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 7 of 7	Sample Range: 12680 - 15200	Water Depth: 928
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 005

Remark: Report=sidetrack 3 =nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12680 /12483	DEF AT first sample examined	DEF AT 0
12681 /12484	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
13550 /13259	POS IN Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 0
14180 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
15200 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 829	Date of Summary: 16-APR-1985	First Sample Examined: 3245
Lease Number: G05794	Source of Paleo: OPERATOR	Borehole MD: 11370
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11370
API Well Number: 608104003100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3245 - 11370	Water Depth: 550
Public Info Code: Y 01-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3245 /	DEF AT first sample examined	DEF IN 4
3830 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
3950 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6350 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6410 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7640 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8780 /	DEF AT faunal change (no faunal increase)	DEF AT 6
8930 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9770 /	DEF AT faunal change (no faunal increase)	DEF AT 6
11370 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 868	<b>Date of Summary:</b> 02-MAY-1978	<b>First Sample Examined:</b> 6020
<b>Lease Number:</b> G06902	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15053
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15053
<b>API Well Number:</b> 608104003600	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1700 - 15053	<b>Water Depth:</b> 567
<b>Public Info Code:</b> Y 31-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1700 /	DEF AT first sample examined	DEF AT
9080 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9230 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10160 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
12150 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
15053 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 869	Date of Summary: 05-FEB-1988	First Sample Examined: 2000
Lease Number: G06903	Source of Paleo: OPERATOR	Borehole MD: 11425
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11202
API Well Number: 608104006700	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2000 - 11425	Water Depth: 635
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT 0
2040 / 2040	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5490 / 5490	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
8490 / 8429	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10110 / 9970	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
10170 /10027	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11040 /10852	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
11425 /11216	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 878	Date of Summary: 08-APR-1986	First Sample Examined: 2775
Lease Number: G06906	Source of Paleo: OPERATOR	Borehole MD: 10121
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10121
API Well Number: 608104004700	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2775 - 10121	Water Depth: 1585
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2775 /	DEF IN Wisconsin fauna (local marker)	DEF AT 5
3615 /	DEF AT -----	DEF AT 4
4220 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
4640 /	DEF AT -----	DEF AT 4
5150 /	DEF AT Illinoian fauna (local marker)	DEF AT 5
6830 /	DEF AT -----	DEF AT 4
6890 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
7760 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
8060 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8300 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8510 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8660 /	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8750 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
8870 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 5
9050 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
9320 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
9530 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
9770 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
9830 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
9860 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
9890 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
9920 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 878	<b>Date of Summary:</b> 08-APR-1986	<b>First Sample Examined:</b> 2775
<b>Lease Number:</b> G06906	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10121
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10121
<b>API Well Number:</b> 608104004700	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2775 - 10121	<b>Water Depth:</b> 1585
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 /	DEF AT Middle Eocene	DEF AT 5
10040 /	POS AT domal material	DEF AT 0
10121 /	POS IN salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 878	Date of Summary: 14-MAY-1986	First Sample Examined: 0
Lease Number: G06906	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10121
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10121
API Well Number: 608104004700	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1585
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4220 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
6890 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
8300 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8510 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
8750 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8870 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
9050 /	DEF AT gouge	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 913	Date of Summary: 25-JUL-1989	First Sample Examined: 2200
Lease Number: G06913	Source of Paleo: OPERATOR	Borehole MD: 15725
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14605
API Well Number: 608105000900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 63
Paleo Report Num: 1 of 2	Sample Range: 2200 - 15725	Water Depth: 890
Public Info Code: Y 21-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	DEF AT first sample examined	DEF IN 4
2410 / 2410	DEF AT faunal change (no faunal increase)	DEF AT 5
5230 / 5230	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
10960 /10648	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10990 /10673	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15090 /14089	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
15725 /14605	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 913	Date of Summary: 25-JUL-1989	First Sample Examined: 2200
Lease Number: G06913	Source of Paleo: OPERATOR	Borehole MD: 15725
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14605
API Well Number: 608105000900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 2200 - 15725	Water Depth: 890
Public Info Code: Y 21-OCT-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2200 / 2200	DEF AT first sample examined	DEF AT 0
5680 / 5680	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
7450 / 7450	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9850 / 9737	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10090 / 9934	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
10960 /10648	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
10990 /10673	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12450 /11900	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13260 /12582	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
14789 /13845	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
14790 /13846	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
15725 /14605	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 921	Date of Summary: 18-SEP-1992	First Sample Examined: 3060
Lease Number: G12142	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15786
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15784
API Well Number: 608105002500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3060 - 15780	Water Depth: 1630
Public Info Code: Y 10-MAR-1993	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 3060	DEF AT first sample examined	POS AT 5
3061 / 3061	DEF AT cement	POS AT 5
3120 / 3120	DEF AT local marker planktic foram increase	POS AT 5
3180 / 3180	DEF AT faunal change (no faunal increase)	DEF AT 5
3600 / 3600	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
5160 / 5160	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6150 / 6150	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6180 / 6180	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
6750 / 6750	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8070 / 8070	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8370 / 8370	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8730 / 8730	DEF AT local marker foram increase	DEF AT 5
9330 / 9330	DEF AT local marker foram decrease	DEF AT 5
10080 /10080	DEF AT local marker foram increase	DEF AT 5
10170 /10170	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10410 /10410	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
10690 /10690	DEF AT sand	DEF AT 5
11670 /11670	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
11880 /11880	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12120 /12120	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12330 /12330	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
12390 /12390	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 921	Date of Summary: 18-SEP-1992	First Sample Examined: 3060
Lease Number: G12142	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15786
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15784
API Well Number: 608105002500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3060 - 15780	Water Depth: 1630
Public Info Code: Y 10-MAR-1993	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12480 /12479	DEF AT pyrite	DEF AT 5
12870 /12869	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13260 /13259	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
13380 /13379	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13560 /13559	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
13830 /13829	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
13860 /13859	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
13890 /13889	DEF AT local marker planktic foram increase	DEF AT 5
14670 /14668	DEF AT oxidized shale	DEF AT 5
14880 /14878	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
14970 /14968	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
15360 /15358	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15420 /15418	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
15450 /15448	DEF AT brown shale	DEF AT 5
15540 /15538	DEF AT gray shale	DEF AT 5
15780 /15778	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 921	Date of Summary: 18-AUG-1992	First Sample Examined: 12952
Lease Number: G12144	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16802
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16237
API Well Number: 608105002501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 12952 - 16802	Water Depth: 1630
Public Info Code: Y 27-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12952 /12951	DEF AT first sample examined	POS AT 5
12953 /12952	DEF AT cement	POS AT 5
13040 /13039	DEF AT pyrite	POS AT 5
13350 /13346	DEF AT faunal change (no faunal increase)	DEF IN 5
13610 /13598	POS AT drilling material	DEF IN 5
13910 /13877	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 5
14690 /14542	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
14780 /14616	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
15080 /14861	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF IN 5
15170 /14933	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
15740 /15391	DEF AT Arenaceous fauna (local marker)	DEF IN 5
16280 /15822	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 5
16670 /16132	POS AT limestone	DEF IN 5
16760 /16203	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 5
16802 /16237	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 953	Date of Summary: 10-APR-1986	First Sample Examined: 0
Lease Number: G06919	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10800
API Well Number: 608104004400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 650
Public Info Code: Y 21-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7440 /	POS AT Pliocene	DEF AT 0
9035 /	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 963	<b>Date of Summary:</b> 17-MAR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05814	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11205
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11205
<b>API Well Number:</b> 608104005900	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1472
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5068 /	POS IN Pleistocene	DEF AT 0
8339 /	POS IN Pliocene	DEF AT 0
10175 /	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 966	Date of Summary: 17-JUN-1988	First Sample Examined: 0
Lease Number: G06925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9384
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9381
API Well Number: 608104007100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1755
Public Info Code: Y 27-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8850 / 8847	POS IN Pleistocene	DEF AT 0
9030 / 9027	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 966	Date of Summary: 01-AUG-1989	First Sample Examined: 3360
Lease Number: G06925	Source of Paleo: OPERATOR	Borehole MD: 10320
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10320
API Well Number: 608105001000	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3360 - 10290	Water Depth: 1776
Public Info Code: Y 27-MAR-1990	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 /	DEF AT first sample examined	DEF AT 0
3510 /	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
3600 /	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
4110 /	DEF AT local marker floral decrease	DEF AT 0
4200 /	DEF AT local marker floral increase	DEF AT 0
4410 /	DEF AT local marker floral decrease	DEF AT 0
4710 /	DEF AT local marker floral increase	DEF AT 0
5220 /	DEF AT floral flood	DEF AT 0
5490 /	DEF AT local marker floral decrease	DEF AT 0
5910 /	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
8010 /	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT 0
8100 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 0
8130 /	DEF AT local marker floral increase	DEF AT 0
8400 /	DEF AT local marker floral decrease	DEF AT 0
8580 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
8790 /	DEF AT local marker floral decrease	DEF AT 0
9120 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9420 /	DEF AT local marker floral decrease	DEF AT 0
9690 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9720 /	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
9900 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
9990 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 966	Date of Summary: 01-AUG-1989	First Sample Examined: 3360
Lease Number: G06925	Source of Paleo: OPERATOR	Borehole MD: 10320
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10320
API Well Number: 608105001000	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3360 - 10290	Water Depth: 1776
Public Info Code: Y 27-MAR-1990	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 /	DEF AT floral flood	DEF AT 0
10200 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT 0
10289 /	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
10290 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 966	Date of Summary: 22-AUG-1989	First Sample Examined: 3360
Lease Number: G06925	Source of Paleo: OPERATOR	Borehole MD: 10320
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10320
API Well Number: 608105001000	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3360 - 10320	Water Depth: 1776
Public Info Code: Y 27-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3360 /	DEF AT first sample examined	DEF AT 5
3540 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3570 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
3990 /	DEF AT faunal change (no faunal increase)	DEF IN 4
4650 /	POS AT local marker benthic foram increase	DEF IN 4
6180 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6630 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6870 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7980 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8130 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8280 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8580 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9000 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
9630 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9899 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
9900 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9960 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10170 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10200 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10320 /	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 977	Date of Summary: 06-APR-1989	First Sample Examined: 2400
Lease Number: G06926	Source of Paleo: OPERATOR	Borehole MD: 10494
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10493
API Well Number: 608104007700	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2400 - 10500	Water Depth: 718
Public Info Code: Y 21-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2400 /	DEF AT first sample examined	DEF AT 4
4200 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4440 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5370 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
6330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7140 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7950 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
8123 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
9090 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
9120 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10500 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 978	Date of Summary: 05-AUG-1990	First Sample Examined: 1800
Lease Number: G06927	Source of Paleo: OPERATOR	Borehole MD: 12694
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12694
API Well Number: 608104007800	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1800 - 12690	Water Depth: 605
Public Info Code: Y 21-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 /	DEF AT first sample examined	DEF AT 4
2760 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
2960 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4460 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5930 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
5931 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6290 /	DEF AT faunal change (no faunal increase)	POS AT 4
7340 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	POS AT 4
9710 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	POS AT 4
9950 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10670 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
10790 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 4
11360 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11540 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
11960 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
12690 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 988	Date of Summary: 21-SEP-1993	First Sample Examined: 3500
Lease Number: G05809	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10730
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 10500
API Well Number: 608104004201	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 3500 - 10730	Water Depth: 488
Public Info Code: Y 06-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF AT 4
3560 / 3560	DEF AT local marker benthic foram increase	DEF IN 4
3770 / 3769	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3800 / 3799	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 6
5000 / 4947	DEF AT local marker benthic foram increase	DEF AT 7
5090 / 5032	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 6
5840 / 5743	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 6
6440 / 6320	DEF AT local marker foram increase	DEF AT 6
6680 / 6552	DEF AT foram flood	DEF AT 6
6710 / 6581	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 6
6950 / 6814	DEF AT local marker foram decrease	DEF AT 6
7250 / 7104	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8570 / 8384	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 6
10010 / 9794	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
10040 / 9824	DEF AT glauconite	DEF AT 6
10250 / 10030	DEF AT reworked material	DEF AT 6
10730 / 10501	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 989	<b>Date of Summary:</b> 06-NOV-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06928	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9676
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9676
<b>API Well Number:</b> 608104003900	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 500
<b>Public Info Code:</b> Y 10-NOV-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
4810 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5170 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7390 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8080 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
8170 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
9400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 0
9610 /	DEF AT anhydrite	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 989	Date of Summary: 12-DEC-1985	First Sample Examined: 0
Lease Number: G06928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10815
API Well Number: 608104003901	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 511
Public Info Code: Y 10-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6700 / 6700	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7180 / 7180	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7480 / 7477	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7930 / 7910	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8590 / 8509	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
8740 / 8642	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 991	<b>Date of Summary:</b> 10-AUG-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05816	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13091
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12980
<b>API Well Number:</b> 608104006800	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 781
<b>Public Info Code:</b> Y 14-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3620 / 3620	POS AT Pleistocene	DEF AT 0
10550 /10549	POS AT Pliocene	DEF AT 0
13091 /13050	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 991	Date of Summary: 19-MAR-1991	First Sample Examined: 0
Lease Number: G05816	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 608104007500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 780
Public Info Code: Y 14-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7360 /	POS IN Pleistocene	DEF AT 0
10240 /	POS AT Pliocene	DEF AT 0
11000 /	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 994	Date of Summary: 09-JUL-1986	First Sample Examined: 0
Lease Number: G05817	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 608104005100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 850
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 /	POS IN Upper Pleistocene	DEF AT 0
8500 /	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 999	Date of Summary: 03-MAY-1985	First Sample Examined: 3030
Lease Number: G06931	Source of Paleo: OPERATOR	Borehole MD: 10205
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10205
API Well Number: 608104003200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 3030 - 10205	Water Depth: 1462
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF IN 4
3180 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4860 /	DEF AT local marker planktic foram increase	DEF AT 5
6310 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9760 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9850 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9880 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
10060 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10061 /	DEF AT anhydrite	DEF AT 0
10062 /	POS AT salt	DEF AT 0
10205 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 999	<b>Date of Summary:</b> 17-JUN-1985	<b>First Sample Examined:</b> 3030
<b>Lease Number:</b> G06931	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10205
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10205
<b>API Well Number:</b> 608104003200	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3030 - 10120	<b>Water Depth:</b> 1462
<b>Public Info Code:</b> Y 20-JUL-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 /	DEF AT first sample examined	DEF AT 0
3031 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
9220 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10030 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10120 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 999	<b>Date of Summary:</b> 17-JUN-1985	<b>First Sample Examined:</b> 8500
<b>Lease Number:</b> G06931	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11300
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11001
<b>API Well Number:</b> 608104003201	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8500 - 11260	<b>Water Depth:</b> 1462
<b>Public Info Code:</b> Y 20-JUL-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8499	DEF AT first sample examined	DEF AT 0
9400 / 9324	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10030 / 9874	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10840 /10592	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11260 /10965	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 999	Date of Summary: 17-JUN-1985	First Sample Examined: 8500
Lease Number: G06931	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11001
API Well Number: 608104003201	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 8500 - 11290	Water Depth: 1462
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8499	DEF AT first sample examined	DEF IN 5
9400 / 9324	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 5
11020 /10752	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
11110 /10832	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS IN 5
11111 /10833	DEF AT anhydrite	POS IN 5
11112 /10834	POS AT salt	POS IN 5
11290 /10992	DEF AT last sample examined	POS IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

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Area Block: EW 999	Date of Summary: 13-JUN-1985	First Sample Examined: 6100
Lease Number: G06931	Source of Paleo: OPERATOR	Borehole MD: 11322
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10592
API Well Number: 608104003202	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 6100 - 11323	Water Depth: 1462
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6100 / 6100	DEF AT first sample examined	DEF IN 5
6340 / 6338	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
7450 / 7302	DEF AT sample gap top	POS IN 5
7750 / 7539	DEF AT sample gap bottom	DEF AT 5
9910 / 9374	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
10930 /10259	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
11200 /10489	DEF AT anhydrite	DEF AT
11201 /10490	POS AT salt	DEF AT
11323 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1988

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Area Block: EW 999	Date of Summary: 17-JUN-1985	First Sample Examined: 6100
Lease Number: G06931	Source of Paleo: OPERATOR	Borehole MD: 11322
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10592
API Well Number: 608104003202	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 6100 - 11320	Water Depth: 1462
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 6100	DEF AT first sample examined	DEF AT 0
10180 / 9610	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10900 /10234	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
11320 /10591	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 1001	<b>Date of Summary:</b> 17-JUN-1985	<b>First Sample Examined:</b> 3170
<b>Lease Number:</b> G06932	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13149
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13149
<b>API Well Number:</b> 608104003700	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3170 - 13130	<b>Water Depth:</b> 1527
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: 8030=Globigerinoides obliquus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 /	DEF AT first sample examined	DEF IN 4
3440 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5330 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7130 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8030 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13130 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1001	Date of Summary: 29-JUN-1985	First Sample Examined: 3170
Lease Number: G06932	Source of Paleo: OPERATOR	Borehole MD: 13149
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13149
API Well Number: 608104003700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 3170 - 13130	Water Depth: 1527
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 /	DEF AT first sample examined	DEF AT 0
3171 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7760 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
8300 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
8660 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8750 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
8840 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
8990 /	DEF AT floral flood	DEF AT 0
9020 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
9110 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9920 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
10010 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
11720 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
13130 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1001	Date of Summary: 07-NOV-1985	First Sample Examined: 3280
Lease Number: G06932	Source of Paleo: OPERATOR	Borehole MD: 14883
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14883
API Well Number: 608104003800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 4	Sample Range: 3280 - 8110	Water Depth: 1660
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3280 /	DEF AT first sample examined	DEF IN 4
4960 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5350 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7990 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8110 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1001	Date of Summary: 07-NOV-1985	First Sample Examined: 6100
Lease Number: G06932	Source of Paleo: OPERATOR	Borehole MD: 14883
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14883
API Well Number: 608104003800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 4	Sample Range: 6100 - 14860	Water Depth: 1660
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
6100 /	DEF AT first sample examined	DEF AT 0
7000 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8020 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8410 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
12040 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12070 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12910 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14830 /	DEF AT anhydrite	DEF AT 5
14860 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1001	Date of Summary: 07-NOV-1985	First Sample Examined: 3280
Lease Number: G06932	Source of Paleo: OPERATOR	Borehole MD: 14883
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14883
API Well Number: 608104003800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 3 of 4	Sample Range: 3280 - 8110	Water Depth: 1660
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
3280 /	DEF AT first sample examined	DEF AT 0
3281 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5410 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
6730 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
7810 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7959 /	DEF AT condensed section	DEF AT 0
7960 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
8020 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8110 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 1001	<b>Date of Summary:</b> 07-NOV-1985	<b>First Sample Examined:</b> 6100
<b>Lease Number:</b> G06932	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14883
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14883
<b>API Well Number:</b> 608104003800	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 6100 - 14860	<b>Water Depth:</b> 1660
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Report=sidetrack=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 /	DEF AT first sample examined	DEF AT 0
6730 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
8050 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8200 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
12040 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
14860 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1004	Date of Summary: 03-JUN-1985	First Sample Examined: 2520
Lease Number: G05818	Source of Paleo: OPERATOR	Borehole MD: 8556
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8556
API Well Number: 608104001800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 4	Sample Range: 2520 - 6510	Water Depth: 1421
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 /	DEF AT first sample examined	DEF IN 4
2850 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4950 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5550 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5850 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6510 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 1004	<b>Date of Summary:</b> 03-JUN-1985	<b>First Sample Examined:</b> 6450
<b>Lease Number:</b> G05818	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8556
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8556
<b>API Well Number:</b> 608104001800	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 6450 - 8550	<b>Water Depth:</b> 1421
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 /	DEF AT first sample examined	DEF AT 0
7560 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8550 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 1004	<b>Date of Summary:</b> 13-JUN-1985	<b>First Sample Examined:</b> 2520
<b>Lease Number:</b> G05818	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8556
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8556
<b>API Well Number:</b> 608104001800	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 2520 - 6480	<b>Water Depth:</b> 1421
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 /	DEF AT first sample examined	DEF AT 0
3060 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
6480 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1004	Date of Summary: 13-JUN-1985	First Sample Examined: 6450
Lease Number: G05818	Source of Paleo: OPERATOR	Borehole MD: 8556
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8556
API Well Number: 608104001800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 4 of 4	Sample Range: 6450 - 8520	Water Depth: 1421
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack=nannos

MD / TVD	Paleo Top Description	Ecozone
6450 /	DEF AT first sample examined	DEF AT 0
6451 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7530 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7620 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
7889 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 0
7890 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8520 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1006	Date of Summary:	First Sample Examined: 3255
Lease Number: G05820	Source of Paleo: OPERATOR	Borehole MD: 11612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11607
API Well Number: 608104006300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3255 - 11612	Water Depth: 1783
Public Info Code: Y 31-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3255 / 3255	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
4410 / 4410	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5940 / 5940	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
9915 / 9914	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11400 / 11397	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 1006	<b>Date of Summary:</b> 13-APR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05820	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13752
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12778
<b>API Well Number:</b> 608104006301	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1783
<b>Public Info Code:</b> Y 31-MAR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4335 / 4334	POS AT Pleistocene	DEF AT 0
13080 /12162	POS AT Pliocene	DEF AT 0
13650 /12683	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> EW 1010	<b>Date of Summary:</b> 06-SEP-1988	<b>First Sample Examined:</b> 3250
<b>Lease Number:</b> G06935	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8712
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8711
<b>API Well Number:</b> 608104006600	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3100 - 8650	<b>Water Depth:</b> 1722
<b>Public Info Code:</b> Y 25-JUN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT first sample examined	DEF AT 0
3130 / 3130	DEF AT -----	DEF AT 4
3250 / 3250	DEF AT local marker foram increase	DEF IN 4
3340 / 3340	DEF AT -----	DEF AT 0
3370 / 3370	DEF AT -----	DEF AT 4
3580 / 3580	DEF AT Illinoian fauna (local marker)	DEF IN 4
3730 / 3730	DEF AT -----	DEF AT 4
3820 / 3820	DEF AT local marker foram decrease	DEF AT 4
3910 / 3910	DEF AT local marker foram increase	DEF AT 4
3940 / 3940	DEF AT -----	DEF IN 4
4354 / 4354	DEF AT -----	DEF AT 0
4390 / 4390	DEF AT -----	DEF IN 4
4450 / 4450	DEF AT -----	DEF AT 4
4480 / 4480	DEF AT -----	DEF IN 4
4510 / 4510	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
4780 / 4780	DEF AT -----	DEF AT 4
4810 / 4810	DEF AT -----	DEF IN 4
5110 / 5110	DEF AT -----	DEF AT 0
5140 / 5140	DEF AT -----	DEF IN 4
5410 / 5410	DEF AT foram flood	DEF IN 4
5800 / 5800	DEF AT -----	DEF AT 4
6160 / 6160	DEF AT -----	DEF IN 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: EW 1010	Date of Summary: 06-SEP-1988	First Sample Examined: 3250
Lease Number: G06935	Source of Paleo: OPERATOR	Borehole MD: 8712
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8711
API Well Number: 608104006600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3100 - 8650	Water Depth: 1722
Public Info Code: Y 25-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6220 / 6219	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
6700 / 6699	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
6970 / 6969	DEF AT Aftonian fauna (local marker)	DEF IN 4
7000 / 6999	DEF AT foram flood	DEF IN 4
7120 / 7119	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
7121 / 7120	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 4
7150 / 7149	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
7180 / 7179	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
7370 / 7369	DEF AT - - - - -	DEF AT 4
7540 / 7539	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
7630 / 7629	DEF AT local marker planktic foram increase	DEF IN 4
7900 / 7899	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
8320 / 8319	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
8650 / 8649	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 144	Date of Summary:	First Sample Examined: 0
Lease Number: G03374	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8751
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8662
API Well Number: 427064003600	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 12-MAR-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 / 2350	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3130 / 3120	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6010 / 5937	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6630 / 6551	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7790 / 7707	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7910 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 151	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: G05177	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427064010100	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 30-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2390 /	POS AT Pliocene	DEF AT 0
2875 /	POS AT Miocene	DEF AT 0
4960 /	POS AT Middle Miocene	DEF AT 0
4961 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6770 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 151	<b>Date of Summary:</b> 23-NOV-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05177	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8456
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8351
<b>API Well Number:</b> 427064018800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 53
<b>Public Info Code:</b> Y 30-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 6462	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6620 / 6612	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7720 / 7710	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 191	Date of Summary: 12-AUG-1991	First Sample Examined: 0
Lease Number: G07235	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10747
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427064030400	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 25-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7930 / 6813	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8830 / 7494	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 192	<b>Date of Summary:</b> 29-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03229	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11787
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11767
<b>API Well Number:</b> 427064009800	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 02-AUG-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0
3400 / 3400	POS AT Upper (Late) Miocene	DEF AT 0
3401 / 3401	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
3402 / 3402	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
3950 / 3950	POS IN Upper (Late) Miocene	DEF AT 0
4200 / 4200	POS AT Middle Miocene	DEF AT 0
4201 / 4201	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6650 / 6650	POS IN Middle Miocene	DEF AT 0
7225 / 7224	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 213	<b>Date of Summary:</b> 30-DEC-1981	<b>First Sample Examined:</b> 3810
<b>Lease Number:</b> G04142	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9538
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9538
<b>API Well Number:</b> 427064007300	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3810 - 8835	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 02-AUG-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 /	DEF AT first sample examined	DEF IN 2
6030 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6600 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7470 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8400 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8610 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8835 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 223	<b>Date of Summary:</b> 31-OCT-1979	<b>First Sample Examined:</b> 4505
<b>Lease Number:</b> G03738	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8432
<b>Well Name:</b> JA001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7892
<b>API Well Number:</b> 427064004600	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4505 - 8433	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 13-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4505 / 4501	DEF AT first sample examined	DEF AT 0
5900 / 5785	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
6575 / 6356	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6890 / 6611	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7430 / 7054	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8433 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 226	Date of Summary: 01-FEB-1990	First Sample Examined: 0
Lease Number: G10241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14442
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13951
API Well Number: 427064023500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 5120	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6560 / 6559	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7670 / 7624	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8750 / 8611	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
12500 / 12167	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 242	Date of Summary: 12-JAN-1990	First Sample Examined: 0
Lease Number: G07238	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8777
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8643
API Well Number: 427064024700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 5614	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6739 / 6649	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7300 / 7197	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 242	Date of Summary: 24-OCT-1988	First Sample Examined: 0
Lease Number: G09033	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8734
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8734
API Well Number: 427064021900	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6980 /	DEF AT - - - - -	DEF AT 3
7340 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8540 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 281	Date of Summary: 04-DEC-1989	First Sample Examined: 0
Lease Number: G09038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8570
API Well Number: 427064020700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7435 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7900 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 282	Date of Summary: 21-AUG-1986	First Sample Examined: 0
Lease Number: G07243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 427064013300	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7089 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7520 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8090 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9380 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 282	Date of Summary: 19-JUL-1991	First Sample Examined: 7000
Lease Number: G07243	Source of Paleo: OPERATOR	Borehole MD: 10003
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10003
API Well Number: 427064030300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 7000 - 10000	Water Depth: 63
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF AT first sample examined	DEF AT 1
7001 / 7000	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7150 / 7148	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
7570 / 7568	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
8170 / 8168	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8910 / 8908	POS AT faunal change (no faunal increase)	DEF AT 1
9090 / 9087	DEF AT faunal change (no faunal increase)	DEF AT 1
9150 / 9147	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 1
9780 / 9777	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
9990 / 9987	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 282	Date of Summary: 19-AUG-1991	First Sample Examined: 0
Lease Number: G07243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10003
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10003
API Well Number: 427064030300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6025 / 6024	POS IN Upper (Late) Miocene	DEF AT 0
7455 / 7453	POS AT Lower (Early) Miocene	DEF AT 0
9765 / 9762	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 288	Date of Summary: 05-MAR-1980	First Sample Examined: 9330
Lease Number: 00709	Source of Paleo: OPERATOR	Borehole MD: 12150
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 11818
API Well Number: 427064005600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 9330 - 12150	Water Depth: 70
Public Info Code: Y 25-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9330 / 9037	DEF AT first sample examined	DEF AT 0
9690 / 9391	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12150 / 11819	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 298	Date of Summary: 07-FEB-1990	First Sample Examined: 3900
Lease Number: G07244	Source of Paleo: OPERATOR	Borehole MD: 9315
Well Name: 001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 8479
API Well Number: 427064025400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3900 - 9317	Water Depth: 64
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3900 / 3833	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4080 / 3986	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4800 / 4602	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5550 / 5239	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6150 / 5744	DEF AT -----	DEF AT 3
6180 / 5769	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6240 / 5819	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
6900 / 6373	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7770 / 7111	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 300	Date of Summary: 11-JUL-1984	First Sample Examined: 0
Lease Number: G06097	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 427064011300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 /	POS AT Pleistocene	DEF AT 0
2350 /	POS IN Pleistocene	DEF AT 0
3550 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
3700 /	POS AT Middle Miocene	DEF AT 0
7650 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9480 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 300	Date of Summary: 29-AUG-1984	First Sample Examined: 7230
Lease Number: G06097	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 427064011300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9510 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 300	<b>Date of Summary:</b> 18-APR-1991	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G11310	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11058
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10165
<b>API Well Number:</b> 427064028800	<b>Drilling Operator:</b> SANTA FE MINERALS INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4500 - 11058	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 16-SEP-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	POS IN Upper (Late) Miocene	DEF AT 2
7110 / 7110	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7260 / 7259	DEF AT - - - - -	DEF AT 3
8760 / 8656	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9150 / 8956	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11058 / 10169	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 300	Date of Summary: 30-APR-1991	First Sample Examined: 0
Lease Number: G11310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11058
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10165
API Well Number: 427064028800	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 16-SEP-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7110 / 7110	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7260 / 7259	DEF AT -----	DEF AT 3
8760 / 8656	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9150 / 8956	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 300	Date of Summary: 18-APR-1991	First Sample Examined: 8610
Lease Number: G11310	Source of Paleo: OPERATOR	Borehole MD: 13700
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12417
API Well Number: 427064028801	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 8610 - 13700	Water Depth: 61
Public Info Code: Y 16-SEP-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8610 / 8529	DEF IN cement	DEF AT 0
8730 / 8635	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11100 /10557	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13700 /12418	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 300	Date of Summary: 30-APR-1991	First Sample Examined: 0
Lease Number: G11310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12417
API Well Number: 427064028801	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 16-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8730 / 8635	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11100 / 10557	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 300	Date of Summary: 28-APR-1993	First Sample Examined: 8000
Lease Number: G11310	Source of Paleo: OPERATOR	Borehole MD: 11217
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9878
API Well Number: 427064033200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 8000 - 11218	Water Depth: 56
Public Info Code: Y 16-SEP-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7034	DEF AT first sample examined	DEF AT 1
9170 / 8053	DEF AT Cyclammina cancellata (local marker)	DEF AT 1
9260 / 8133	POS AT local marker (general)	DEF AT 1
9440 / 8293	DEF AT local marker (general)	DEF AT 2
9590 / 8427	DEF AT local marker (general)	DEF AT 2
9710 / 8535	DEF AT - - - - -	DEF AT 3
9890 / 8698	DEF AT cement	DEF AT 3
10580 / 9314	DEF AT shell fragments	DEF AT 1
10850 / 9548	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
10940 / 9627	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
10970 / 9654	POS AT local marker (general)	DEF AT 1
11090 / 9762	POS AT local marker (general)	DEF AT 1
11120 / 9790	POS AT local marker (general)	DEF AT 1
11210 / 9872	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 303	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G04565	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11426
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11426
API Well Number: 427064009400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 26-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9707 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 312	Date of Summary: 16-OCT-1990	First Sample Examined: 3650
Lease Number: G08125	Source of Paleo: OPERATOR	Borehole MD: 8800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8080
API Well Number: 427064027700	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 3650 - 5000	Water Depth: 66
Public Info Code: Y 09-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 / 3536	DEF AT first sample examined	DEF IN 1
5000 / 4681	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 312	Date of Summary: 16-OCT-1990	First Sample Examined: 4070
Lease Number: G08125	Source of Paleo: OPERATOR	Borehole MD: 8800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8080
API Well Number: 427064027700	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 4070 - 8800	Water Depth: 66
Public Info Code: Y 09-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4070 / 3896	DEF AT first sample examined	DEF AT 1
4550 / 4301	POS AT faunal change (no faunal increase)	DEF AT 2
7220 / 6640	DEF AT faunal change (no faunal increase)	DEF AT 3
7430 / 6831	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8060 / 7405	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8750 / 8035	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
8800 / 8080	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 324	Date of Summary: 18-SEP-1989	First Sample Examined: 5000
Lease Number: G08127	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11986
API Well Number: 427064023600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12000	Water Depth: 73
Public Info Code: Y 27-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5660 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6230 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6830 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8690 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8840 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9980 /	DEF AT - - - - -	DEF AT 4
10250 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
12000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 324	Date of Summary: 04-OCT-1990	First Sample Examined: 0
Lease Number: G08127	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10705
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9460
API Well Number: 427064027500	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 27-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9320 / 8721	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9607 / 8871	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 326	Date of Summary: 02-MAY-1984	First Sample Examined: 0
Lease Number: G06101	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9197
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8118
API Well Number: 427064010700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4718	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6110 / 5877	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7070 / 6544	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9110 / 8046	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 326	Date of Summary: 16-MAY-1988	First Sample Examined: 0
Lease Number: G06101	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8456
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7730
API Well Number: 427064020500	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8028 / 7423	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 334	Date of Summary: 19-MAR-1990	First Sample Examined: 0
Lease Number: G10247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8825
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7652
API Well Number: 427064025600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 6400	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8237 / 7121	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 345	Date of Summary: 31-JAN-1985	First Sample Examined: 7500
Lease Number: G06111	Source of Paleo: OPERATOR	Borehole MD: 9325
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7186
API Well Number: 427064011800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 7500 - 8280	Water Depth: 75
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 5884	DEF AT first sample examined	DEF AT 0
8070 / 6268	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8280 / 6411	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 345	Date of Summary: 31-JAN-1985	First Sample Examined: 7510
Lease Number: G06111	Source of Paleo: OPERATOR	Borehole MD: 9325
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7186
API Well Number: 427064011800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 7510 - 9320	Water Depth: 75
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 5891	DEF AT first sample examined	DEF AT 0
8120 / 6302	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9320 / 7140	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 350	<b>Date of Summary:</b> 23-SEP-1982	<b>First Sample Examined:</b> 4920
<b>Lease Number:</b> G04721	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12100
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11190
<b>API Well Number:</b> 427064008700	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4920 - 12060	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 15-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 4687	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6090 / 5751	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7260 / 6809	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8310 / 7768	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
8490 / 7925	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10020 / 9301	DEF AT -----	DEF AT 5
11640 / 10775	DEF AT -----	DEF AT 4
12060 / 11150	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 350	Date of Summary: 05-DEC-1989	First Sample Examined: 0
Lease Number: G04721	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11190
API Well Number: 427064008700	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 15-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 4687	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6090 / 5751	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7260 / 6809	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8390 / 7838	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 359	Date of Summary: 25-NOV-1987	First Sample Examined: 0
Lease Number: G08551	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8267
API Well Number: 427064019500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 30-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3839	POS AT Miocene	DEF AT 0
5850 / 5583	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8250 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 360	Date of Summary: 12-JUN-1990	First Sample Examined: 3600
Lease Number: G08552	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 9500
API Well Number: 427064026600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 3600 - 9500	Water Depth: 80
Public Info Code: Y 31-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4020 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4290 /	DEF AT -----	DEF AT 3
4520 /	DEF AT -----	DEF AT 2
4800 /	DEF AT -----	DEF AT 3
5250 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5940 /	DEF AT -----	DEF AT 4
6960 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
7260 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
7440 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
9030 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 360	Date of Summary: 26-JUN-1990	First Sample Examined: 0
Lease Number: G08552	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 427064026600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5250 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7260 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9030 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 362	Date of Summary: 30-JUN-1992	First Sample Examined: 0
Lease Number: G10248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6919
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6919
API Well Number: 427064032000	Drilling Operator: WACKER OIL INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	POS AT Upper (Late) Miocene	DEF AT 0
6190 / 6188	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 382	<b>Date of Summary:</b> 04-NOV-1991	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G09050	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7560
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 7560
<b>API Well Number:</b> 427064031100	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5000 - 7550	<b>Water Depth:</b> 91
<b>Public Info Code:</b> Y 31-OCT-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT 1
5001 / 5001	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
5510 / 5510	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
5590 / 5590	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
6170 / 6170	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6440 / 6440	DEF AT local marker foram increase	DEF AT 2
6530 / 6530	DEF AT faunal change (no faunal increase)	DEF AT 1
6770 / 6770	DEF AT local marker foram increase	DEF AT 2
6800 / 6800	DEF AT faunal change (no faunal increase)	DEF AT 1
7010 / 7010	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
7520 / 7520	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 382	Date of Summary: 25-MAR-1992	First Sample Examined: 0
Lease Number: G09050	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7777
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7777
API Well Number: 427064031300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 4400	POS AT Upper (Late) Miocene	DEF AT 0
6986 / 6986	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 385	<b>Date of Summary:</b> 06-FEB-1986	<b>First Sample Examined:</b> 6990
<b>Lease Number:</b> G08132	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13409
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12960
<b>API Well Number:</b> 427064013000	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6990 - 13409	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 31-OCT-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 / 6990	DEF AT first sample examined	DEF IN 3
7560 / 7560	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8520 / 8520	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11580 / 11309	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13409 / 12960	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 385	Date of Summary: 10-MAR-1986	First Sample Examined: 0
Lease Number: G08132	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13409
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12960
API Well Number: 427064013000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 31-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 / 7560	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8520 / 8520	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11580 / 11309	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 385	Date of Summary: 18-DEC-1989	First Sample Examined: 0
Lease Number: G08132	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8231
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8229
API Well Number: 427064024900	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 31-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5112 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5490 /	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 0
7889 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 390	<b>Date of Summary:</b> 07-MAY-1990	<b>First Sample Examined:</b> 1030
<b>Lease Number:</b> G07252	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8150
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7513
<b>API Well Number:</b> 427064026300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1030 - 8150	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 21-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	DEF AT first sample examined	DEF IN 2
1630 / 1630	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
2830 / 2830	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2890 / 2890	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
3040 / 3040	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3340 / 3338	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4600 / 4502	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5410 / 5183	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5560 / 5309	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6850 / 6407	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8150 / 7513	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 391	Date of Summary: 19-JAN-1982	First Sample Examined: 0
Lease Number: G03740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7288
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7288
API Well Number: 427064005000	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 06-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6500 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 391	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10200
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10200
API Well Number: 427064004800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 02-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	POS AT Pliocene	DEF AT 0
4300 /	POS AT Upper (Late) Miocene	DEF AT 0
4301 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4302 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6000 /	POS AT Middle Miocene	DEF AT 0
6001 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 391	Date of Summary: 19-JAN-1982	First Sample Examined: 0
Lease Number: G03740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7210
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5898
API Well Number: 427064006900	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 30-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 3498	POS AT Pliocene	DEF AT 0
5150 / 4283	POS AT Upper (Late) Miocene	DEF AT 0
6800 / 5495	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 391	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8250
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7172
API Well Number: 427064005200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 23-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3900 / 3541	POS AT Pliocene	DEF AT 0
5100 / 4457	POS AT Upper (Late) Miocene	DEF AT 0
5101 / 4457	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5102 / 4458	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6500 / 5574	POS AT Middle Miocene	DEF AT 0
6501 / 5575	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 391 <b>Lease Number:</b> G03740 <b>Well Name:</b> A004 <b>API Well Number:</b> 427064007700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-APR-1992	<b>Date of Summary:</b> 16-SEP-1982 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TENNECO OIL COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8700 <b>Borehole TVD:</b> 7252 <b>Rkb Elevation:</b> 110 <b>Water Depth:</b> 97 <b>Paleo ID:</b> 001
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Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5113 / 4413	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5631 / 4780	POS IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
6911 / 5676	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7769 / 6380	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8467 / 7035	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 391	Date of Summary: 05-JAN-1983	First Sample Examined: 0
Lease Number: G03740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8560
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5233
API Well Number: 427064007100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 24-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7525 / 4846	POS AT Upper (Late) Miocene	DEF AT 0
7526 / 4846	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7527 / 4847	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 391	Date of Summary: 16-SEP-1982	First Sample Examined: 0
Lease Number: G03740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7410
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6010
API Well Number: 427064007400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 13-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5166 / 4408	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5674 / 4772	POS IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
6890 / 5627	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 419	Date of Summary: 31-JUL-1992	First Sample Examined: 6000
Lease Number: G10249	Source of Paleo: OPERATOR	Borehole MD: 8851
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8851
API Well Number: 427064031700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 6000 - 8790	Water Depth: 96
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 7800=possible Brazos shale; 8130=definite Brazos shale

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT 1
6120 / 6120	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6420 / 6420	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
6810 / 6810	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
7800 / 7800	DEF AT Eggerella sp. (local marker)	DEF AT 1
7860 / 7860	DEF AT cement	DEF AT 0
8130 / 8130	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
8190 / 8190	DEF AT faunal change (no faunal increase)	DEF AT 3
8280 / 8280	DEF AT faunal change (no faunal increase)	DEF AT 2
8370 / 8370	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
8700 / 8700	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
8760 / 8760	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA 419	<b>Date of Summary:</b> 20-AUG-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10249	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8851
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8851
<b>API Well Number:</b> 427064031700	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 30-NOV-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 4010	POS AT Upper (Late) Miocene	DEF AT 0
8340 / 8340	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 421	Date of Summary: 04-NOV-1988	First Sample Examined: 0
Lease Number: G09052	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9145
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8580
API Well Number: 427064021800	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 21-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6935 / 6833	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9105 / 8550	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 422	Date of Summary: 09-MAY-1985	First Sample Examined: 0
Lease Number: G06114	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11550
API Well Number: 427064011600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5560 / 5220	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7000 / 6417	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7330 / 6685	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8740 / 7968	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10960 / 10176	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 424	Date of Summary: 12-JUN-1990	First Sample Examined: 0
Lease Number: G04186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8631
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7731
API Well Number: 427064026400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 01-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6175 / 6043	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 424	Date of Summary: 12-JUL-1985	First Sample Examined: 0
Lease Number: G04186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9101
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7942
API Well Number: 427064010300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 01-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2760 / 2760	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3030 / 3030	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
3660 / 3660	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
4110 / 4110	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
4470 / 4463	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4830 / 4796	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5650 / 5480	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7080 / 6499	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7500 / 6799	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 424	Date of Summary: 09-AUG-1990	First Sample Examined: 0
Lease Number: G04186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9632
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7602
API Well Number: 427064010301	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 01-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 5998	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA 461	Date of Summary: 01-FEB-1991	First Sample Examined: 0
Lease Number: G10251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 427064028200	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5350 / 5350	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6200 / 6200	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6750 / 6750	DEF AT local marker benthic foram increase	DEF AT 0
7150 / 7150	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7600 / 7600	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8300 / 8300	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10230 / 10229	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 55	Date of Summary: 16-AUG-1990	First Sample Examined: 4855
Lease Number: G10254	Source of Paleo: OPERATOR	Borehole MD: 10950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10599
API Well Number: 427064029000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4855 - 10950	Water Depth: 121
Public Info Code: Y 20-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4855 / 4541	DEF AT first sample examined	DEF AT 4
5350 / 5007	DEF AT faunal change (no faunal increase)	DEF AT 2
5650 / 5302	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6400 / 6049	DEF AT faunal change (no faunal increase)	DEF AT 3
6490 / 6139	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
6500 / 6149	DEF AT faunal change (no faunal increase)	DEF AT 2
6640 / 6289	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7450 / 7099	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7630 / 7279	DEF AT faunal change (no faunal increase)	DEF AT 3
7900 / 7549	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8950 / 8599	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10060 / 9709	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10180 / 9829	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
10550 / 10199	DEF AT faunal change (no faunal increase)	DEF AT 4
10630 / 10279	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10930 / 10579	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10950 / 10599	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 55	<b>Date of Summary:</b> 26-MAR-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10254	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10950
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10599
<b>API Well Number:</b> 427064029000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 121
<b>Public Info Code:</b> Y 20-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7549	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8950 / 8599	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
10060 / 9709	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 58	Date of Summary:	First Sample Examined: 5990
Lease Number: G06123	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 427064013200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Paleo from phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12000 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 58	Date of Summary: 20-MAY-1986	First Sample Examined: 0
Lease Number: G06123	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 427064013200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 /	POS AT Pliocene	DEF AT 0
6600 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 68	Date of Summary: 24-JUN-1988	First Sample Examined: 1020
Lease Number: G08554	Source of Paleo: OPERATOR	Borehole MD: 5606
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5045
API Well Number: 427064020800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 1020 - 5580	Water Depth: 133
Public Info Code: Y 04-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 / 1020	DEF AT first sample examined	DEF IN 2
1590 / 1590	DEF AT - - - - -	DEF AT 3
2250 / 2233	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3030 / 2913	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3060 / 2938	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3960 / 3678	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4410 / 4048	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5580 / 5026	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 68	Date of Summary: 28-JUN-1988	First Sample Examined: 0
Lease Number: G08554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5606
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5045
API Well Number: 427064020800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 04-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2250 / 2233	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3030 / 2913	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3060 / 2938	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
3960 / 3678	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4620 / 4223	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 74	<b>Date of Summary:</b> 17-MAR-1988	<b>First Sample Examined:</b> 800
<b>Lease Number:</b> G08137	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5000
<b>API Well Number:</b> 427064020200	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 800 - 5000	<b>Water Depth:</b> 136
<b>Public Info Code:</b> Y 13-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	DEF AT first sample examined	DEF IN 3
860 /	DEF AT -----	DEF AT 2
1010 /	DEF AT -----	DEF AT 3
1070 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2330 /	DEF AT -----	DEF AT 2
2930 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4130 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4820 /	DEF AT -----	DEF AT 4
4850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 93	Date of Summary: 04-MAR-1991	First Sample Examined: 0
Lease Number: G11337	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6499
API Well Number: 427064028900	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 18-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5700	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 96	Date of Summary: 18-SEP-1987	First Sample Examined: 0
Lease Number: G08139	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6080
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5970
API Well Number: 427064018600	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5756 / 5655	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 97	Date of Summary: 22-FEB-1990	First Sample Examined: 0
Lease Number: G07257	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5707
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5707
API Well Number: 427064013700	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 25-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5266 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 125	Date of Summary: 29-NOV-1990	First Sample Examined: 0
Lease Number: G09055	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5100
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5099
API Well Number: 427074009300	Drilling Operator: WAYMAN W BUCHANAN INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3825 / 3824	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4560 / 4559	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 127	Date of Summary: 19-JAN-1983	First Sample Examined: 3030
Lease Number: G04727	Source of Paleo: OPERATOR	Borehole MD: 7222
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7222
API Well Number: 427074006700	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 3030 - 7200	Water Depth: 159
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	POS IN first sample examined	DEF AT 2
3031 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6330 /	DEF AT local marker foram increase	DEF AT 4
6420 /	DEF AT -----	DEF AT 3
6607 /	POS AT Pliocene	DEF AT 4
6608 /	DEF AT pyrite	DEF AT 4
6960 /	DEF AT -----	DEF AT 5
7080 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
7081 /	DEF AT downdip deepwater facies	DEF AT 5
7200 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 127	<b>Date of Summary:</b> 03-NOV-1983	<b>First Sample Examined:</b> 3030
<b>Lease Number:</b> G04727	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 7222
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 7222
<b>API Well Number:</b> 427074006700	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3030 - 7200	<b>Water Depth:</b> 159
<b>Public Info Code:</b> Y 30-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 /	DEF AT first sample examined	DEF AT 1
3480 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6330 /	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6660 /	DEF AT local marker planktic foram increase	DEF AT 4
6690 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
6840 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7050 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7080 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7170 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 129	Date of Summary: 12-OCT-1990	First Sample Examined: 0
Lease Number: G10258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10614
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10482
API Well Number: 427074009200	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 23-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 4730	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
7700 / 7696	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 129	Date of Summary:	First Sample Examined: 0
Lease Number: G10258	Source of Paleo: OPERATOR	Borehole MD: 15110
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14118
API Well Number: 427074009201	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7430 / 7429	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9815 / 9544	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 129	Date of Summary:	First Sample Examined: 0
Lease Number: G10258	Source of Paleo: OPERATOR	Borehole MD: 15110
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14118
API Well Number: 427074009201	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 / 1400	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7115 / 7115	DEF AT -----	DEF AT 4
7400 / 7399	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7700 / 7693	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9065 / 8915	DEF AT -----	DEF AT 5
9125 / 8965	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
10295 / 9950	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
11870 / 11264	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11990 / 11366	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12530 / 11832	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
14405 / 13459	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 129	Date of Summary: 12-OCT-1990	First Sample Examined: 0
Lease Number: G10258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15110
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14118
API Well Number: 427074009201	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7715 / 7708	POS AT Upper (Late) Miocene	DEF AT 0
11990 / 11366	POS AT Middle Miocene	DEF AT 0
13852 / 12971	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
14390 / 13446	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02342	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3850
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3850
<b>API Well Number:</b> 427074000400	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 58
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 171
<b>Public Info Code:</b> Y 06-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT -----	DEF IN 2
1090 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1720 /	DEF AT -----	DEF AT 3
2590 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3010 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3850 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> GA A 131 <b>Lease Number:</b> G02342 <b>Well Name:</b> 002 <b>API Well Number:</b> 427074002300 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 06-MAY-1991</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6454 <b>Borehole TVD:</b> 6452 <b>Rkb Elevation:</b> 40 <b>Water Depth:</b> 174 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1174 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 131	Date of Summary:	First Sample Examined: 0
Lease Number: G02342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6020
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6020
API Well Number: 427074002600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 06-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2825 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5630 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b> 02-APR-1980	<b>First Sample Examined:</b> 1530
<b>Lease Number:</b> G02342	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6095
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4805
<b>API Well Number:</b> 427074004300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1530 - 6070	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 06-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1530 / 1525	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2370 / 2293	DEF AT -----	DEF AT 3
2400 / 2317	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2715 / 2562	DEF AT cement	DEF AT 0
3790 / 3266	DEF AT -----	DEF AT 2
4420 / 3667	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4960 / 4022	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5110 / 4123	DEF AT -----	DEF AT 2
6070 / 4788	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 131	Date of Summary: 30-SEP-1981	First Sample Examined: 0
Lease Number: G02342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6095
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4805
API Well Number: 427074004300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 06-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 4322	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b> 30-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02342	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6480
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4923
<b>API Well Number:</b> 427074005300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 06-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6220 / 4725	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 131	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6920
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4691
API Well Number: 427074005400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 06-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5536 / 4396	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 131	Date of Summary: 18-APR-1980	First Sample Examined: 1270
Lease Number: G02342	Source of Paleo: OPERATOR	Borehole MD: 6400
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4838
API Well Number: 427074005000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1270 - 6360	Water Depth: 178
Public Info Code: Y 06-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1270 / 1132	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1870 / 1547	DEF AT -----	DEF AT 3
2950 / 2289	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3340 / 2556	DEF AT sample gap top	DEF AT 0
3419 / 2610	DEF AT sample gap bottom	DEF AT 0
3420 / 2611	DEF AT cement	DEF AT 0
3810 / 2887	DEF AT -----	DEF AT 2
4530 / 3416	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5190 / 3913	DEF AT -----	DEF AT 2
6360 / 4807	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 131	Date of Summary: 30-SEP-1981	First Sample Examined: 0
Lease Number: G02342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6400
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4838
API Well Number: 427074005000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 06-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5056 / 3812	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 131	Date of Summary: 09-APR-1980	First Sample Examined: 2730
Lease Number: G02342	Source of Paleo: OPERATOR	Borehole MD: 6800
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4574
API Well Number: 427074005500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 2730 - 6780	Water Depth: 179
Public Info Code: Y 06-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2730 / 2170	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
3300 / 2581	DEF AT -----	DEF AT 2
4560 / 3450	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5040 / 3725	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5130 / 3774	DEF AT -----	DEF AT 2
6780 / 4659	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b> 07-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02342	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8905
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4939
<b>API Well Number:</b> 427074005900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 06-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8636 / 4805	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b> 30-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02342	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8905
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4939
<b>API Well Number:</b> 427074005900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 06-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8580 / 4778	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b> 30-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02342	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5500
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4757
<b>API Well Number:</b> 427074006000	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 06-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5097 / 4410	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 131	<b>Date of Summary:</b> 08-OCT-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04070	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7300
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4706
<b>API Well Number:</b> 427074005700	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 26-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6902 / 4459	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 139	Date of Summary: 19-OCT-1990	First Sample Examined: 0
Lease Number: G11341	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3200
API Well Number: 427074009400	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 26-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
903 / 903	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
1513 / 1513	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
2288 / 2288	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
2754 / 2754	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 142	Date of Summary: 29-DEC-1988	First Sample Examined: 5000
Lease Number: G06129	Source of Paleo: OPERATOR	Borehole MD: 17400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17394
API Well Number: 427074008800	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 99
Paleo Report Num: 1 of 3	Sample Range: 5000 - 17400	Water Depth: 151
Public Info Code: Y 26-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 3
6200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7250 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7490 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8060 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9680 /	DEF AT -----	DEF AT 4
10190 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10760 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12470 /	DEF AT -----	DEF AT 5
13220 /	DEF AT -----	DEF AT 6
13340 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
13610 /	DEF AT -----	DEF AT 5
14690 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
14810 /	DEF AT -----	DEF AT 6
17400 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 142	<b>Date of Summary:</b> 29-DEC-1988	<b>First Sample Examined:</b> 11990
<b>Lease Number:</b> G06129	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17400
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17394
<b>API Well Number:</b> 427074008800	<b>Drilling Operator:</b> DELMAR OPERATING INC PM	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 11990 - 17390	<b>Water Depth:</b> 151
<b>Public Info Code:</b> Y 26-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11990 /	DEF AT first sample examined	DEF AT 0
11991 /	DEF IN Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT 0
14150 /	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 0
17390 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 142	Date of Summary: 06-JAN-1989	First Sample Examined: 5000
Lease Number: G06129	Source of Paleo: OPERATOR	Borehole MD: 17400
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 17394
API Well Number: 427074008800	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 99
Paleo Report Num: 3 of 3	Sample Range: 5000 - 17400	Water Depth: 151
Public Info Code: Y 26-APR-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 0
5001 /	POS IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
5450 /	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
5990 /	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0
6440 /	DEF AT local marker floral increase	DEF AT 0
7100 /	DEF AT reworked material	DEF AT 0
7340 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
7760 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
8810 /	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
9620 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0
11270 /	DEF AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT 0
12110 /	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 0
13010 /	POS AT local marker floral decrease	DEF AT 0
17390 /	DEF IN Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 0
17400 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 162	Date of Summary: 26-MAY-1987	First Sample Examined: 0
Lease Number: G07260	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4648
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4648
API Well Number: 427074007700	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 179
Public Info Code: Y 29-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1481 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
2908 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3905 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 0
4487 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 192	Date of Summary: 07-JUN-1989	First Sample Examined: 0
Lease Number: G07262	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6699
API Well Number: 427074009000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6110 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 192	Date of Summary: 16-JUN-1989	First Sample Examined: 0
Lease Number: G07262	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6642
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6304
API Well Number: 427074009100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5520	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6445 / 6121	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GA A 218	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09063	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9392
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 427074008900	<b>Drilling Operator:</b> STANDARD OIL COMPANY OF TEXAS	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 268
<b>Public Info Code:</b> Y 30-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4680 / 4680	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
6450 / 6304	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7080 / 6706	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 218	Date of Summary:	First Sample Examined: 0
Lease Number: G09063	Source of Paleo: OPERATOR	Borehole MD: 8038
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7694
API Well Number: 427074008901	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6000 - 8040	Water Depth: 268
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6258	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7380 / 7099	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 224	Date of Summary: 21-JUN-1984	First Sample Examined: 0
Lease Number: G06131	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7200
API Well Number: 427074007000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 323
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3320 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4930 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GA A 224	Date of Summary: 01-JUL-1985	First Sample Examined: 0
Lease Number: G06131	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7200
API Well Number: 427074007000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 323
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1430 /	DEF AT -----	DEF AT 2
1580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1700 /	DEF AT -----	DEF AT 1
1910 /	DEF AT -----	DEF AT 2
3170 /	DEF AT -----	DEF AT 3
3320 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3380 /	DEF AT -----	DEF AT 2
3640 /	DEF AT -----	DEF AT 3
4930 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5590 /	DEF AT -----	DEF AT 2
5860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6370 /	DEF AT -----	DEF AT 1
6850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7200 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 28	Date of Summary: 13-MAY-1988	First Sample Examined: 0
Lease Number: G07432	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 608074004900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 442
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2295 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4767 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 68	Date of Summary: 10-AUG-1990	First Sample Examined: 0
Lease Number: G09198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7230
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7227
API Well Number: 608074006800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2100 - 7375	Water Depth: 1084
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2100	POS IN Pleistocene	DEF AT 0
7375 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 68	Date of Summary: 10-AUG-1990	First Sample Examined: 0
Lease Number: G09198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7230
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7227
API Well Number: 608074006800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1084
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7230 / 7224	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 72	Date of Summary: 08-OCT-1991	First Sample Examined: 1650
Lease Number: G07435	Source of Paleo: OPERATOR	Borehole MD: 7388
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6959
API Well Number: 608074003900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1650 - 7388	Water Depth: 520
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1650 / 1650	DEF AT first sample examined	DEF AT 3
1910 / 1910	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3050 / 3001	DEF AT faunal change (no faunal increase)	DEF AT 4
3170 / 3112	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3470 / 3388	DEF AT faunal change (no faunal increase)	DEF AT 3
6260 / 5947	DEF AT faunal change (no faunal increase)	DEF AT 4
7040 / 6650	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7360 / 6933	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 72	Date of Summary: 08-OCT-1991	First Sample Examined: 1600
Lease Number: G07435	Source of Paleo: OPERATOR	Borehole MD: 6265
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5832
API Well Number: 608074004200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1600 - 6920	Water Depth: 493
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1596	DEF AT first sample examined	DEF AT 3
1840 / 1833	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2980 / 2934	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3340 / 3259	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5869 / 5465	DEF AT faunal change (no faunal increase)	DEF AT 4
6920 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 72	<b>Date of Summary:</b> 08-OCT-1991	<b>First Sample Examined:</b> 1517
<b>Lease Number:</b> G07435	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6436
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6435
<b>API Well Number:</b> 608074004600	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1517 - 6450	<b>Water Depth:</b> 567
<b>Public Info Code:</b> Y 31-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1517 /	DEF AT first sample examined	DEF AT 3
1518 /	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2130 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
6240 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6420 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 72	<b>Date of Summary:</b> 08-OCT-1991	<b>First Sample Examined:</b> 4250
<b>Lease Number:</b> G07435	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6300
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6295
<b>API Well Number:</b> 608074004601	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4250 - 6300	<b>Water Depth:</b> 567
<b>Public Info Code:</b> Y 31-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 /	DEF AT first sample examined	DEF AT 3
6260 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6300 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 72	Date of Summary: 08-OCT-1991	First Sample Examined: 5000
Lease Number: G07435	Source of Paleo: OPERATOR	Borehole MD: 7257
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6904
API Well Number: 608074004602	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1520 - 7250	Water Depth: 567
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4814	DEF AT first sample examined	DEF AT 3
6500 / 6200	DEF AT faunal change (no faunal increase)	DEF AT 4
7230 / 6879	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 72	Date of Summary: 13-SEP-1989	First Sample Examined: 0
Lease Number: G07435	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6005
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5544
API Well Number: 608074006000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 493
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2770 / 2770	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 82	Date of Summary: 11-JUL-1988	First Sample Examined: 0
Lease Number: G06329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8600
API Well Number: 608074080400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 578
Public Info Code: Y 21-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3565 / 3466	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10340 / 7940	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 10-JUL-1987	First Sample Examined: 2500
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9098
API Well Number: 608074061400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 2500 - 9160	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 /	DEF AT first sample examined	DEF AT 0
4840 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9160 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 13-JUL-1987	First Sample Examined: 2500
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9098
API Well Number: 608074061400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 2500 - 9186	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT first sample examined	DEF IN 4
3070 /	DEF AT - - - - -	DEF AT 5
3100 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
4810 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5350 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8350 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9186 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 10-JUL-1987	First Sample Examined: 5070
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8724
API Well Number: 608074061401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 7	Sample Range: 5070 - 7530	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 005

Remark: Report=nannos=sidetrack 2; no nanno markers found

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 / 5070	DEF AT first sample examined	DEF AT 0
7530 / 7102	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 95	<b>Date of Summary:</b> 10-JUL-1987	<b>First Sample Examined:</b> 6270
<b>Lease Number:</b> G06332	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9877
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8724
<b>API Well Number:</b> 608074061401	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 7	<b>Sample Range:</b> 6270 - 9877	<b>Water Depth:</b> 478
<b>Public Info Code:</b> Y 25-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 007

Remark: Report=nannos=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6270 / 6195	DEF AT first sample examined	DEF AT 0
8070 / 7465	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9877 / 8725	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 13-JUL-1987	First Sample Examined: 8400
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8724
API Well Number: 608074061401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 3 of 7	Sample Range: 8400 - 9100	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 7701	DEF AT first sample examined	DEF IN 5
9100 / 8192	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 13-JUL-1987	First Sample Examined: 8400
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8724
API Well Number: 608074061401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 4 of 7	Sample Range: 8400 - 9100	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos=sidetrack 1; no nanno markers found

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 7701	DEF AT first sample examined	DEF AT 0
9100 / 8192	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 13-JUL-1987	First Sample Examined: 5070
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8724
API Well Number: 608074061401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 5 of 7	Sample Range: 5070 - 7530	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 / 5070	DEF AT first sample examined	DEF IN 5
5280 / 5279	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7530 / 7102	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 95	Date of Summary: 13-JUL-1987	First Sample Examined: 6270
Lease Number: G06332	Source of Paleo: OPERATOR	Borehole MD: 9877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8724
API Well Number: 608074061401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 6 of 7	Sample Range: 6270 - 9877	Water Depth: 478
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6270 / 6195	DEF IN first sample examined	DEF IN 5
6271 / 6196	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 5
9877 / 8725	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 95	<b>Date of Summary:</b> 20-JUL-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06332	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9877
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8724
<b>API Well Number:</b> 608074061401	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 7 of 7	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 478
<b>Public Info Code:</b> Y 25-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5280 / 5279	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8070 / 7465	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 96	Date of Summary: 25-JAN-1990	First Sample Examined: 2030
Lease Number: G06333	Source of Paleo: OPERATOR	Borehole MD: 10019
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10010
API Well Number: 608074061700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2030 - 10019	Water Depth: 554
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 /	DEF AT first sample examined	DEF IN 3
3260 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3290 /	DEF AT - - - - -	DEF AT 5
5030 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5420 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
10019 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 96	Date of Summary: 25-JAN-1990	First Sample Examined: 2030
Lease Number: G06333	Source of Paleo: OPERATOR	Borehole MD: 10019
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10010
API Well Number: 608074061700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2030 - 10019	Water Depth: 554
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 /	DEF AT first sample examined	DEF AT 0
3560 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4880 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
10019 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 110	Date of Summary: 03-JUL-1984	First Sample Examined: 1800
Lease Number: G06338	Source of Paleo: OPERATOR	Borehole MD: 7884
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7884
API Well Number: 608074002600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1800 - 7860	Water Depth: 656
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 /	DEF AT first sample examined	DEF IN 3
2130 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2310 /	DEF AT - - - - -	DEF AT 5
3330 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3420 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5790 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6630 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7260 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7680 /	DEF AT anhydrite	DEF AT 0
7860 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 110	Date of Summary: 24-JUN-1988	First Sample Examined: 0
Lease Number: G06338	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 608074005000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 150
Paleo Report Num: 1 of 1	Sample Range: 1780 - 11490	Water Depth: 645
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6300 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
10440 /	DEF AT anhydrite	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 119	Date of Summary: 19-FEB-1987	First Sample Examined: 0
Lease Number: G06340	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7743
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7598
API Well Number: 608074004400	Drilling Operator: CONOCO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 627
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4605 / 4605	POS IN Pleistocene	DEF AT 0
5480 / 5480	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5540 / 5540	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6800 / 6781	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7520 / 7420	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
7600 / 7485	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 128	Date of Summary:	First Sample Examined: 6300
Lease Number: G06331	Source of Paleo: OPERATOR	Borehole MD: 10526
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6930
API Well Number: 608074080200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 4050 - 10526	Water Depth: 646
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 4781	DEF AT first sample examined	DEF AT 2
8640 / 6055	DEF AT - - - - -	DEF AT 3
9900 / 6646	DEF AT anhydrite	DEF AT 0
10526 / 6940	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 128	Date of Summary: 03-MAY-1988	First Sample Examined: 6300
Lease Number: G06331	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10526
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6930
API Well Number: 608074080200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 646
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 6646	DEF AT anhydrite	DEF AT 0
10526 / 6940	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 139	Date of Summary: 13-JUN-1990	First Sample Examined: 2030
Lease Number: G06347	Source of Paleo: OPERATOR	Borehole MD: 11310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11305
API Well Number: 608074061900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 2030 - 9620	Water Depth: 647
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2030 / 2030	DEF AT first sample examined	DEF IN 2
3680 / 3680	DEF AT -----	DEF AT 3
3710 / 3710	DEF AT -----	DEF AT 4
3740 / 3740	DEF AT -----	DEF AT 5
3860 / 3860	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
5750 / 5750	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
9620 / 9616	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 139	Date of Summary: 13-JUN-1990	First Sample Examined: 9440
Lease Number: G06347	Source of Paleo: OPERATOR	Borehole MD: 11310
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11305
API Well Number: 608074061900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 3	Sample Range: 9440 - 11310	Water Depth: 647
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Redrill report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9440 / 9436	DEF AT first sample examined	DEF AT 5
9890 / 9886	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11310 / 11305	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 139	Date of Summary: 09-JUL-1990	First Sample Examined: 0
Lease Number: G06347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11310
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11305
API Well Number: 608074061900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 647
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5750 / 5750	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9890 / 9886	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 140	Date of Summary: 14-JUN-1989	First Sample Examined: 2132
Lease Number: G06348	Source of Paleo: OPERATOR	Borehole MD: 12625
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11803
API Well Number: 608074061600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2132 - 12630	Water Depth: 607
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2132 / 2132	DEF AT first sample examined	DEF IN 2
3030 / 3030	DEF AT -----	DEF AT 3
3420 / 3420	DEF AT -----	DEF AT 4
3480 / 3480	DEF AT -----	DEF AT 5
3510 / 3510	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
5520 / 5520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
10980 /10315	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12630 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 142	Date of Summary: 02-OCT-1990	First Sample Examined: 1800
Lease Number: G08217	Source of Paleo: OPERATOR	Borehole MD: 12400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10166
API Well Number: 608074062100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1800 - 12400	Water Depth: 550
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT first sample examined	DEF IN 2
2670 / 2670	DEF AT -----	DEF AT 3
2700 / 2700	DEF AT -----	DEF AT 4
3300 / 3300	DEF AT -----	DEF AT 5
3990 / 3990	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5190 / 5166	DEF AT -----	DEF AT 4
6210 / 5975	DEF AT -----	DEF AT 3
7290 / 6707	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7440 / 6809	DEF AT -----	DEF AT 4
10290 / 8724	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
11400 / 9474	DEF AT -----	DEF AT 5
12210 / 10031	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12400 / 10164	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 161	Date of Summary: 12-FEB-1988	First Sample Examined: 0
Lease Number: G07443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11718
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11149
API Well Number: 608074004701	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1026
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4170 / 4170	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9220 / 8773	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11290 /10732	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11320 /10760	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11440 /10873	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11620 /11044	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
11740 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 19-APR-1985	First Sample Examined: 1670
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 10597
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10594
API Well Number: 608074080100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 4	Sample Range: 1670 - 9980	Water Depth: 670
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1670 / 1670	DEF AT first sample examined	DEF IN 3
2580 / 2580	DEF AT -----	DEF AT 4
2610 / 2610	DEF AT -----	DEF AT 5
2790 / 2790	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
3360 / 3360	DEF AT -----	DEF AT 4
3780 / 3780	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
3840 / 3840	DEF AT -----	DEF AT 5
4700 / 4700	DEF AT local marker foram decrease	DEF AT 5
7050 / 7049	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7140 / 7139	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7260 / 7259	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7500 / 7499	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7620 / 7619	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8040 / 8039	DEF AT anhydrite	DEF AT 0
8220 / 8219	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8280 / 8278	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8310 / 8308	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
8340 / 8338	DEF AT local marker deep water fauna	DEF AT 6
8430 / 8428	DEF AT anhydrite	DEF AT 0
9210 / 9208	DEF AT out-of-place section	DEF AT 0
9270 / 9268	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 6
9630 / 9628	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 171	<b>Date of Summary:</b> 19-APR-1985	<b>First Sample Examined:</b> 1670
<b>Lease Number:</b> G06353	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10597
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10594
<b>API Well Number:</b> 608074080100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 1670 - 9980	<b>Water Depth:</b> 670
<b>Public Info Code:</b> Y 22-FEB-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9870 / 9868	POS IN Lower Pleistocene	DEF AT 5
9980 / 9978	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 19-APR-1985	First Sample Examined: 9300
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 10597
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10594
API Well Number: 608074080100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 4	Sample Range: 9300 - 10225	Water Depth: 670
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 9298	DEF AT first sample examined	DEF AT 5
9420 / 9418	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9630 / 9628	DEF AT local marker deep water fauna	DEF IN 6
9660 / 9658	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
9870 / 9868	DEF AT out-of-place section	DEF AT 5
10225 /10223	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 19-APR-1985	First Sample Examined: 10000
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 10597
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10594
API Well Number: 608074080100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 3 of 4	Sample Range: 10000 - 10560	Water Depth: 670
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9998	DEF AT first sample examined	DEF AT
10050 /10048	POS IN Pleistocene	DEF AT
10140 /10138	DEF AT faunal change (no faunal increase)	DEF IN 5
10170 /10168	POS AT faunal change (no faunal increase)	DEF AT 5
10560 /10557	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 24-JUN-1985	First Sample Examined: 5520
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 10597
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10594
API Well Number: 608074080100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 4 of 4	Sample Range: 5520 - 10530	Water Depth: 670
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 / 5519	POS AT first sample examined	DEF AT 0
5521 / 5520	DEF AT local marker floral decrease	DEF AT 0
5970 / 5969	DEF AT local marker floral decrease	DEF AT 0
6000 / 5999	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 0
7410 / 7409	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7620 / 7619	DEF AT unconformity	DEF AT 0
7621 / 7620	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7650 / 7649	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7950 / 7949	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
8010 / 8009	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
8500 / 8498	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8501 / 8499	DEF AT unconformity	DEF AT 0
8730 / 8728	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
9270 / 9268	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 0
9510 / 9508	POS AT Middle Miocene (Langhian) Discoaster deflandrei (increase)	DEF AT 0
10531 / 10528	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 19-SEP-1989	First Sample Examined: 2150
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 9326
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8267
API Well Number: 608074080500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 3	Sample Range: 2150 - 9320	Water Depth: 907
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2150 / 2150	DEF IN first sample examined	POS IN 4
2151 / 2151	DEF IN cement	POS IN 4
2180 / 2180	DEF AT faunal change (no faunal increase)	DEF IN 4
2720 / 2715	DEF AT faunal change (no faunal increase)	DEF AT 5
2840 / 2832	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
4100 / 3941	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
4460 / 4244	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4550 / 4319	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9320 / 8262	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 01-DEC-1989	First Sample Examined: 2150
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 9326
Well Name: 002	Paleo Done By: MICRO-STRAT	Borehole TVD: 8267
API Well Number: 608074080500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 2 of 3	Sample Range: 2150 - 9230	Water Depth: 907
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2150 / 2150	DEF AT first sample examined	DEF AT 0
2900 / 2891	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
9170 / 8137	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 171	Date of Summary: 01-DEC-1989	First Sample Examined: 2150
Lease Number: G06353	Source of Paleo: OPERATOR	Borehole MD: 9326
Well Name: 002	Paleo Done By: MICRO-STRAT	Borehole TVD: 8267
API Well Number: 608074080500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 3 of 3	Sample Range: 2150 - 9170	Water Depth: 907
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2150 / 2150	DEF AT first sample examined	DEF AT 4
4070 / 3916	DEF AT faunal change (no faunal increase)	DEF AT 5
4130 / 3966	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
8750 / 7788	POS IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9170 / 8137	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 177	<b>Date of Summary:</b> 07-NOV-1985	<b>First Sample Examined:</b> 1700
<b>Lease Number:</b> G06355	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8500
<b>API Well Number:</b> 608074061100	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1700 - 8500	<b>Water Depth:</b> 611
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1700 /	DEF AT first sample examined	DEF IN 4
2120 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2330 /	DEF AT - - - - -	DEF AT 5
4820 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7640 /	POS AT reworked material	DEF AT 5
8120 /	POS IN reworked material	DEF AT 0
8500 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 177	Date of Summary: 18-DEC-1985	First Sample Examined: 0
Lease Number: G06355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 608074061100	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 611
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4820 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7130 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 178	Date of Summary:	First Sample Examined: 1810
Lease Number: G06356	Source of Paleo: OPERATOR	Borehole MD: 8591
Well Name: 002	Paleo Done By: MICRO-STRAT	Borehole TVD: 8591
API Well Number: 608074061000	Drilling Operator: CONOCO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 1810 - 8590	Water Depth: 660
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1810 /	DEF AT first sample examined	DEF AT 4
1811 /	DEF AT Wisconsin fauna (local marker)	DEF AT 4
2290 /	DEF AT faunal change (no faunal increase)	DEF AT 5
2830 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3700 /	DEF AT Illinoian fauna (local marker)	DEF AT 5
4600 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4900 /	DEF AT sample gap top	POS AT 5
5770 /	DEF AT sample gap bottom	DEF AT 5
6010 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
7020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
8010 /	DEF AT Aftonian fauna (local marker)	DEF AT 5
8011 /	POS AT fault	DEF AT 5
8012 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 5
8190 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
8590 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 178	Date of Summary: 06-AUG-1985	First Sample Examined: 1810
Lease Number: G06356	Source of Paleo: OPERATOR	Borehole MD: 8591
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8591
API Well Number: 608074061000	Drilling Operator: CONOCO INC	Rkb Elevation: 89
Paleo Report Num: 2 of 3	Sample Range: 1810 - 8560	Water Depth: 660
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1810 /	DEF AT first sample examined	DEF AT 2
2590 /	DEF AT local marker foram increase	DEF AT 3
2650 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
3250 /	DEF AT cement	POS AT 3
3430 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4330 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4930 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5080 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5350 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
5740 /	DEF AT sample gap top	POS AT 3
7440 /	DEF AT sample gap bottom	DEF AT 2
8220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8560 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 178	Date of Summary: 06-AUG-1985	First Sample Examined: 1810
Lease Number: G06356	Source of Paleo: OPERATOR	Borehole MD: 8591
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8591
API Well Number: 608074061000	Drilling Operator: CONOCO INC	Rkb Elevation: 89
Paleo Report Num: 3 of 3	Sample Range: 1810 - 8560	Water Depth: 660
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1810 /	DEF AT first sample examined	DEF AT 0
2650 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5350 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
5740 /	DEF AT sample gap top	DEF AT 0
7440 /	DEF AT sample gap bottom	DEF AT 0
8560 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 186	Date of Summary: 18-NOV-1986	First Sample Examined: 2000
Lease Number: G08220	Source of Paleo: OPERATOR	Borehole MD: 8661
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7321
API Well Number: 608074061300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 2000 - 8660	Water Depth: 649
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1999	DEF AT first sample examined	DEF AT 1
2570 / 2543	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2750 / 2703	DEF AT faunal change (no faunal increase)	DEF AT 1
3350 / 3188	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3500 / 3302	DEF AT cement	POS AT 3
3950 / 3631	DEF AT faunal change (no faunal increase)	DEF AT 1
4250 / 3847	DEF AT local marker benthic foram increase	DEF AT 3
4400 / 3956	DEF AT cement	DEF AT 3
4640 / 4133	DEF AT faunal change (no faunal increase)	DEF AT 4
4760 / 4222	DEF AT floral flood	DEF AT 4
5210 / 4566	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6710 / 5751	DEF AT out-of-place section	DEF AT 4
7220 / 6162	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 4
7610 / 6479	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8000 / 6794	DEF AT cement	POS AT 4
8300 / 7034	DEF AT faunal change (no faunal increase)	DEF IN 2
8660 / 7322	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 186	<b>Date of Summary:</b> 18-NOV-1986	<b>First Sample Examined:</b> 2000
<b>Lease Number:</b> G08220	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8661
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7321
<b>API Well Number:</b> 608074061300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 2000 - 8660	<b>Water Depth:</b> 649
<b>Public Info Code:</b> Y 30-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1999	DEF AT first sample examined	DEF AT 1
3440 / 3257	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4760 / 4222	DEF AT floral flood	DEF AT 0
6740 / 5775	DEF AT out-of-place section	DEF AT 0
7220 / 6162	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 0
8630 / 7298	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 186	Date of Summary: 17-APR-1990	First Sample Examined: 2000
Lease Number: G08220	Source of Paleo: OPERATOR	Borehole MD: 8661
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7321
API Well Number: 608074061300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 89
Paleo Report Num: 3 of 3	Sample Range: 2000 - 8660	Water Depth: 649
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1999	DEF AT first sample examined	DEF AT 1
2570 / 2543	DEF AT faunal change (no faunal increase)	DEF AT 2
2990 / 2904	DEF AT faunal change (no faunal increase)	DEF AT 1
3380 / 3211	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3440 / 3257	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3890 / 3588	DEF AT faunal change (no faunal increase)	DEF AT 2
4280 / 3869	DEF AT faunal change (no faunal increase)	DEF AT 4
5210 / 4566	DEF AT faunal change (no faunal increase)	DEF IN 4
5330 / 4660	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
5660 / 4917	DEF AT faunal change (no faunal increase)	DEF AT 4
6710 / 5751	DEF AT faunal change (no faunal increase)	DEF AT 5
7280 / 6211	DEF AT faunal change (no faunal increase)	DEF AT 4
7610 / 6479	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
7760 / 6600	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
8450 / 7154	DEF AT faunal change (no faunal increase)	DEF IN 4
8660 / 7322	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 197	Date of Summary: 04-OCT-1990	First Sample Examined: 2530
Lease Number: G07447	Source of Paleo: OPERATOR	Borehole MD: 12350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12344
API Well Number: 608074007700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 2350 - 12350	Water Depth: 587
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 / 2350	DEF AT first sample examined	DEF IN 4
2590 / 2590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3880 / 3880	DEF AT - - - - -	DEF AT 5
3970 / 3970	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5170 / 5170	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6400 / 6400	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8560 / 8559	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11020 / 11017	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12350 / 12345	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 197	Date of Summary: 04-OCT-1990	First Sample Examined: 2350
Lease Number: G07447	Source of Paleo: OPERATOR	Borehole MD: 12350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12344
API Well Number: 608074007700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 2350 - 12350	Water Depth: 587
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 / 2350	DEF AT first sample examined	DEF AT 0
2980 / 2980	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
3880 / 3880	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
5170 / 5170	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
6400 / 6400	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6940 / 6940	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8650 / 8649	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9820 / 9819	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri (increase)	DEF AT 0
11020 / 11017	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
12190 / 12185	POS AT Lower Pliocene (Zanclian) Discoaster surculus (acme)	DEF AT 0
12350 / 12345	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 197	Date of Summary: 05-NOV-1990	First Sample Examined: 0
Lease Number: G07447	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12344
API Well Number: 608074007700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 587
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 / 2350	POS IN Pleistocene	DEF AT 0
11020 / 11017	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 225	Date of Summary: 17-JAN-1985	First Sample Examined: 1870
Lease Number: G06365	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15000
API Well Number: 608074060300	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 1870 - 15000	Water Depth: 784
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1870 /	DEF AT first sample examined	DEF IN 4
2260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2290 /	DEF AT -----	DEF AT 5
2560 /	DEF AT -----	DEF AT 6
2950 /	DEF AT -----	DEF AT 5
6960 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7680 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
11580 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11581 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12840 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 225	<b>Date of Summary:</b> 01-MAR-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06365	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15000
<b>API Well Number:</b> 608074060300	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 784
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 231	Date of Summary: 09-SEP-1990	First Sample Examined: 4610
Lease Number: G08225	Source of Paleo: OPERATOR	Borehole MD: 12142
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11367
API Well Number: 608074062300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 4610 - 12060	Water Depth: 675
Public Info Code: Y 27-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4460	DEF AT first sample examined	DEF AT 4
4611 / 4461	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
4880 / 4705	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
4930 / 4750	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5660 / 5415	DEF AT local marker planktic foram increase	DEF AT 4
5960 / 5689	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6080 / 5798	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6140 / 5852	DEF AT local marker (general)	DEF AT 4
6530 / 6205	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6560 / 6233	DEF AT sample gap top	DEF AT 4
6709 / 6367	DEF AT sample gap bottom	DEF AT 4
6710 / 6368	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
6800 / 6448	DEF AT local marker (general)	DEF AT 4
6950 / 6582	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
7190 / 6797	DEF AT local marker planktic foram increase	DEF AT 4
7250 / 6851	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
7280 / 6878	DEF AT faunal change (no faunal increase)	DEF AT 5
7310 / 6904	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
7370 / 6958	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
7460 / 7038	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
7610 / 7172	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
7640 / 7199	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 231	<b>Date of Summary:</b> 09-SEP-1990	<b>First Sample Examined:</b> 4610
<b>Lease Number:</b> G08225	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12142
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11367
<b>API Well Number:</b> 608074062300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4610 - 12060	<b>Water Depth:</b> 675
<b>Public Info Code:</b> Y 27-SEP-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7940 / 7465	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
8390 / 7864	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
8600 / 8050	DEF AT local marker planktic foram increase	DEF AT 5
9890 / 9197	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
12060 / 11286	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 231	Date of Summary: 25-SEP-1990	First Sample Examined: 4610
Lease Number: G08225	Source of Paleo: OPERATOR	Borehole MD: 12142
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11367
API Well Number: 608074062300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 4610 - 12060	Water Depth: 675
Public Info Code: Y 27-SEP-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4460	DEF AT first sample examined	DEF AT 0
4700 / 4542	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
4850 / 4678	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 0
6140 / 5852	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
6740 / 6394	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
6770 / 6421	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
6800 / 6448	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
6830 / 6475	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 0
6860 / 6502	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 0
7010 / 6636	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
7160 / 6770	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
7220 / 6824	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT 0
7580 / 7145	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0
7790 / 7332	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 0
8120 / 7625	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT 0
8630 / 8076	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT 0
8810 / 8235	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT 0
9260 / 8634	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT 0
9380 / 8741	DEF IN Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT 0
11600 / 10830	DEF AT Lower Miocene (Aquitanian) Helicosphaera recta	DEF AT 0
12060 / 11286	DEF AT last sample examined	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 232	Date of Summary: 22-MAY-1991	First Sample Examined: 0
Lease Number: G07452	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2040
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2040
API Well Number: 608074062600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 705
Public Info Code: Y 09-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 4680	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8100 / 8100	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 236	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02632	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8900
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4638
API Well Number: 608074001400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 685
Public Info Code: Y 10-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 3790	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 236	Date of Summary: 30-NOV-1982	First Sample Examined: 0
Lease Number: G02812	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12150
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5071
API Well Number: 608074001200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 685
Public Info Code: Y 05-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 3963	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 236	Date of Summary: 24-NOV-1999	First Sample Examined: 0
Lease Number: G02812	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13123
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 4931
API Well Number: 608074002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 685
Public Info Code: Y 12-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9910 / 4067	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 236	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G03301	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7208
API Well Number: 608074001300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 685
Public Info Code: Y 23-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 4028	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 236	Date of Summary: 15-APR-1982	First Sample Examined: 0
Lease Number: G03301	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9977
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4766
API Well Number: 608074002000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 685
Public Info Code: Y 27-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 / 4020	POS AT Upper Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 236	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G03301	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5313
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 608074001800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 685
Public Info Code: Y 12-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4462	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 237	Date of Summary:	First Sample Examined: 0
Lease Number: G02812	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6481
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6481
API Well Number: 608074000900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 680
Public Info Code: Y 16-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3950	POS IN Upper Pleistocene	DEF AT 0
3951 / 3951	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 268	Date of Summary: 31-JUL-1985	First Sample Examined: 0
Lease Number: G07465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9566
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9565
API Well Number: 608074060800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 975
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5310 / 5310	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6870 / 6870	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 268	Date of Summary: 03-SEP-1985	First Sample Examined: 0
Lease Number: G07465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10287
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9615
API Well Number: 608074060801	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 975
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 / 8344	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10230 / 9267	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 273	Date of Summary: 10-MAR-1986	First Sample Examined: 1990
Lease Number: G06369	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 608074061200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 5	Sample Range: 1990 - 14610	Water Depth: 735
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
1990 /	DEF AT first sample examined	DEF AT 0
3430 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3760 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4030 /	POS AT gouge	DEF AT 0
7480 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10690 /	DEF AT gouge	DEF AT 0
10960 /	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
11230 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
13890 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
14610 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 273	Date of Summary: 10-MAR-1986	First Sample Examined: 14670
Lease Number: G06369	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 608074061200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 5	Sample Range: 14670 - 15500	Water Depth: 735
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14670 /	DEF AT first sample examined	DEF AT 0
14760 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
15500 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 273	Date of Summary: 10-MAR-1986	First Sample Examined: 1990
Lease Number: G06369	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 608074061200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 87
Paleo Report Num: 3 of 5	Sample Range: 1990 - 14610	Water Depth: 735
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1990 /	DEF AT first sample examined	DEF IN 3
2800 /	DEF AT - - - - -	DEF AT 4
3040 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3070 /	POS AT - - - - -	POS AT 5
3700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 5
3970 /	DEF AT gouge	DEF AT 6
3971 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
6370 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
10630 /	DEF AT gouge	POS AT 6
10631 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	POS AT 6
10960 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 6
14610 /	DEF AT last sample examined	POS AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 273	<b>Date of Summary:</b> 10-MAR-1986	<b>First Sample Examined:</b> 14310
<b>Lease Number:</b> G06369	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15488
<b>API Well Number:</b> 608074061200	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 4 of 5	<b>Sample Range:</b> 14310 - 15500	<b>Water Depth:</b> 735
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 005

**Remark:** Report=sidetrack 1; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14310 /	DEF AT first sample examined	DEF IN 5
15500 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 273	Date of Summary: 17-APR-1986	First Sample Examined: 0
Lease Number: G06369	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15488
API Well Number: 608074061200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 87
Paleo Report Num: 5 of 5	Sample Range: 0 - 0	Water Depth: 735
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 3970=sheath material

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3970 /	DEF AT local marker (general)	DEF AT 0
7480 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
14255 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 295	Date of Summary: 19-AUG-1994	First Sample Examined: 2270
Lease Number: G09222	Source of Paleo: OPERATOR	Borehole MD: 8490
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8387
API Well Number: 608074008500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2270 - 8480	Water Depth: 1125
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report; species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2270 / 2270	DEF AT first sample examined	DEF AT 0
2300 / 2300	DEF AT reworked material	DEF AT 2
2330 / 2330	DEF AT faunal change (no faunal increase)	DEF AT 3
2360 / 2360	DEF AT faunal change (no faunal increase)	DEF AT 2
2450 / 2450	DEF AT faunal change (no faunal increase)	DEF AT 3
2480 / 2480	DEF AT sample gap top	DEF AT 0
3859 / 3859	DEF AT sample gap bottom	DEF AT 0
3860 / 3860	DEF AT faunal change (no faunal increase)	DEF AT 4
4130 / 4130	DEF AT local marker foram increase	DEF AT 5
4160 / 4160	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4220 / 4220	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
4430 / 4430	DEF AT local marker foram increase	DEF AT 5
4670 / 4670	DEF AT local marker foram increase	DEF AT 5
4970 / 4970	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
5060 / 5060	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 5
5210 / 5210	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
5540 / 5540	DEF AT local marker foram increase	DEF AT 5
5810 / 5810	DEF AT local marker foram increase	DEF AT 5
6050 / 6050	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6170 / 6170	DEF AT local marker foram increase	DEF AT 5
6230 / 6230	DEF AT faunal change (no faunal increase)	DEF IN 5
6260 / 6260	DEF AT faunal change (no faunal increase)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 295	Date of Summary: 19-AUG-1994	First Sample Examined: 2270
Lease Number: G09222	Source of Paleo: OPERATOR	Borehole MD: 8490
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8387
API Well Number: 608074008500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2270 - 8480	Water Depth: 1125
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6380 / 6380	DEF AT local marker foram increase	DEF AT 5
6500 / 6500	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6875 / 6875	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
7790 / 7775	DEF AT faunal change (no faunal increase)	DEF AT 4
7910 / 7887	DEF AT faunal change (no faunal increase)	DEF AT 5
8150 / 8101	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 5
8480 /	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
8481 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 300	Date of Summary: 03-NOV-1989	First Sample Examined: 3070
Lease Number: G07472	Source of Paleo: OPERATOR	Borehole MD: 11409
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11409
API Well Number: 608074006100	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 3070 - 11410	Water Depth: 1550
Public Info Code: Y 05-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3070 /	DEF AT first sample examined	DEF IN 4
3160 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3550 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4510 /	DEF AT sample gap top	POS AT 5
4599 /	DEF AT sample gap bottom	DEF AT 5
4600 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8320 /	DEF AT faunal change (no faunal increase)	DEF IN 5
8410 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
11410 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 300	Date of Summary: 03-NOV-1989	First Sample Examined: 3070
Lease Number: G07472	Source of Paleo: OPERATOR	Borehole MD: 11409
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11409
API Well Number: 608074006100	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 3070 - 11410	Water Depth: 1550
Public Info Code: Y 05-MAY-1990	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 /	DEF AT first sample examined	DEF AT 0
3160 /	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3610 /	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
8440 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10510 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
11410 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 343	Date of Summary:	First Sample Examined: 3000
Lease Number: G07476	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 608074006300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 1719
Public Info Code: Y 16-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT 3
4080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6780 /	DEF AT -----	DEF AT 4
7320 /	DEF AT -----	DEF AT 3
7800 /	DEF AT -----	DEF AT 0
8310 /	DEF AT -----	DEF AT 4
8460 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 343	Date of Summary: 05-DEC-1989	First Sample Examined: 0
Lease Number: G07476	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 608074006300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3000 - 8500	Water Depth: 1719
Public Info Code: Y 16-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8460 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 359	Date of Summary: 04-FEB-1986	First Sample Examined: 2596
Lease Number: G07477	Source of Paleo: OPERATOR	Borehole MD: 15812
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15801
API Well Number: 608074060700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 2596 - 15812	Water Depth: 1294
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2596 / 2596	DEF AT first sample examined	DEF AT 2
3860 / 3860	DEF AT -----	DEF AT 5
3980 / 3980	DEF AT -----	DEF AT 4
8240 / 8239	DEF AT -----	DEF AT 2
9350 / 9349	DEF AT -----	DEF AT 4
10130 /10129	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
10700 /10699	DEF AT -----	DEF AT 5
10790 /10789	DEF AT -----	DEF AT 3
11180 /11179	DEF AT -----	DEF AT 4
15812 /15801	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 369	Date of Summary: 28-MAY-1986	First Sample Examined: 2100
Lease Number: G07480	Source of Paleo: OPERATOR	Borehole MD: 13731
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13144
API Well Number: 608074003800	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 6	Sample Range: 2100 - 12350	Water Depth: 955
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2100	DEF AT first sample examined	DEF AT 0
2880 / 2880	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
8930 / 8921	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
12350 / 11970	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 369	Date of Summary: 28-MAY-1986	First Sample Examined: 2100
Lease Number: G07480	Source of Paleo: OPERATOR	Borehole MD: 13731
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13144
API Well Number: 608074003800	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 2 of 6	Sample Range: 2100 - 12350	Water Depth: 955
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2100	DEF AT first sample examined	DEF AT
2101 / 2101	DEF AT cement	DEF AT
2640 / 2640	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2880 / 2880	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
6350 / 6350	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6680 / 6680	DEF AT faunal change (no faunal increase)	DEF AT 2
7550 / 7549	DEF AT faunal change (no faunal increase)	DEF AT 1
8120 / 8119	DEF AT faunal change (no faunal increase)	DEF AT 3
8930 / 8921	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 1
8960 / 8950	DEF AT faunal change (no faunal increase)	DEF AT 1
9770 / 9717	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
10400 / 10269	DEF AT faunal change (no faunal increase)	DEF AT 1
12200 / 11840	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
12350 / 11970	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 369	Date of Summary: 28-MAY-1986	First Sample Examined: 10744
Lease Number: G07480	Source of Paleo: OPERATOR	Borehole MD: 13731
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13144
API Well Number: 608074003800	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 3 of 6	Sample Range: 10744 - 13730	Water Depth: 955
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=nannos=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10744 /10567	DEF AT first sample examined	DEF AT 0
13160 /12656	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
13280 /12758	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
13400 /12860	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
13730 /13144	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 369	Date of Summary: 28-MAY-1986	First Sample Examined: 10744
Lease Number: G07480	Source of Paleo: OPERATOR	Borehole MD: 13731
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13144
API Well Number: 608074003800	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 4 of 6	Sample Range: 10744 - 13730	Water Depth: 955
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Consultant-integrated foram and nanno report for sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10744 /10567	DEF AT first sample examined	POS AT 1
10745 /10568	DEF AT cement	POS AT 1
10850 /10660	DEF AT faunal change (no faunal increase)	DEF AT 1
12169 /11813	DEF AT Bathysiphon fauna	DEF AT 1
12170 /11814	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
12200 /11840	DEF AT faunal change (no faunal increase)	DEF AT 2
12650 /12225	DEF AT faunal change (no faunal increase)	DEF AT 3
13160 /12656	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 3
13280 /12758	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
13400 /12860	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 3
13430 /12886	DEF AT gypsum	DEF AT 3
13431 /12886	DEF AT salt	DEF AT 3
13730 /13144	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 369	Date of Summary: 10-APR-1989	First Sample Examined: 2100
Lease Number: G07480	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13731
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 13144
API Well Number: 608074003800	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 5 of 6	Sample Range: 2100 - 12350	Water Depth: 955
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2100	DEF AT first sample examined	POS AT 2
2101 / 2101	DEF AT cement	POS AT 2
2310 / 2310	DEF AT gray shale	DEF AT 2
2640 / 2640	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2790 / 2790	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3030 / 3030	DEF AT local marker planktic foram increase	DEF AT 4
3569 / 3569	DEF AT gray shale	DEF AT 5
3570 / 3570	DEF AT local marker planktic foram increase	DEF AT 5
4140 / 4140	DEF AT sample gap top	POS AT 5
4200 / 4200	DEF AT sample gap bottom	DEF AT 5
4230 / 4230	DEF AT cement	DEF AT 5
4340 / 4340	DEF AT local marker foram increase	DEF AT 5
5030 / 5030	DEF AT local marker planktic foram increase	DEF AT 5
5510 / 5510	DEF AT local marker foram decrease	POS AT 4
6080 / 6080	DEF AT faunal change (no faunal increase)	DEF AT 4
6350 / 6350	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
6680 / 6680	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6860 / 6860	DEF AT sand	DEF AT 4
7280 / 7279	DEF AT faunal change (no faunal increase)	DEF AT 5
7550 / 7549	DEF AT drilling material	POS AT 5
7580 / 7579	DEF AT cement	POS AT 5
7670 / 7669	DEF AT gray shale	POS AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 369	<b>Date of Summary:</b> 10-APR-1989	<b>First Sample Examined:</b> 2100
<b>Lease Number:</b> G07480	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 13731
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ROBERT WITROCK	<b>Borehole TVD:</b> 13144
<b>API Well Number:</b> 608074003800	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 5 of 6	<b>Sample Range:</b> 2100 - 12350	<b>Water Depth:</b> 955
<b>Public Info Code:</b> Y 30-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 006

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8180 / 8179	DEF AT faunal change (no faunal increase)	DEF AT 4
8539 / 8538	DEF AT gray shale	DEF AT 4
8540 / 8539	DEF AT local marker planktic foram increase	DEF AT 4
8600 / 8598	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
8900 / 8892	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9770 / 9717	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10070 / 9985	DEF AT gray shale	DEF AT 5
10670 /10503	DEF AT cement	DEF AT 0
12200 /11840	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	POS AT 5
12350 /11970	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 369	Date of Summary: 28-APR-1989	First Sample Examined: 10744
Lease Number: G07480	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13731
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 13144
API Well Number: 608074003800	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 6 of 6	Sample Range: 10744 - 13730	Water Depth: 955
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 007

Remark: Report=sidetrack 1

MD / TVD	Paleo Top Description	Ecozone
10744 /10567	DEF AT first sample examined	DEF AT
10745 /10568	DEF AT cement	DEF AT
11630 /11342	DEF AT gray shale	DEF AT
12619 /12199	DEF AT drilling material	DEF AT 5
12620 /12200	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12680 /12251	DEF AT local marker foram decrease	POS AT 5
13070 /12580	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13250 /12733	DEF AT drilling material	DEF AT 5
13430 /12886	DEF AT gypsum	DEF AT 5
13610 /13040	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
13730 /13144	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 378	Date of Summary: 29-NOV-1989	First Sample Examined: 3850
Lease Number: G08229	Source of Paleo: OPERATOR	Borehole MD: 11695
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11343
API Well Number: 608074005800	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 3	Sample Range: 3850 - 11560	Water Depth: 1840
Public Info Code: Y 29-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report; 8290=Discoaster japonica

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3850 / 3849	DEF AT first sample examined	POS AT 2
3851 / 3850	DEF AT cement	POS AT 2
3970 / 3969	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 2
4720 / 4719	DEF AT faunal change (no faunal increase)	DEF AT 3
4780 / 4779	POS AT out-of-place section	DEF AT 3
4960 / 4959	DEF AT faunal change (no faunal increase)	DEF AT 2
6160 / 6128	DEF AT faunal change (no faunal increase)	DEF AT 1
7780 / 7662	DEF AT cement	POS AT 1
8260 / 8113	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8290 / 8141	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 3
8410 / 8253	DEF AT faunal change (no faunal increase)	DEF AT 2
8740 / 8560	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
9760 / 9510	DEF AT faunal change (no faunal increase)	DEF AT 3
9820 / 9566	DEF AT out-of-place section	DEF AT 3
10120 / 9847	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
10510 / 10212	DEF AT cement	DEF AT 2
10690 / 10380	DEF AT faunal change (no faunal increase)	DEF AT 1
11560 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 378	Date of Summary: 30-NOV-1989	First Sample Examined: 10495
Lease Number: G08229	Source of Paleo: OPERATOR	Borehole MD: 11695
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11343
API Well Number: 608074005800	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 3	Sample Range: 10495 - 11680	Water Depth: 1840
Public Info Code: Y 29-JUL-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Consultant-integrated foram and nanno report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10495 /10198	DEF AT first sample examined	DEF AT 1
10510 /10212	DEF AT sample gap top	POS AT 1
10600 /10296	DEF AT sample gap bottom	DEF AT 1
10960 /10634	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 1
11350 /11002	DEF AT faunal change (no faunal increase)	DEF AT 3
11380 /11031	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
11500 /	DEF AT faunal change (no faunal increase)	DEF AT 1
11680 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 378	Date of Summary: 19-FEB-1990	First Sample Examined: 0
Lease Number: G08229	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11695
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11343
API Well Number: 608074005800	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 1840
Public Info Code: Y 29-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8260 / 8113	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11380 / 11031	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 379	Date of Summary: 09-SEP-1986	First Sample Examined: 3166
Lease Number: G07483	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16500
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16500
API Well Number: 608074003200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 47
Paleo Report Num: 1 of 2	Sample Range: 3166 - 16500	Water Depth: 2076
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3166 /	DEF AT first sample examined	DEF AT 0
3167 /	DEF AT cement	DEF AT 0
3289 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
3320 /	DEF AT - - - - -	DEF AT 4
4840 /	DEF AT local marker foram increase	DEF AT 4
6847 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7094 /	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
7520 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
8520 /	DEF AT - - - - -	DEF AT 4
8610 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8640 /	DEF AT pyrite	POS AT 4
8760 /	DEF AT gray shale	DEF AT 4
9780 /	DEF AT local marker foram increase	DEF AT 4
10050 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
10830 /	DEF AT local marker foram increase	DEF AT 3
10890 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
11430 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
11490 /	DEF AT cement	POS AT 3
12090 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
12360 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
12420 /	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
12720 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 379	<b>Date of Summary:</b> 09-SEP-1986	<b>First Sample Examined:</b> 3166
<b>Lease Number:</b> G07483	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 16500
<b>API Well Number:</b> 608074003200	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 47
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3166 - 16500	<b>Water Depth:</b> 2076
<b>Public Info Code:</b> Y 28-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14340 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 3
16440 /	DEF AT local marker planktic foram increase	DEF AT 3
16470 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
16500 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 379	Date of Summary: 04-JUN-1987	First Sample Examined: 3166
Lease Number: G07483	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 608074003200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 47
Paleo Report Num: 2 of 2	Sample Range: 3166 - 16500	Water Depth: 2076
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3166 /	DEF AT first sample examined	DEF AT 0
3320 /	DEF AT - - - - -	DEF AT 4
7680 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
16500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 388	Date of Summary: 30-DEC-1991	First Sample Examined: 3670
Lease Number: G08232	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16612
Well Name: SA003	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14695
API Well Number: 608074005600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3670 - 16612	Water Depth: 2097
Public Info Code: Y 11-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: 14890=possible Upper Pliocene Globorotalia puncticulata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3670	DEF AT first sample examined	POS AT 4
3671 / 3671	DEF AT cement	POS AT 4
3730 / 3730	POS AT faunal change (no faunal increase)	DEF AT 4
3940 / 3938	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4240 / 4229	DEF AT local marker foram decrease	DEF AT 6
4300 / 4286	DEF AT local marker planktic foram increase	DEF AT 5
4330 / 4315	DEF AT cement	POS AT 5
4450 / 4429	DEF AT local marker planktic foram increase	DEF AT 5
4630 / 4599	DEF AT local marker foram decrease	DEF AT 5
4840 / 4790	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
5230 / 5115	DEF AT drilling material	POS AT 5
5530 / 5363	DEF AT local marker planktic foram increase	DEF AT 5
5740 / 5535	DEF AT local marker foram decrease	DEF AT 5
6190 / 5910	DEF AT drilling material	POS AT 5
7210 / 6746	DEF AT local marker foram increase	DEF AT 5
7720 / 7153	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
8050 / 7415	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
8560 / 7823	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9400 / 8509	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9580 / 8655	DEF AT local marker foram decrease	POS AT 5
9683 / 8739	DEF AT cement	POS AT 5
9850 / 8875	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 388	Date of Summary: 30-DEC-1991	First Sample Examined: 3670
Lease Number: G08232	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16612
Well Name: SA003	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14695
API Well Number: 608074005600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3670 - 16612	Water Depth: 2097
Public Info Code: Y 11-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9000	POS AT local marker foram increase	DEF AT 5
10030 / 9025	DEF AT local marker foram decrease	DEF AT 5
10690 / 9581	DEF AT drilling material	DEF AT 5
11470 /10221	DEF AT local marker planktic foram increase	DEF AT 5
11471 /10222	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
11560 /10295	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11590 /10320	DEF AT drilling material	DEF AT 5
11950 /10613	DEF AT local marker foram decrease	DEF AT 5
12370 /10957	DEF AT local marker foram increase	DEF AT 4
12430 /11007	DEF AT local marker foram decrease	DEF AT 4
13120 /11584	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
13810 /12177	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
13840 /12203	DEF AT local marker foram decrease	DEF AT 5
14350 /12637	DEF AT faunal change (no faunal increase)	DEF AT 4
14380 /12663	DEF AT drilling material	POS AT 4
14890 /13107	DEF AT local marker planktic foram increase	DEF AT 4
15490 /13653	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
15550 /13708	DEF AT cement	POS AT 4
15640 /13791	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15970 /14097	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
16120 /14236	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
16390 /14486	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
16612 /14692	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 412	Date of Summary:	First Sample Examined: 2350
Lease Number: G06371	Source of Paleo: OPERATOR	Borehole MD: 11144
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11144
API Well Number: 608074002500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 1322
Public Info Code: Y 16-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 /	POS IN Upper Pleistocene	DEF AT 3
4120 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5740 /	DEF AT -----	DEF AT 3
6580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8560 /	DEF AT local marker (general)	DEF AT 3
10600 /	DEF AT -----	DEF AT 4
10630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10690 /	POS AT domal material	DEF AT 4
10780 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 412	<b>Date of Summary:</b> 14-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06371	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11144
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11144
<b>API Well Number:</b> 608074002500	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1322
<b>Public Info Code:</b> Y 16-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9670 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praeheirsuta	DEF AT 0
10750 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 412	Date of Summary: 28-MAR-1986	First Sample Examined: 2350
Lease Number: G06371	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11144
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11144
API Well Number: 608074002500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 2350 - 11140	Water Depth: 1322
Public Info Code: Y 16-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 /	DEF AT first sample examined	DEF AT 0
2351 /	DEF AT cement	DEF AT 0
2680 /	DEF AT local marker foram increase	DEF AT 3
3940 /	DEF AT cement	DEF AT 0
4120 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4510 /	DEF AT cement	DEF AT 0
4660 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4900 /	DEF AT local marker planktic foram increase	DEF AT 5
4960 /	DEF AT foram flood	DEF AT 5
5560 /	DEF AT cement	DEF AT 0
6550 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6580 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6730 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
6820 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6970 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7180 /	DEF AT local marker foram decrease	DEF AT 5
7210 /	DEF AT drilling material	POS AT 5
7600 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7810 /	DEF AT sample gap top	DEF AT 0
7900 /	DEF AT sample gap bottom	DEF AT 0
8410 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8560 /	DEF AT local marker foram increase	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 412	Date of Summary: 28-MAR-1986	First Sample Examined: 2350
Lease Number: G06371	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11144
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11144
API Well Number: 608074002500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 2350 - 11140	Water Depth: 1322
Public Info Code: Y 16-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8620 /	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
8650 /	DEF AT oxidized shale	DEF AT 4
8800 /	DEF AT local marker foram increase	DEF AT 4
8920 /	DEF AT oxidized shale	DEF AT 4
9070 /	DEF AT local marker foram increase	DEF AT 4
9190 /	DEF AT cement	DEF AT 0
9280 /	DEF AT drilling material	DEF AT 0
9400 /	DEF AT drilling material	DEF AT 0
9670 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
9730 /	DEF AT local marker foram decrease	DEF AT 5
10090 /	DEF AT local marker foram increase	DEF AT 5
10180 /	DEF AT - - - -	DEF AT 6
10210 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10269 /	DEF AT local marker planktic foram increase	DEF AT 6
10270 /	POS AT foram flood	DEF AT 6
10630 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 6
10690 /	DEF AT gouge	DEF AT 6
11080 /	DEF AT gypsum	DEF AT 6
11140 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 412	Date of Summary:	First Sample Examined: 2430
Lease Number: G06371	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 608074005200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2430 - 14000	Water Depth: 1303
Public Info Code: Y 16-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2430 /	DEF AT first sample examined	DEF AT 4
2431 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4140 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
4440 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
9870 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10560 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
12870 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
13290 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13410 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
13830 /	DEF AT gouge	DEF AT 5
14000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 412	Date of Summary: 19-OCT-1988	First Sample Examined: 0
Lease Number: G06371	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 608074005200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1303
Public Info Code: Y 16-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4140 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4440 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9870 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10560 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
12960 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 0
13890 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 471	Date of Summary: 31-AUG-1987	First Sample Examined: 4373
Lease Number: G07498	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16500
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16500
API Well Number: 608074004500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 4373 - 16530	Water Depth: 2873
Public Info Code: Y 26-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4373 / 4373	DEF AT first sample examined	DEF AT 0
4374 / 4374	DEF AT cement	DEF AT 0
4520 / 4520	POS IN local marker foram increase	DEF AT 4
4685 / 4685	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7090 / 7090	DEF AT local marker foram increase	DEF AT 4
7150 / 7150	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7330 / 7330	DEF AT local marker foram decrease	DEF AT 4
8050 / 8050	DEF AT local marker foram increase	DEF AT 4
8700 / 8700	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
9390 / 9390	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
11970 /11969	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
12090 /12089	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
12870 /12869	DEF AT local marker foram decrease	DEF AT 5
13110 /13109	DEF AT local marker planktic foram increase	DEF AT 5
13830 /13829	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
15390 /15389	DEF AT local marker planktic foram increase	DEF AT 5
15720 /15719	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
15750 /15749	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
15840 /15839	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
16500 /16498	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 485	<b>Date of Summary:</b> 18-APR-1989	<b>First Sample Examined:</b> 4240
<b>Lease Number:</b> G08249	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11301
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11301
<b>API Well Number:</b> 608074061500	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4240 - 11301	<b>Water Depth:</b> 2793
<b>Public Info Code:</b> Y 30-APR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Company-integrated foram and nanno report; poor sample quality

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4240 /	DEF AT first sample examined	POS AT 2
4250 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4510 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4840 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5200 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7360 /	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 5
8290 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8979 /	POS AT reworked material	DEF AT 5
8980 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
11301 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 543	Date of Summary: 02-MAR-1986	First Sample Examined: 3280
Lease Number: G07505	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15100
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15100
API Well Number: 608074003000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 3280 - 15100	Water Depth: 1957
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3280 /	DEF AT first sample examined	DEF AT 0
3281 /	DEF AT cement	DEF AT 0
4270 /	DEF AT local marker foram increase	DEF AT 2
4300 /	DEF AT local marker planktic foram increase	DEF AT 2
4450 /	DEF AT local marker foram decrease	DEF AT 2
4840 /	POS AT local marker foram increase	DEF AT 2
4870 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
5740 /	DEF AT - - - - -	DEF AT 3
6190 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6250 /	DEF AT - - - - -	DEF AT 4
6670 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7690 /	DEF AT local marker foram increase	DEF AT 4
8500 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
8620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
9460 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9940 /	DEF AT local marker planktic foram increase	DEF AT 4
10120 /	DEF AT local marker foram decrease	DEF AT 4
12100 /	DEF AT local marker planktic foram increase	DEF AT 4
13240 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
13570 /	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
14830 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
14890 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 543	<b>Date of Summary:</b> 02-MAR-1986	<b>First Sample Examined:</b> 3280
<b>Lease Number:</b> G07505	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 15100
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 15100
<b>API Well Number:</b> 608074003000	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 38
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3280 - 15100	<b>Water Depth:</b> 1957
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15100 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 568	<b>Date of Summary:</b> 18-DEC-1991	<b>First Sample Examined:</b> 4651
<b>Lease Number:</b> G12662	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19110
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 19079
<b>API Well Number:</b> 608074081000	<b>Drilling Operator:</b> BP OIL CORPORATION	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4651 - 19110	<b>Water Depth:</b> 2832
<b>Public Info Code:</b> Y 21-SEP-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4651 / 4651	DEF AT first sample examined	DEF AT 2
6600 / 6600	DEF AT faunal change (no faunal increase)	DEF AT 3
6990 / 6990	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 3
9810 / 9809	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
10230 /10229	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
10529 /10528	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
10530 /10529	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10980 /10979	DEF AT faunal change (no faunal increase)	DEF AT 4
11100 /11099	DEF AT faunal change (no faunal increase)	DEF AT 3
11250 /11249	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11370 /11369	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
12300 /12299	DEF AT faunal change (no faunal increase)	DEF AT 4
13230 /13228	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
13680 /13678	DEF AT faunal change (no faunal increase)	DEF AT 3
14550 /14548	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
15069 /15067	DEF AT out-of-place section	DEF AT 3
15150 /15148	DEF AT sample gap top	DEF AT 0
15540 /15537	DEF AT sample gap bottom	DEF AT 0
19110 /19080	DEF AT last sample examined	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 594	Date of Summary: 30-NOV-1990	First Sample Examined: 4440
Lease Number: G11548	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18121
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18121
API Well Number: 608074006500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4440 - 18121	Water Depth: 2560
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 /	DEF AT first sample examined	DEF AT 4
4441 /	DEF AT sand	DEF AT 4
4470 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4560 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4890 /	DEF AT faunal change (no faunal increase)	DEF AT 6
4920 /	DEF AT local marker planktic foram increase	DEF AT 6
5880 /	DEF AT local marker planktic foram increase	DEF AT 6
5940 /	DEF AT gray shale	DEF AT 6
6120 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6240 /	DEF AT cement	DEF AT 5
6480 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7140 /	DEF AT sand	DEF AT 5
8040 /	DEF AT local marker foram increase	DEF AT 5
8190 /	DEF AT gray shale	DEF AT 5
9780 /	DEF AT cement	DEF AT 5
9781 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10200 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11220 /	DEF AT local marker foram increase	DEF AT 5
11520 /	DEF AT local marker planktic foram increase	DEF AT 6
11820 /	DEF AT drilling material	DEF AT 0
12330 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12390 /	DEF AT sand	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GB 594	Date of Summary: 30-NOV-1990	First Sample Examined: 4440
Lease Number: G11548	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18121
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18121
API Well Number: 608074006500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4440 - 18121	Water Depth: 2560
Public Info Code: Y 29-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12391 /	DEF AT local marker foram increase	DEF AT 5
12810 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 5
13890 /	DEF AT faunal change (no faunal increase)	DEF AT 6
14070 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
14160 /14159	DEF AT cement	DEF AT 6
14550 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
14640 /	DEF AT faunal change (no faunal increase)	DEF AT 6
14670 /	DEF AT drilling material	DEF AT 6
14850 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 6
15090 /	DEF AT faunal change (no faunal increase)	DEF AT 5
15270 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
15960 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
16500 /	DEF AT local marker foram increase	DEF AT 5
16920 /	DEF AT local marker planktic foram increase	DEF AT 5
17460 /17457	DEF AT local marker planktic foram increase	DEF AT 6
17780 /17778	DEF AT drilling material	DEF AT 5
17860 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
17920 /	DEF AT local marker foram decrease	DEF AT 5
18030 /	DEF AT local marker foram increase	DEF AT 6
18090 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GB 594	<b>Date of Summary:</b> 02-JAN-1991	<b>First Sample Examined:</b> 4440
<b>Lease Number:</b> G11548	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18121
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18121
<b>API Well Number:</b> 608074006500	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4440 - 18121	<b>Water Depth:</b> 2560
<b>Public Info Code:</b> Y 29-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 /	DEF AT first sample examined	DEF AT 4
10200 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10620 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
13110 /13110	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
15960 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
16920 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
17860 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
18121 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 4	Date of Summary: 23-JUN-1986	First Sample Examined: 0
Lease Number: G05529	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11610
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10210
API Well Number: 608115003900	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 500
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5850 / 5850	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
7410 / 7342	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10170 / 9276	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11610 / 10210	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 5	<b>Date of Summary:</b> 22-APR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06986	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8903
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8903
<b>API Well Number:</b> 608115003400	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 529
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2540 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3890 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4260 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
6679 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
6680 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6800 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 5	Date of Summary: 31-MAY-1989	First Sample Examined: 2030
Lease Number: G07002	Source of Paleo: OPERATOR	Borehole MD: 9508
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8629
API Well Number: 608114011700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 2030 - 9508	Water Depth: 524
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 / 2030	DEF AT first sample examined	DEF AT 5
2031 / 2031	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
4460 / 4036	DEF AT faunal change (no faunal increase)	DEF AT 4
4700 / 4212	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8780 / 7898	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9508 / 8626	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 5	Date of Summary: 31-MAY-1989	First Sample Examined: 2030
Lease Number: G07002	Source of Paleo: OPERATOR	Borehole MD: 9508
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8629
API Well Number: 608114011700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 2030 - 9508	Water Depth: 524
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 / 2030	DEF AT first sample examined	DEF AT 0
2660 / 2643	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3890 / 3630	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
8780 / 7898	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9508 / 8626	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 11	Date of Summary: 04-MAY-1988	First Sample Examined: 0
Lease Number: G05875	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12790
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 608115005100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 564
Public Info Code: Y 22-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 6394	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 15	Date of Summary: 12-JUN-1986	First Sample Examined: 0
Lease Number: G07984	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9148
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9148
API Well Number: 608114006100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 706
Public Info Code: Y 21-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2760 /	POS AT Pleistocene	DEF AT 0
7560 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 18	Date of Summary: 21-APR-1982	First Sample Examined: 1700
Lease Number: G04940	Source of Paleo: OPERATOR	Borehole MD: 13127
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12338
API Well Number: 608114000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 40
Paleo Report Num: 1 of 2	Sample Range: 1700 - 13100	Water Depth: 700
Public Info Code: Y 06-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1700 / 1700	DEF AT first sample examined	DEF AT 0
2480 / 2480	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5270 / 5270	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7460 / 7451	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9680 / 9361	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 0
10790 /10303	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
11990 /11339	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
12050 /11392	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12140 /11470	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0
12830 /12077	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 0
13100 /12315	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 18	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04940	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14024
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12996
<b>API Well Number:</b> 608114000800	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 155
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 750
<b>Public Info Code:</b> Y 01-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6258	POS IN Pleistocene	DEF AT 0
10820 / 9801	POS AT Pliocene	DEF AT 0
13010 / 11979	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 18	<b>Date of Summary:</b> 26-MAY-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04940	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16562
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13991
<b>API Well Number:</b> 608114000700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 155
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 760
<b>Public Info Code:</b> Y 16-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8510 / 6588	POS IN Pleistocene	DEF AT 0
12260 / 9698	POS AT Pliocene	DEF AT 0
15500 / 12935	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 18	<b>Date of Summary:</b> 26-APR-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04940	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16562
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13991
<b>API Well Number:</b> 608114000700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 155
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 760
<b>Public Info Code:</b> Y 16-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2480 / 2459	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
8240 / 6404	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10430 / 7996	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11381 / 8831	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11810 / 9251	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 0
14360 / 11795	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
14450 / 11885	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
14510 / 11945	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 19	Date of Summary: 06-APR-1987	First Sample Examined: 1500
Lease Number: G04131	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14300
API Well Number: 608114000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1500 - 14300	Water Depth: 820
Public Info Code: Y 29-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF AT 4
8050 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10810 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12150 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12730 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
13160 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
14300 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 19	Date of Summary: 04-JUN-1987	First Sample Examined: 7460
Lease Number: G04131	Source of Paleo: OPERATOR	Borehole MD: 13066
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13066
API Well Number: 608114000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2800 - 13050	Water Depth: 820
Public Info Code: Y 15-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7460 / 7460	DEF AT first sample examined	DEF AT 4
7700 / 7700	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11430 /11429	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12570 /12563	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13070 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 20	Date of Summary: 07-AUG-1989	First Sample Examined: 2400
Lease Number: G07985	Source of Paleo: OPERATOR	Borehole MD: 15746
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14602
API Well Number: 608114012000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2400 - 15746	Water Depth: 815
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	POS AT 4
2401 / 2401	DEF IN cement	POS AT 4
2460 / 2460	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3270 / 3270	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7860 / 7807	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7950 / 7885	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9360 / 9084	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11970 / 11298	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12180 / 11484	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12330 / 11616	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13050 / 12254	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13080 / 12280	DEF AT faunal change (no faunal increase)	DEF AT 6
13530 / 12678	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
15300 / 14205	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
15746 / 14603	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 20	Date of Summary: 07-AUG-1989	First Sample Examined: 2400
Lease Number: G07985	Source of Paleo: OPERATOR	Borehole MD: 15746
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14602
API Well Number: 608114012000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2400 - 15746	Water Depth: 815
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	DEF AT 0
3750 / 3749	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4470 / 4469	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
7860 / 7807	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9360 / 9084	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9720 / 9386	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11310 / 10722	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11970 / 11298	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
12150 / 11457	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
12210 / 11510	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12480 / 11749	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
13020 / 12227	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
15000 / 13942	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
15746 / 14603	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 21	Date of Summary: 20-NOV-1984	First Sample Examined: 2830
Lease Number: G05879	Source of Paleo: OPERATOR	Borehole MD: 12280
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11767
API Well Number: 608114002500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2830 - 10480	Water Depth: 1270
Public Info Code: Y 01-FEB-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report; 9610=Rhabdosphaera procera

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2830 / 2830	DEF AT first sample examined	DEF AT 5
4060 / 4060	DEF AT faunal change (no faunal increase)	DEF AT 4
4900 / 4900	DEF AT faunal change (no faunal increase)	DEF AT 5
5170 / 5170	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
5830 / 5830	DEF AT faunal change (no faunal increase)	DEF AT 4
6490 / 6490	DEF AT cement	POS AT 4
7150 / 7149	DEF AT faunal change (no faunal increase)	DEF AT 5
7240 / 7238	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7450 / 7446	DEF AT poor sample interval top	DEF AT 5
8109 / 8083	DEF AT poor sample interval bottom	DEF AT 5
8650 / 8579	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
8710 / 8632	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
8920 / 8817	DEF AT faunal change (no faunal increase)	DEF AT 3
9610 / 9385	DEF AT local marker floral increase	DEF AT 3
9760 / 9499	DEF AT faunal change (no faunal increase)	DEF AT 5
9790 / 9522	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
10210 / 9862	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10270 / 9912	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
10480 / 10087	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 21	Date of Summary: 20-NOV-1984	First Sample Examined: 4030
Lease Number: G05879	Source of Paleo: OPERATOR	Borehole MD: 12280
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11767
API Well Number: 608114002500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 4030 - 10450	Water Depth: 1270
Public Info Code: Y 01-FEB-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; 9610=Rhabdosphaera procera

MD / TVD	Paleo Top Description	Ecozone
4030 / 4030	POS AT first sample examined	DEF AT 5
5170 / 5170	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
8650 / 8579	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
8710 / 8632	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
9610 / 9385	DEF AT local marker floral increase	DEF AT 3
9790 / 9522	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
10270 / 9912	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
10330 / 9961	DEF AT floral flood	DEF AT 5
10450 / 10061	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 21	Date of Summary: 20-NOV-1984	First Sample Examined: 9910
Lease Number: G05879	Source of Paleo: OPERATOR	Borehole MD: 16618
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15860
API Well Number: 608114002501	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 9910 - 12100	Water Depth: 1270
Public Info Code: Y 01-FEB-1991	Ecozone Eq MMS:	Paleo ID: 004

Remark: Consultant-integrated foram and nanno report; 10270=Scyphosphaera intermedia

MD / TVD	Paleo Top Description	Ecozone
9910 / 9448	DEF AT first sample examined	DEF AT 4
9911 / 9449	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10208 / 9696	DEF AT floral flood	DEF AT 4
10209 / 9697	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
10210 / 9698	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
10270 / 9748	DEF AT local marker floral increase	DEF AT 4
10330 / 9799	DEF AT local marker floral increase	DEF AT 4
10690 /10101	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 5
10960 /10329	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
11020 /10382	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
12100 /11399	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 21	<b>Date of Summary:</b> 20-MAR-1985	<b>First Sample Examined:</b> 6190
<b>Lease Number:</b> G05879	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16618
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15860
<b>API Well Number:</b> 608114002501	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6190 - 16590	<b>Water Depth:</b> 1270
<b>Public Info Code:</b> Y 01-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 005

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 / 6190	DEF AT first sample examined	DEF AT 4
8160 / 7991	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
8250 / 8065	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
8790 / 8517	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
10500 / 9941	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
11370 /10699	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
11460 /10784	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
11550 /10870	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
16020 /15265	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 6
16080 /15325	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 6
16590 /15833	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 21	Date of Summary: 30-MAY-1985	First Sample Examined: 0
Lease Number: G05879	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12840
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12837
API Well Number: 608114004600	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 937
Public Info Code: Y 01-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6450	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9300 / 9299	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10710 /10708	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
11800 /11797	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
12480 /12477	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 21	Date of Summary: 05-NOV-1987	First Sample Examined: 0
Lease Number: G05879	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9755
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9514
API Well Number: 608114005800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1296
Public Info Code: Y 01-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6880 / 6874	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8110 / 8030	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9520 / 9303	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9730 / 9492	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 23	Date of Summary: 27-APR-1987	First Sample Examined: 3000
Lease Number: G05880	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 608114004100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 3000 - 13000	Water Depth: 1225
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT 5
3850 /	DEF AT sample gap top	POS AT 5
6513 /	DEF AT sample gap bottom	DEF AT 5
10527 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12414 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 27	Date of Summary: 07-AUG-1989	First Sample Examined: 3170
Lease Number: G06992	Source of Paleo: OPERATOR	Borehole MD: 10423
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10422
API Well Number: 608115006900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 3170 - 10423	Water Depth: 1593
Public Info Code: Y 31-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 /	DEF AT first sample examined	DEF AT 0
3171 /	DEF AT cement	DEF AT 0
4280 /	DEF AT -----	DEF IN 3
4400 /	DEF AT -----	DEF AT 4
4490 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4700 /	DEF AT -----	DEF AT 5
4880 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
7080 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8940 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9270 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9360 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9840 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10320 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10380 /	DEF AT -----	DEF AT 6
10423 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 27	Date of Summary: 08-AUG-1989	First Sample Examined: 3170
Lease Number: G06992	Source of Paleo: OPERATOR	Borehole MD: 10423
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10422
API Well Number: 608115006900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 3170 - 10423	Water Depth: 1593
Public Info Code: Y 31-DEC-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
3170 /	DEF AT first sample examined	DEF AT 0
4700 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
6990 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
8310 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
8940 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9030 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9300 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
9360 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9600 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
9750 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
9840 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
10423 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 27	Date of Summary: 13-OCT-1990	First Sample Examined: 0
Lease Number: G06992	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10423
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10422
API Well Number: 608115006900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 1593
Public Info Code: Y 31-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4800 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8310 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
8940 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9030 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9270 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
9360 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 0
10320 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 02-FEB-1984	First Sample Examined: 2460
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 11184
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11184
API Well Number: 608114001100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 2460 - 11184	Water Depth: 1510
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2460 /	DEF AT first sample examined	DEF IN 4
3360 /	DEF AT - - - - -	DEF AT 5
3570 /	DEF AT sample gap top	DEF AT 0
5025 /	DEF AT sample gap bottom	DEF AT 0
5520 /	DEF AT poor sample interval top	DEF AT 0
6750 /	DEF AT poor sample interval bottom	DEF AT 0
8850 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10920 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
11070 /	POS AT salt	DEF AT 0
11184 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 13-FEB-1986	First Sample Examined: 7275
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 11184
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11184
API Well Number: 608114001100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 7275 - 14717	Water Depth: 1510
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7275 /	DEF AT first sample examined	DEF IN 5
11020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14717 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 12-DEC-1984	First Sample Examined: 2750
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 11740
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11740
API Well Number: 608114002100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 2750 - 7250	Water Depth: 1653
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2750 /	DEF AT first sample examined	DEF AT 0
2751 /	DEF IN cement	DEF AT 0
2870 /	DEF AT - - - - -	DEF IN 5
5090 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6350 /	DEF AT poor sample interval top	DEF AT 0
6351 /	DEF AT drilling material	DEF AT 0
6470 /	DEF AT poor sample interval bottom	DEF AT 0
6590 /	DEF AT poor sample interval top	DEF AT 0
6860 /	DEF AT poor sample interval bottom	DEF AT 0
7250 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 21-DEC-1984	<b>First Sample Examined:</b> 2750
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11740
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11740
<b>API Well Number:</b> 608114002100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2750 - 7270	<b>Water Depth:</b> 1653
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 /	DEF AT first sample examined	DEF AT 0
2930 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5660 /	DEF AT poor sample interval top	DEF AT 0
6710 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7270 /	DEF AT poor sample interval bottom	DEF AT 0
7271 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 12-DEC-1984	First Sample Examined: 10000
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 9861
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9841
API Well Number: 608114002101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 6	Sample Range: 10000 - 10991	Water Depth: 1653
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Report=sidetrack 2; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT 6
10991 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 21-DEC-1984	<b>First Sample Examined:</b> 5570
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9861
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9841
<b>API Well Number:</b> 608114002101	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 6	<b>Sample Range:</b> 5570 - 11720	<b>Water Depth:</b> 1653
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 /	DEF AT first sample examined	DEF AT 0
7250 /	DEF AT sample gap top	DEF AT 0
7430 /	DEF AT sample gap bottom	DEF AT 0
8540 /	DEF AT local marker foram increase	DEF AT 5
9710 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
9740 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
10490 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10670 /	DEF AT poor sample interval top	DEF AT 0
11420 /	DEF AT poor sample interval bottom	DEF AT 0
11720 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 21-DEC-1984	<b>First Sample Examined:</b> 5570
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9861
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9841
<b>API Well Number:</b> 608114002101	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 3 of 6	<b>Sample Range:</b> 5570 - 11660	<b>Water Depth:</b> 1653
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Report=nannos=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 /	DEF AT first sample examined	DEF AT 0
5571 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7010 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9440 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9680 /	POS AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
9770 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
10760 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
11660 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 21-DEC-1984	<b>First Sample Examined:</b> 10240
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9861
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9841
<b>API Well Number:</b> 608114002101	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 4 of 6	<b>Sample Range:</b> 10240 - 10960	<b>Water Depth:</b> 1653
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 006

Remark: Report=nannos=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10240 /	DEF AT first sample examined	DEF AT 0
10241 /	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
10600 /	DEF AT local marker floral increase	DEF AT 0
10601 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus primus	DEF AT 0
10870 /	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
10960 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 11-MAR-1985	First Sample Examined: 8440
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 9861
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9841
API Well Number: 608114002101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 5 of 6	Sample Range: 8440 - 9795	Water Depth: 1653
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 8440-9760=paleo samples; 9770-9795=sidewall core samples

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8439 /	DEF AT first sample examined	DEF IN 5
8440 /	DEF IN cement	DEF IN 5
8940 /	DEF AT local marker foram increase	DEF IN 5
9780 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9789 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
9795 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 01-APR-1985	<b>First Sample Examined:</b> 8620
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9861
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9841
<b>API Well Number:</b> 608114002101	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 6 of 6	<b>Sample Range:</b> 8620 - 9795	<b>Water Depth:</b> 1653
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=nannos; 9060=rare Discolithina japonica; 9770-9795=sidewall core samples

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8620 /	DEF AT first sample examined	DEF AT 0
8700 /	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9060 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9510 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9770 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9773 /	POS AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
9784 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
9785 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
9789 /	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9795 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 03-JAN-1985	First Sample Examined: 2880
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8190
API Well Number: 608114003200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2880 - 9450	Water Depth: 1504
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2880 / 2880	DEF AT first sample examined	DEF IN 4
3000 / 3000	DEF AT faunal change (no faunal increase)	DEF AT 5
5220 / 4792	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
7620 / 6863	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
7650 / 6893	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9330 / 8572	POS AT salt	DEF AT 5
9420 / 8662	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9450 / 8692	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 15-FEB-1985	First Sample Examined: 2880
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8190
API Well Number: 608114003200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2880 - 9480	Water Depth: 1504
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2880 / 2880	DEF AT first sample examined	DEF AT 0
2881 / 2881	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3150 / 3150	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7680 / 6923	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7770 / 7012	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7950 / 7192	DEF AT local marker floral decrease	DEF AT 0
9390 / 8632	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9480 / 8722	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 06-FEB-1985	<b>First Sample Examined:</b> 5490
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10647
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9885
<b>API Well Number:</b> 608114003201	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5490 - 10647	<b>Water Depth:</b> 1504
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 / 4961	DEF AT first sample examined	DEF IN 5
8400 / 7643	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10290 / 9532	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10470 / 9712	DEF AT anhydrite	DEF AT 0
10647 / 9889	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 30-APR-1985	First Sample Examined: 3200
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 13782
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13782
API Well Number: 608114004300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3200 - 13755	Water Depth: 1589
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 /	DEF AT first sample examined	DEF IN 5
5240 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9530 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11930 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11960 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13310 /	DEF AT anhydrite	DEF AT
13311 /	POS AT salt	DEF AT
13755 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 07-MAY-1985	<b>First Sample Examined:</b> 3200
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13782
<b>Well Name:</b> 004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13782
<b>API Well Number:</b> 608114004300	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3200 - 13730	<b>Water Depth:</b> 1589
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=nannos; 9500=Discolithina japonica; 10130=rare Ceratolithus rugosus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 /	DEF AT first sample examined	DEF AT 0
3201 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
9500 /	POS IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10130 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11930 /	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12020 /	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
12200 /	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13730 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 30-DEC-1985	First Sample Examined: 2970
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 11140
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11140
API Well Number: 608114005200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 2970 - 11140	Water Depth: 1623
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2970 /	DEF AT first sample examined	DEF IN 5
5430 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10980 /	DEF AT anhydrite	DEF AT 5
11120 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11140 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 30-DEC-1985	First Sample Examined: 2970
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 11140
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11140
API Well Number: 608114005200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 2970 - 11140	Water Depth: 1623
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
2970 /	DEF AT first sample examined	DEF AT 0
5160 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
8370 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9330 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9420 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9690 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
9780 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
10020 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
11010 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
11140 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 13-FEB-1986	First Sample Examined: 7275
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 14717
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13470
API Well Number: 608114005201	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 7275 - 14717	Water Depth: 1623
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7275 / 7275	DEF AT first sample examined	DEF IN 5
11020 /10203	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11110 /10276	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14717 /13467	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 13-FEB-1986	<b>First Sample Examined:</b> 7275
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14717
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13470
<b>API Well Number:</b> 608114005201	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7275 - 14680	<b>Water Depth:</b> 1623
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7275 / 7275	DEF AT first sample examined	DEF AT 0
8590 / 8482	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9160 / 8919	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10690 / 9947	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10840 /10061	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
11100 /10267	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
11230 /10375	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
14680 /13433	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 04-MAR-1986	First Sample Examined: 7980
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 11159
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11051
API Well Number: 608114005202	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 7980 - 11160	Water Depth: 1623
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 / 7972	DEF AT first sample examined	DEF IN 5
9690 / 9640	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9750 / 9697	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10770 /10678	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11070 /10966	DEF AT anhydrite	DEF AT 5
11071 /10967	DEF AT domal material	DEF AT 5
11160 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 04-MAR-1986	<b>First Sample Examined:</b> 7980
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11159
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11051
<b>API Well Number:</b> 608114005202	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7980 - 11160	<b>Water Depth:</b> 1623
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 / 7972	DEF AT first sample examined	DEF AT 0
8910 / 8891	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9450 / 9409	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9630 / 9582	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
9810 / 9755	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9900 / 9841	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
11160 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 21-MAY-1986	<b>First Sample Examined:</b> 3200
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10100
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10100
<b>API Well Number:</b> 608114006200	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3200 - 10100	<b>Water Depth:</b> 1575
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 /	DEF AT first sample examined	DEF AT 5
3201 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5930 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6470 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9440 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10100 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 03-JUN-1986	First Sample Examined: 5485
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 10750
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9789
API Well Number: 608114006201	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 5485 - 10750	Water Depth: 1575
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5485 / 5485	DEF AT first sample examined	DEF IN 5
5960 / 5956	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6500 / 6470	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9410 / 8666	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10750 / 9788	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 29	Date of Summary: 28-DEC-1988	First Sample Examined: 3400
Lease Number: G05882	Source of Paleo: OPERATOR	Borehole MD: 10202
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9922
API Well Number: 608114009100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3400 - 10202	Water Depth: 1526
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3400 / 3400	DEF AT first sample examined	DEF AT 0
3401 / 3401	DEF IN sand	DEF AT 0
3700 / 3700	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
6340 / 6144	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6670 / 6445	DEF AT poor sample interval top	DEF AT 5
7180 / 6918	DEF AT poor sample interval bottom	DEF AT 5
9460 / 9181	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9580 / 9301	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9670 / 9391	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10030 / 9751	POS AT anhydrite	DEF AT 0
10090 / 9811	DEF AT anhydrite	DEF AT 0
10202 / 9922	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 29	<b>Date of Summary:</b> 28-DEC-1988	<b>First Sample Examined:</b> 3400
<b>Lease Number:</b> G05882	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10202
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9922
<b>API Well Number:</b> 608114009100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3400 - 10202	<b>Water Depth:</b> 1526
<b>Public Info Code:</b> Y 01-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3400	DEF AT first sample examined	DEF AT 0
3850 / 3850	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
6220 / 6036	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
8950 / 8671	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9400 / 9121	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9490 / 9211	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9940 / 9661	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
10202 / 9922	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 31	Date of Summary: 18-FEB-1985	First Sample Examined: 3610
Lease Number: G06994	Source of Paleo: OPERATOR	Borehole MD: 11423
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11423
API Well Number: 608114003000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3610 - 11410	Water Depth: 2044
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3610 / 3610	DEF AT first sample examined	POS AT 4
3611 / 3611	DEF AT cement	POS AT 4
3790 / 3790	DEF AT faunal change (no faunal increase)	DEF AT 4
6190 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7510 /	DEF AT drilling material	POS AT 5
8740 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9430 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10780 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
11410 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 31	Date of Summary: 04-MAR-1985	First Sample Examined: 3610
Lease Number: G06994	Source of Paleo: OPERATOR	Borehole MD: 11423
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11423
API Well Number: 608114003000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3610 - 11260	Water Depth: 2044
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3610 / 3610	DEF AT first sample examined	DEF AT 0
4060 / 4060	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
6640 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8980 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9430 /	DEF AT floral flood	DEF AT 0
9431 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9520 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
9610 /	POS AT Lower Pliocene (Zanclian) Amaurolithus primus	DEF AT 0
11170 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
11260 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 31	<b>Date of Summary:</b> 22-MAR-1985	<b>First Sample Examined:</b> 5290
<b>Lease Number:</b> G06994	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6472
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6416
<b>API Well Number:</b> 608114003001	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5290 - 6400	<b>Water Depth:</b> 2044
<b>Public Info Code:</b> Y 02-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 / 5284	DEF AT first sample examined	POS IN 4
5291 / 5285	DEF IN cement	POS IN 4
5380 / 5373	DEF AT faunal change (no faunal increase)	DEF IN 4
6220 / 6178	DEF AT faunal change (no faunal increase)	DEF AT 5
6400 / 6348	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 31	<b>Date of Summary:</b> 07-JUN-1985	<b>First Sample Examined:</b> 3800
<b>Lease Number:</b> G06994	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12148
<b>Well Name:</b> 004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12148
<b>API Well Number:</b> 608114004700	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3800 - 12480	<b>Water Depth:</b> 2243
<b>Public Info Code:</b> Y 02-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT first sample examined	DEF IN 4
4070 / 4070	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6440 / 6440	DEF AT faunal change (no faunal increase)	DEF AT 5
8330 / 8330	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8690 / 8690	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
10730 /10729	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10790 /10789	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11990 /11989	DEF AT anhydrite	DEF AT 5
12148 /12147	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 31	Date of Summary: 07-JUN-1985	First Sample Examined: 3800
Lease Number: G06994	Source of Paleo: OPERATOR	Borehole MD: 12148
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12148
API Well Number: 608114004700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3800 - 12110	Water Depth: 2243
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT first sample examined	DEF AT 0
3801 / 3801	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
8870 / 8870	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9680 / 9680	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10310 /10310	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10580 /10579	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri (increase)	DEF AT 0
10760 /10759	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12110 /12109	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 31	Date of Summary: 20-JUN-1985	First Sample Examined: 5952
Lease Number: G06994	Source of Paleo: OPERATOR	Borehole MD: 11958
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11433
API Well Number: 608114004701	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 5952 - 11930	Water Depth: 2243
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 9230=Globigerinoides obliquus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5952 / 5952	DEF AT first sample examined	DEF AT 4
5953 / 5953	DEF IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6440 / 6432	DEF AT faunal change (no faunal increase)	DEF AT 5
8570 / 8373	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9230 / 8972	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11150 /10706	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11270 /10814	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11930 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 31	Date of Summary: 05-SEP-1985	First Sample Examined: 5952
Lease Number: G06994	Source of Paleo: OPERATOR	Borehole MD: 11958
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11433
API Well Number: 608114004701	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 5952 - 11930	Water Depth: 2243
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5952 / 5952	DEF AT first sample examined	DEF AT 0
5953 / 5953	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
9080 / 8837	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9440 / 9158	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10370 / 9996	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10730 /10323	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
10940 /10515	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri (increase)	DEF AT 0
11120 /10678	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
11210 /10760	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
11780 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
11930 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 31	<b>Date of Summary:</b> 20-AUG-1986	<b>First Sample Examined:</b> 5120
<b>Lease Number:</b> G06994	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12729
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12725
<b>API Well Number:</b> 608114006300	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5120 - 12740	<b>Water Depth:</b> 2220
<b>Public Info Code:</b> Y 02-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 /	DEF AT first sample examined	DEF IN 4
6200 /	DEF AT - - - - -	DEF AT 5
9440 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11240 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11300 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11387 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
12500 /	DEF AT sample gap top	DEF AT 0
12650 /	DEF AT sample gap bottom	DEF AT 0
12740 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 31	Date of Summary: 20-AUG-1986	First Sample Examined: 5120
Lease Number: G06994	Source of Paleo: OPERATOR	Borehole MD: 12729
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12725
API Well Number: 608114006300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 5120 - 12740	Water Depth: 2220
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 /	DEF AT first sample examined	DEF AT 4
6860 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9290 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9680 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
11150 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
11240 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
11330 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
11360 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
11370 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
11720 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
12500 /	DEF AT sample gap top	DEF AT 0
12650 /	DEF AT sample gap bottom	DEF AT 0
12740 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 31	<b>Date of Summary:</b> 17-FEB-1989	<b>First Sample Examined:</b> 5200
<b>Lease Number:</b> G06994	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14000
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12509
<b>API Well Number:</b> 608114009600	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5200 - 14000	<b>Water Depth:</b> 2234
<b>Public Info Code:</b> Y 02-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5200	DEF AT first sample examined	DEF IN 4
6400 / 6351	DEF AT - - - - -	DEF AT 5
9460 / 8825	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11050 / 10121	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11230 / 10267	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11260 / 10291	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13150 / 11829	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14000 / 12509	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 32	<b>Date of Summary:</b> 29-MAR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14157
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14157
<b>API Well Number:</b> 608114008100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 56
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 2264
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11910 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
11970 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
14130 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 39	Date of Summary: 30-APR-1984	First Sample Examined: 3130
Lease Number: G05883	Source of Paleo: OPERATOR	Borehole MD: 12294
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12294
API Well Number: 608114001300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3130 - 11540	Water Depth: 2004
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3130	DEF AT first sample examined	DEF IN 4
3310 / 3310	DEF AT faunal change (no faunal increase)	DEF AT 5
4930 / 4929	DEF AT poor sample interval top	POS AT 5
6140 / 6139	DEF AT poor sample interval bottom	DEF AT 5
7250 / 7249	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8690 / 8689	DEF AT sample gap top	POS AT 5
8930 / 8929	DEF AT sample gap bottom	DEF AT 5
9050 / 9049	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9051 / 9050	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9110 / 9109	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
9800 / 9799	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
10310 / 10309	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11540 / 11538	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 39	Date of Summary: 20-SEP-1984	First Sample Examined: 9100
Lease Number: G05883	Source of Paleo: OPERATOR	Borehole MD: 12294
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12294
API Well Number: 608114001300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 9100 - 12294	Water Depth: 2004
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 9099	DEF AT first sample examined	DEF AT 6
9160 / 9159	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
9790 / 9789	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
10180 / 10179	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11890 / 11888	POS AT gouge	DEF AT 6
11891 / 11889	POS AT salt	POS AT 6
12294 / 12292	DEF AT last sample examined	POS AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 39	Date of Summary: 15-FEB-1985	First Sample Examined: 3600
Lease Number: G05883	Source of Paleo: OPERATOR	Borehole MD: 12243
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12243
API Well Number: 608114003700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3600 - 12240	Water Depth: 1829
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 /	DEF AT first sample examined	DEF IN 4
5490 /	DEF AT poor sample interval top	DEF IN 4
5549 /	DEF AT poor sample interval bottom	DEF AT 4
5550 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
5640 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6360 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7530 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7860 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7861 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7919 /	POS AT unconformity	DEF AT 0
7920 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8190 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9270 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9300 /	DEF AT faunal change (no faunal increase)	DEF AT 6
9420 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
9630 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
12240 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 39	Date of Summary: 15-FEB-1985	First Sample Examined: 3600
Lease Number: G05883	Source of Paleo: OPERATOR	Borehole MD: 12243
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12243
API Well Number: 608114003700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 3600 - 12240	Water Depth: 1829
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 /	DEF AT first sample examined	DEF AT 0
3960 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5040 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7830 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7920 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
8010 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
8100 /	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8550 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
9270 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
9630 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
10440 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
11880 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
12150 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
12240 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 45	Date of Summary: 25-MAR-1988	First Sample Examined: 0
Lease Number: G07987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10925
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10553
API Well Number: 608115004800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 569
Public Info Code: Y 18-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4820 / 4658	DEF AT -----	DEF AT 3
6800 / 6525	DEF AT -----	DEF AT 4
7220 / 6923	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8540 / 8179	DEF AT -----	DEF AT 5
10190 / 9819	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10460 /10089	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10565 /10194	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10670 /10299	DEF AT -----	DEF AT 6
10790 /10418	DEF AT anhydrite	DEF AT 6
10791 /10419	DEF AT salt	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 45	<b>Date of Summary:</b> 19-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07987	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14091
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13826
<b>API Well Number:</b> 608114016900	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 559
<b>Public Info Code:</b> Y 18-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 6547	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9720 / 9460	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
10860 /10600	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13050 /12788	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13830 /13567	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 58	<b>Date of Summary:</b> 15-JUL-1985	<b>First Sample Examined:</b> 2050
<b>Lease Number:</b> G07003	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8900
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8900
<b>API Well Number:</b> 608114004500	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2050 - 8900	<b>Water Depth:</b> 874
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 /	DEF AT first sample examined	DEF IN 4
3520 /	DEF AT - - - - -	DEF AT 5
4510 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7630 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7930 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8200 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8900 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 58	Date of Summary: 12-AUG-1985	First Sample Examined: 0
Lease Number: G07003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8900
API Well Number: 608114004500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 874
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6613 /	POS IN Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 58	Date of Summary: 28-OCT-1985	First Sample Examined: 0
Lease Number: G07003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11262
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10884
API Well Number: 608114004900	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 869
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6058 / 5926	POS IN Pleistocene	DEF AT 0
8784 / 8523	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 60	Date of Summary: 01-MAY-1984	First Sample Examined: 0
Lease Number: G05888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8861
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8861
API Well Number: 608114001200	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 910
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2030 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
7000 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7960 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8230 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
8470 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
8680 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8770 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 61	Date of Summary:	First Sample Examined: 2040
Lease Number: G07004	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9200
API Well Number: 608114010500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2040 - 9200	Water Depth: 950
Public Info Code: Y 26-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2040 /	DEF AT first sample examined	DEF AT 3
3800 /	DEF AT -----	DEF AT 4
3900 /	DEF AT local marker (general)	DEF AT 4
6000 /	DEF AT -----	DEF AT 3
6700 /	DEF AT -----	DEF AT 4
8200 /	DEF AT -----	DEF AT 3
8900 /	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 65	Date of Summary: 17-JAN-1984	First Sample Examined: 2662
Lease Number: G05889	Source of Paleo: OPERATOR	Borehole MD: 12609
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12607
API Well Number: 608114001000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2662 - 12598	Water Depth: 1160
Public Info Code: Y 06-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2662 /	DEF AT first sample examined	DEF AT 0
12349 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12598 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 65	Date of Summary: 17-JAN-1984	First Sample Examined: 7305
Lease Number: G05889	Source of Paleo: OPERATOR	Borehole MD: 13440
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12844
API Well Number: 608114001001	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 7305 - 13400	Water Depth: 1160
Public Info Code: Y 16-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7305 / 7305	DEF AT first sample examined	DEF AT 0
12134 / 11739	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13400 / 12811	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 66	Date of Summary: 25-OCT-1984	First Sample Examined: 2300
Lease Number: G05890	Source of Paleo: OPERATOR	Borehole MD: 15850
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15000
API Well Number: 608114002400	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 37
Paleo Report Num: 1 of 2	Sample Range: 2300 - 15692	Water Depth: 1006
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT first sample examined	DEF IN 4
2600 / 2600	DEF AT faunal change (no faunal increase)	DEF AT 5
2990 / 2990	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
3800 / 3777	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
7240 / 6671	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9040 / 8364	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
10150 / 9460	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10180 / 9490	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10450 / 9759	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10480 / 9789	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11620 / 10928	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12040 / 11348	DEF AT faunal change (no faunal increase)	DEF AT 6
13120 / 12427	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13900 / 13207	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
15490 / 14783	POS AT salt	DEF AT 6
15692 / 14982	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 66	Date of Summary: 02-NOV-1984	First Sample Examined: 2300
Lease Number: G05890	Source of Paleo: OPERATOR	Borehole MD: 15850
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15000
API Well Number: 608114002400	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 2300 - 15640	Water Depth: 1006
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Report=nannos; 8650=Rhabdosphaera procera; 14500=Upper Miocene (Tortonian) Discoaster pseudovariabilis; 14680=Upper Miocene (Tortonian) Discoaster braarudii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT first sample examined	DEF AT 0
2840 / 2840	DEF AT Upper Pleistocene (Ionian) Emiliana huxleyi (base of acme)	DEF AT 0
2930 / 2930	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7120 / 6560	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
8200 / 7566	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 0
8380 / 7734	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
8650 / 7990	DEF AT local marker floral increase	DEF AT 0
10150 / 9460	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
10210 / 9520	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
10330 / 9640	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
10510 / 9819	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13300 / 12607	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
13660 / 12967	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
14050 / 13357	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 0
14140 / 13447	DEF AT floral flood	DEF AT 0
14500 / 13805	DEF AT Upper Miocene (Tortonian) Catinaster calyculus	DEF AT 0
14680 / 13984	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
15640 / 14931	DEF AT drilling material	DEF AT 0
15670 / 14960	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 66	<b>Date of Summary:</b> 06-FEB-1985	<b>First Sample Examined:</b> 2400
<b>Lease Number:</b> G05890	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18000
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18000
<b>API Well Number:</b> 608114003600	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2400 - 18000	<b>Water Depth:</b> 1240
<b>Public Info Code:</b> Y 27-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	DEF IN 4
3030 / 3030	DEF AT faunal change (no faunal increase)	DEF AT 5
3528 / 3528	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8940 / 8939	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
10320 /10318	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10350 /10348	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10380 /10378	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13740 /13731	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14310 /14301	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
15410 /15399	DEF AT sample gap top	POS AT 6
15510 /15499	DEF AT sample gap bottom	DEF AT 6
17850 /17835	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
18000 /17985	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 66	Date of Summary: 29-DEC-1988	First Sample Examined: 2400
Lease Number: G05890	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18000
API Well Number: 608114003600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 2400 - 18000	Water Depth: 1240
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	DEF AT 0
2490 / 2490	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
2680 / 2680	DEF AT sample gap top	DEF AT 0
2910 / 2910	DEF AT sample gap bottom	DEF AT 0
3798 / 3798	DEF AT sample gap top	DEF AT 0
4140 / 4140	DEF AT sample gap bottom	DEF AT 0
4410 / 4410	DEF AT sample gap top	DEF AT 0
4590 / 4590	DEF AT sample gap bottom	DEF AT 0
4680 / 4680	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9510 / 9508	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
10320 /10318	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
10680 /10678	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13470 /13461	DEF AT sample gap top	DEF AT 0
13890 /13881	DEF AT sample gap bottom	DEF AT 0
14280 /14271	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
15750 /15739	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
17100 /17087	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
17910 /17895	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
18000 /17985	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 66	Date of Summary: 09-MAY-1985	First Sample Examined: 0
Lease Number: G05890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12883
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12098
API Well Number: 608114003601	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1240
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10120 / 9806	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10870 /10433	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
12490 /11773	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 66	Date of Summary: 05-JUL-1988	First Sample Examined: 3790
Lease Number: G05890	Source of Paleo: OPERATOR	Borehole MD: 15021
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14505
API Well Number: 608114009500	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3790 - 15010	Water Depth: 1108
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3790 / 3790	DEF AT first sample examined	DEF IN 5
3950 / 3950	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
8300 / 8300	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10430 /10382	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10490 /10436	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10520 /10463	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11260 /11127	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11710 /11533	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11860 /11668	DEF AT faunal change (no faunal increase)	DEF AT 6
11920 /11721	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13690 /13303	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
15010 /14499	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 66	Date of Summary: 06-JUL-1988	First Sample Examined: 3790
Lease Number: G05890	Source of Paleo: OPERATOR	Borehole MD: 15021
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14505
API Well Number: 608114009500	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3790 - 15010	Water Depth: 1108
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 / 3790	DEF AT first sample examined	DEF AT 0
7700 / 7700	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
8240 / 8240	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9050 / 9050	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
9290 / 9289	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
10430 /10382	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
10460 /10409	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
10610 /10544	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
11620 /11451	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
11710 /11533	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
11920 /11721	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
14080 /13655	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 0
14590 /14117	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 0
14770 /14280	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
15010 /14499	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 70	Date of Summary: 25-JUN-1984	First Sample Examined: 2750
Lease Number: G05894	Source of Paleo: OPERATOR	Borehole MD: 13817
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13793
API Well Number: 608114001700	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 2750 - 13760	Water Depth: 1618
Public Info Code: Y 27-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 / 2747	DEF AT first sample examined	DEF AT 3
3950 / 3946	DEF AT cement	DEF AT 0
4550 / 4545	DEF AT -----	DEF AT 3
6740 / 6733	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7160 / 7153	DEF AT poor sample interval top	DEF AT 0
7699 / 7692	DEF AT poor sample interval bottom	DEF AT 0
7700 / 7693	DEF AT -----	DEF AT 3
8660 / 8652	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8930 / 8922	DEF AT -----	DEF AT 2
9890 / 9881	DEF AT -----	DEF AT 4
10010 /10001	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10310 /10300	DEF AT -----	DEF AT 3
11900 /11885	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12320 /12303	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
12410 /12393	DEF AT drilling material	DEF AT 0
13760 /13736	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 70	Date of Summary: 27-SEP-1988	First Sample Examined: 3440
Lease Number: G07016	Source of Paleo: OPERATOR	Borehole MD: 10648
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 9999
API Well Number: 608114009400	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 3	Sample Range: 3440 - 10630	Water Depth: 2130
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3440 / 3440	DEF AT first sample examined	DEF AT 0
9940 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
10630 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 70	Date of Summary: 11-OCT-1988	First Sample Examined: 3440
Lease Number: G07016	Source of Paleo: OPERATOR	Borehole MD: 10648
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9999
API Well Number: 608114009400	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 3440 - 10600	Water Depth: 2130
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3440 / 3440	DEF AT first sample examined	DEF AT 2
3441 / 3441	DEF AT cement	DEF AT 2
4600 / 4600	DEF AT faunal change (no faunal increase)	DEF AT 3
4900 / 4898	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6730 / 6567	DEF AT faunal change (no faunal increase)	DEF AT 2
7324 / 7091	DEF AT faunal change (no faunal increase)	DEF AT 3
7900 / 7600	DEF AT faunal change (no faunal increase)	DEF AT 2
8860 / 8443	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9550 / 9041	DEF AT faunal change (no faunal increase)	DEF AT 2
9820 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9910 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9940 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
10150 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10270 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10359 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10360 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10600 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 70	Date of Summary: 11-OCT-1988	First Sample Examined: 9760
Lease Number: G07016	Source of Paleo: OPERATOR	Borehole MD: 10648
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9999
API Well Number: 608114009400	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 3 of 3	Sample Range: 9760 - 10090	Water Depth: 2130
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9760 / 9224	DEF AT first sample examined	DEF AT 0
9940 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
10060 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 71	Date of Summary:	First Sample Examined: 3250
Lease Number: G11018	Source of Paleo: OPERATOR	Borehole MD: 6830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6830
API Well Number: 608115007100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3250 - 6830	Water Depth: 1860
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
5080 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
6830 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 71	Date of Summary: 16-FEB-1990	First Sample Examined: 0
Lease Number: G11018	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6830
API Well Number: 608115007100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1860
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5080 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 74	<b>Date of Summary:</b> 06-JAN-1986	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G07006	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18500
<b>API Well Number:</b> 608114005100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4000 - 18500	<b>Water Depth:</b> 2331
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF IN 4
4060 /	DEF AT - - - - -	DEF AT 5
5860 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9610 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12160 /	DEF AT condensed section	DEF AT 5
12880 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12910 /	DEF AT condensed section	DEF AT 5
15080 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
16340 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
18500 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 74	Date of Summary: 06-JAN-1986	First Sample Examined: 4000
Lease Number: G07006	Source of Paleo: OPERATOR	Borehole MD: 18500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18500
API Well Number: 608114005100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 4000 - 18500	Water Depth: 2331
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 0
6740 /	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
7640 /	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10450 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
12159 /	DEF AT condensed section	DEF AT 0
12160 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
12340 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
12909 /	DEF AT condensed section	DEF AT 0
12910 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
15020 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
16940 /	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
18080 /	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
18500 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 74	Date of Summary: 03-JUN-1986	First Sample Examined: 6370
Lease Number: G07006	Source of Paleo: OPERATOR	Borehole MD: 14615
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13510
API Well Number: 608114005101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 5	Sample Range: 6370 - 10900	Water Depth: 2331
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack 1; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 / 6370	DEF AT first sample examined	DEF IN 1
10900 /10406	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 74	Date of Summary: 03-JUN-1986	First Sample Examined: 10780
Lease Number: G07006	Source of Paleo: OPERATOR	Borehole MD: 14615
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13510
API Well Number: 608114005101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 5	Sample Range: 10780 - 10840	Water Depth: 2331
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 2; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10780 /10309	DEF AT first sample examined	DEF AT 1
10840 /10358	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 74	Date of Summary: 03-JUN-1986	First Sample Examined: 10840
Lease Number: G07006	Source of Paleo: OPERATOR	Borehole MD: 14615
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13510
API Well Number: 608114005101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 3 of 5	Sample Range: 10840 - 14260	Water Depth: 2331
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 3; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10840 /10358	DEF AT first sample examined	DEF AT 1
14260 /13192	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 74	Date of Summary: 03-JUN-1986	First Sample Examined: 13825
Lease Number: G07006	Source of Paleo: OPERATOR	Borehole MD: 14615
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13510
API Well Number: 608114005101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 4 of 5	Sample Range: 13825 - 14140	Water Depth: 2331
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 4; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13825 /12808	DEF AT first sample examined	DEF AT 1
14140 /13084	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 74	Date of Summary: 03-JUN-1986	First Sample Examined: 13570
Lease Number: G07006	Source of Paleo: OPERATOR	Borehole MD: 14615
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13510
API Well Number: 608114005101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 5 of 5	Sample Range: 13570 - 14590	Water Depth: 2331
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Report=sidetrack 5; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14380 /13300	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
14590 /13490	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 75	<b>Date of Summary:</b> 22-JUL-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07007	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15707
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15707
<b>API Well Number:</b> 608114004200	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 2345
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: 9240=Globigerinoides obliquus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9240 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 0
12290 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
15390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 75	Date of Summary: 21-JUL-1986	First Sample Examined: 3810
Lease Number: G07007	Source of Paleo: OPERATOR	Borehole MD: 15707
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15707
API Well Number: 608114004200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3810 - 15690	Water Depth: 2345
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3810 /	DEF AT first sample examined	DEF IN 5
6840 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9660 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
11280 /	DEF AT local marker foram increase	DEF AT 5
11281 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
13020 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14700 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15060 /	DEF AT -----	DEF AT 6
15390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
15690 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 76	Date of Summary: 31-MAY-1989	First Sample Examined: 4760
Lease Number: G07008	Source of Paleo: OPERATOR	Borehole MD: 14750
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14750
API Well Number: 608115006700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4760 - 14750	Water Depth: 2600
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4760 /	DEF AT first sample examined	POS IN 5
4761 /	DEF IN cement	POS IN 5
5090 /	DEF AT faunal change (no faunal increase)	DEF IN 5
8300 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 5
10840 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
12220 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
14290 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
14620 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
14649 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
14650 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
14750 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 76	Date of Summary: 31-MAY-1989	First Sample Examined: 4760
Lease Number: G07008	Source of Paleo: OPERATOR	Borehole MD: 14750
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14750
API Well Number: 608115006700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4760 - 14750	Water Depth: 2600
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4760 /	DEF AT first sample examined	DEF AT 0
5660 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
8330 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
10870 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
12070 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
14289 /	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
14290 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
14620 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
14650 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
14710 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
14750 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 94	<b>Date of Summary:</b> 18-JUN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09918	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13524
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12900
<b>API Well Number:</b> 608114018100	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1062
<b>Public Info Code:</b> Y 30-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5220 / 5220	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
9000 / 8854	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12810 / 12266	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentis (acme "B")	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 108	Date of Summary: 13-MAY-1986	First Sample Examined: 2500
Lease Number: G07014	Source of Paleo: OPERATOR	Borehole MD: 15315
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15307
API Well Number: 608114005900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 2500 - 15315	Water Depth: 1438
Public Info Code: Y 28-JUN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF AT 0
4720 / 4720	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9280 / 9280	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9370 / 9370	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10480 / 10480	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10750 / 10749	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
13540 / 13537	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
13720 / 13717	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
13900 / 13896	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
15315 / 15309	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 108	Date of Summary: 13-MAY-1986	First Sample Examined: 2500
Lease Number: G07014	Source of Paleo: OPERATOR	Borehole MD: 15315
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15307
API Well Number: 608114005900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 2500 - 15315	Water Depth: 1438
Public Info Code: Y 28-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	POS IN 5
2501 / 2501	DEF AT cement	POS IN 5
2620 / 2620	DEF AT faunal change (no faunal increase)	DEF IN 5
2680 / 2680	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2980 / 2980	DEF AT sample gap top	POS AT 5
3040 / 3040	DEF AT sample gap bottom	DEF AT 5
3970 / 3970	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4450 / 4450	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9450 / 9450	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
13510 /13507	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13570 /13567	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
14050 /14046	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14230 /14226	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15315 /15309	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 108	<b>Date of Summary:</b> 21-NOV-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07014	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11504
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11324
<b>API Well Number:</b> 608114006600	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1426
<b>Public Info Code:</b> Y 28-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4280 / 4258	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8810 / 8632	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11274 / 11095	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 108	<b>Date of Summary:</b> 21-NOV-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07014	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12217
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11495
<b>API Well Number:</b> 608114006601	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1426
<b>Public Info Code:</b> Y 28-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11416 /11032	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11810 /11296	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11940 /11380	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 108	<b>Date of Summary:</b> 25-MAR-1991	<b>First Sample Examined:</b> 3075
<b>Lease Number:</b> G07014	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11470
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11469
<b>API Well Number:</b> 608114018000	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3075 - 11470	<b>Water Depth:</b> 1387
<b>Public Info Code:</b> Y 28-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3075 / 3075	DEF AT first sample examined	DEF AT 0
3280 / 3280	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4810 / 4810	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9220 / 9220	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10630 /10630	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11079 /11078	POS AT domal material	DEF AT 0
11080 /11079	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
11350 /11349	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
11470 /11469	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 108	Date of Summary: 26-MAR-1991	First Sample Examined: 3075
Lease Number: G07014	Source of Paleo: OPERATOR	Borehole MD: 11470
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11469
API Well Number: 608114018000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 3075 - 11470	Water Depth: 1387
Public Info Code: Y 28-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3075 / 3075	DEF AT first sample examined	DEF IN 4
3280 / 3280	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4000 / 4000	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4630 / 4630	DEF AT faunal change (no faunal increase)	DEF IN 5
9190 / 9190	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
10630 / 10630	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
11080 / 11079	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
11170 / 11169	POS AT limestone	DEF AT 6
11200 / 11199	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
11349 / 11348	DEF AT domal material	DEF AT 6
11350 / 11349	DEF AT anhydrite	DEF AT 6
11351 / 11350	DEF AT domal material	DEF AT 6
11440 / 11439	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
11470 / 11469	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 01-AUG-1984	First Sample Examined: 2400
Lease Number: G05901	Source of Paleo: OPERATOR	Borehole MD: 17147
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 17147
API Well Number: 608114001600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 5	Sample Range: 2400 - 17220	Water Depth: 1295
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	DEF AT 4
2401 / 2401	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2820 / 2820	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3330 / 3330	DEF AT Illinoian fauna (local marker)	DEF AT 4
3810 / 3810	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4139 / 4139	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
4140 / 4140	DEF IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
4410 / 4410	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4530 / 4530	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5070 / 5070	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
5300 / 5300	DEF AT -----	DEF AT 5
6050 / 6050	DEF AT -----	DEF AT 4
6570 / 6570	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 4
7410 / 7409	DEF AT -----	DEF AT 5
9660 / 9659	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
10620 / 10618	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
12210 / 12207	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
12388 / 12384	POS AT unconformity	DEF AT 5
12389 / 12385	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12390 / 12386	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12719 / 12715	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
12720 / 12716	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 01-AUG-1984	First Sample Examined: 2400
Lease Number: G05901	Source of Paleo: OPERATOR	Borehole MD: 17147
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 17147
API Well Number: 608114001600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 5	Sample Range: 2400 - 17220	Water Depth: 1295
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 005

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17220 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 01-AUG-1984	First Sample Examined: 16990
Lease Number: G05901	Source of Paleo: OPERATOR	Borehole MD: 17147
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 17147
API Well Number: 608114001600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 5	Sample Range: 16990 - 17220	Water Depth: 1295
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Report=nannos=sidetrack; no coccolith markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16990 /16968	POS AT first sample examined	DEF AT 5
16991 /16969	DEF IN Upper Pliocene Piacenzian Stage	DEF AT 0
17220 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 07-SEP-1984	First Sample Examined: 2460
Lease Number: G05901	Source of Paleo: OPERATOR	Borehole MD: 17147
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17147
API Well Number: 608114001600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 3 of 5	Sample Range: 2460 - 17220	Water Depth: 1295
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2460 / 2460	DEF AT first sample examined	DEF IN 3
2580 / 2580	DEF AT - - - - -	DEF AT 5
2820 / 2820	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3840 / 3840	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4230 / 4230	DEF AT sample gap top	DEF AT 0
4320 / 4320	DEF AT sample gap bottom	DEF AT 0
4680 / 4680	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8550 / 8549	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9450 / 9449	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
12240 / 12237	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12630 / 12626	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12780 / 12776	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13500 / 13495	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
16890 / 16868	DEF AT drilling material	DEF AT 0
17220 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 07-SEP-1984	First Sample Examined: 16990
Lease Number: G05901	Source of Paleo: OPERATOR	Borehole MD: 17147
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17147
API Well Number: 608114001600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 4 of 5	Sample Range: 16990 - 17080	Water Depth: 1295
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16990 /16968	DEF AT first sample examined	DEF AT 5
16991 /16969	DEF IN Upper Pliocene Piacenzian Stage	DEF AT 0
17080 /17058	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 03-DEC-1984	First Sample Examined: 0
Lease Number: G05901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17147
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17147
API Well Number: 608114001600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 88
Paleo Report Num: 5 of 5	Sample Range: 0 - 0	Water Depth: 1295
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14332 /14325	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0
15071 /15063	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 11-SEP-1987	First Sample Examined: 0
Lease Number: G05901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12413
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12004
API Well Number: 608114007600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1754
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4750	POS AT Pleistocene	DEF AT 0
12160 / 11791	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary:	First Sample Examined: 0
Lease Number: G05901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11740
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11670
API Well Number: 608114007601	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1754
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11580 /11511	POS IN Pleistocene	DEF AT 0
11640 /11571	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 110	Date of Summary: 25-NOV-1987	First Sample Examined: 0
Lease Number: G05901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13966
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12796
API Well Number: 608114007602	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1754
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13380 /12298	POS IN Pleistocene	DEF AT 0
13560 /12451	POS IN Pliocene	DEF AT 0
13910 /12749	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> GC 110 <b>Lease Number:</b> G05901 <b>Well Name:</b> 003 <b>API Well Number:</b> 608114010700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 27-DEC-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 18522 <b>Borehole TVD:</b> 17500 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 1330 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8415 / 8414	POS IN Pleistocene	DEF AT 0
10852 / 10850	POS AT Pliocene	DEF AT 0
13047 / 12840	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 112	Date of Summary:	First Sample Examined: 3800
Lease Number: G05903	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 608114001500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3800 - 15000	Water Depth: 1464
Public Info Code: Y 07-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3800 /	DEF AT first sample examined	DEF AT 2
5180 /	DEF AT -----	DEF AT 4
5210 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5600 /	DEF AT -----	DEF AT 5
10130 /	DEF AT -----	DEF AT 4
12290 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13010 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13520 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
15000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 136	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G04508	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7812
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7812
API Well Number: 608115000300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 955
Public Info Code: Y 01-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 /	POS AT Upper Pleistocene	DEF AT 0
5950 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7208 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 136	Date of Summary:	First Sample Examined: 0
Lease Number: G04508	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14453
API Well Number: 608115001200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 859
Public Info Code: Y 09-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
10230 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
13320 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
14500 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 136	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G04508	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13652
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13652
API Well Number: 608115001300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1048
Public Info Code: Y 13-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
13020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13370 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 147	Date of Summary: 10-JUN-1988	First Sample Examined: 0
Lease Number: G07020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11503
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11412
API Well Number: 608114007900	Drilling Operator: TEXACO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1275
Public Info Code: Y 28-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2460 / 2460	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2640 / 2640	DEF AT Illinoian fauna (local marker)	DEF AT 0
4960 / 4960	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
6310 / 6310	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7420 / 7420	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7810 / 7810	DEF AT Aftonian fauna (local marker)	DEF AT 0
9490 / 9489	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10510 / 10508	POS AT Pliocene	DEF AT 0
11000 / 10997	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 150	<b>Date of Summary:</b> 01-MAR-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13695	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9585
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9585
<b>API Well Number:</b> 608114019000	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 2168
<b>Public Info Code:</b> Y 24-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4770	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
6690 / 6690	DEF AT Illinoian fauna (local marker)	DEF AT 0
6780 / 6780	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
6781 / 6781	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8000 / 8000	DEF AT local marker floral increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 152	Date of Summary: 07-AUG-1985	First Sample Examined: 2860
Lease Number: G07022	Source of Paleo: OPERATOR	Borehole MD: 18811
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18811
API Well Number: 608114004400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 2	Sample Range: 2860 - 18810	Water Depth: 1618
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2860 / 2860	DEF AT first sample examined	DEF IN 4
3490 / 3490	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
4510 / 4510	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 4
6160 / 6160	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
6820 / 6820	DEF AT faunal change (no faunal increase)	DEF AT 5
7870 / 7870	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10240 /10239	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
12550 /12544	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12670 /12664	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12820 /12814	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14860 /14852	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
16150 /16140	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
16480 /16469	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
17950 /17935	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
18810 /18793	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 152	Date of Summary: 20-AUG-1990	First Sample Examined: 2860
Lease Number: G07022	Source of Paleo: OPERATOR	Borehole MD: 18811
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18811
API Well Number: 608114004400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 2860 - 18810	Water Depth: 1618
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2860 / 2860	DEF AT first sample examined	DEF AT 0
4300 / 4300	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
7720 / 7720	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
8260 / 8260	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9520 / 9520	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9610 / 9610	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
12580 / 12574	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
12670 / 12664	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12850 / 12844	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13300 / 13293	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
14860 / 14852	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
17680 / 17666	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
18540 / 18523	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
18810 / 18793	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 152	<b>Date of Summary:</b> 10-JAN-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07022	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16291
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14133
<b>API Well Number:</b> 608114004401	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 37
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1618
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4468	DEF AT Aftonian fauna (local marker)	DEF AT 0
12030 / 10923	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
15600 / 13658	DEF AT Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 154	Date of Summary: 27-JAN-1988	First Sample Examined: 0
Lease Number: G05907	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11281
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10244
API Well Number: 608114008400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1452
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 4734	POS AT Pleistocene	DEF AT 0
10740 / 9770	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 154	Date of Summary: 24-FEB-1988	First Sample Examined: 0
Lease Number: G05907	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12643
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10871
API Well Number: 608114008401	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1452
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11820 /10278	POS IN Pleistocene	DEF AT 0
12120 /10493	POS AT Pliocene	DEF AT 0
12565 /10818	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 154	Date of Summary: 25-MAY-1988	First Sample Examined: 0
Lease Number: G05908	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8454
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8043
API Well Number: 608114008402	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1452
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4840 / 4832	POS AT Pleistocene	DEF AT 0
8370 / 7975	POS IN Pleistocene	DEF AT 0
8441 / 8035	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 162	Date of Summary: 14-JUL-1989	First Sample Examined: 4740
Lease Number: G07025	Source of Paleo: OPERATOR	Borehole MD: 14410
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14408
API Well Number: 608115006800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4740 - 14400	Water Depth: 2616
Public Info Code: Y 19-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 /	DEF AT first sample examined	DEF IN 3
6800 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
7230 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11670 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12630 /	POS AT anhydrite	DEF AT 5
12750 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12870 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13410 /	DEF AT faunal change (no faunal increase)	DEF AT 6
13710 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13890 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
13891 /	POS AT gouge	DEF AT 6
14190 /	DEF AT anhydrite	DEF AT 6
14400 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 162	Date of Summary: 14-JUL-1989	First Sample Examined: 4740
Lease Number: G07025	Source of Paleo: OPERATOR	Borehole MD: 14410
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14408
API Well Number: 608115006800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4740 - 14400	Water Depth: 2616
Public Info Code: Y 19-OCT-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4740 /	DEF AT first sample examined	DEF AT 0
7380 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
11580 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
12480 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
12750 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
12870 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
13079 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13080 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
13649 /	POS AT reworked material	DEF AT 0
13650 /	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
13920 /	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 0
14400 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 162	Date of Summary: 25-APR-1990	First Sample Examined: 4700
Lease Number: G07025	Source of Paleo: OPERATOR	Borehole MD: 15040
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15002
API Well Number: 608115007200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 4700 - 13026	Water Depth: 2540
Public Info Code: Y 19-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4700 / 4700	DEF AT first sample examined	DEF IN 4
6770 / 6770	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7100 / 7100	DEF AT faunal change (no faunal increase)	DEF AT 5
9420 / 9420	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
12360 / 12358	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12420 / 12418	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12780 / 12778	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13026 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 162	<b>Date of Summary:</b> 25-APR-1990	<b>First Sample Examined:</b> 4700
<b>Lease Number:</b> G07025	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15040
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15002
<b>API Well Number:</b> 608115007200	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 4700 - 12974	<b>Water Depth:</b> 2540
<b>Public Info Code:</b> Y 19-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4700	DEF AT first sample examined	DEF AT 0
7070 / 7070	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9420 / 9420	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10590 / 10589	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
11130 / 11129	POS IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
12030 / 12028	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
12360 / 12358	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
12480 / 12478	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12570 / 12568	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
12840 / 12838	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
12974 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 162	Date of Summary: 25-APR-1990	First Sample Examined: 12030
Lease Number: G07025	Source of Paleo: OPERATOR	Borehole MD: 15040
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15002
API Well Number: 608115007200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 12030 - 15040	Water Depth: 2540
Public Info Code: Y 19-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12030 /12028	DEF AT first sample examined	DEF AT 5
12390 /12388	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12480 /12478	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12780 /12778	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12940 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13020 /	POS AT anhydrite	DEF AT 0
14430 /	DEF AT sample gap top	DEF AT 0
14820 /	DEF AT sample gap bottom	DEF AT 0
15040 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 162	Date of Summary: 25-APR-1990	First Sample Examined: 12030
Lease Number: G07025	Source of Paleo: OPERATOR	Borehole MD: 15040
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15002
API Well Number: 608115007200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 12030 - 15040	Water Depth: 2540
Public Info Code: Y 19-OCT-1990	Ecozone Eq MMS:	Paleo ID: 005

**Remark:** Report=sidetrack 1=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
12030 /12028	DEF AT first sample examined	DEF AT 0
12390 /12388	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
12480 /12478	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12660 /12658	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
12840 /12838	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
12960 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
13020 /	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
13230 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
15040 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 184	Date of Summary: 29-JUL-1981	First Sample Examined: 4000
Lease Number: G04518	Source of Paleo: OPERATOR	Borehole MD: 11288
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11260
API Well Number: 608115000200	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11230	Water Depth: 1528
Public Info Code: Y 31-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3999	DEF AT first sample examined	DEF AT 2
5530 / 5529	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5590 / 5589	DEF AT -----	DEF AT 1
8110 / 8107	DEF AT -----	DEF AT 2
8260 / 8257	DEF AT -----	DEF AT 4
8290 / 8287	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8360 / 8357	DEF AT cement	DEF AT 0
8710 / 8707	DEF AT -----	DEF AT 3
8980 / 8977	DEF AT -----	DEF AT 2
10120 / 10115	DEF AT -----	DEF AT 3
11200 / 11174	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11230 / 11203	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 184	Date of Summary: 30-MAR-1982	First Sample Examined: 2000
Lease Number: G04518	Source of Paleo: OPERATOR	Borehole MD: 14546
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14454
API Well Number: 608115000700	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2000 - 14510	Water Depth: 960
Public Info Code: Y 06-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT cement	DEF AT 1
2510 / 2510	DEF AT -----	DEF AT 3
2630 / 2630	POS IN Pleistocene	DEF AT 3
2720 / 2720	DEF AT -----	DEF AT 1
4010 / 4009	DEF AT -----	DEF AT 2
4850 / 4849	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4910 / 4909	DEF AT -----	DEF AT 1
5300 / 5298	DEF AT cement	DEF AT 0
5810 / 5808	DEF AT -----	DEF AT 1
7160 / 7155	DEF AT -----	DEF AT 3
7280 / 7275	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7580 / 7574	DEF AT -----	DEF AT 2
7820 / 7815	DEF AT cement	DEF AT 0
8750 / 8743	DEF AT -----	DEF AT 2
9320 / 9312	DEF AT -----	DEF AT 3
9890 / 9882	DEF AT -----	DEF AT 2
10310 / 10302	DEF AT -----	DEF AT 3
11870 / 11852	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
13040 / 12993	DEF AT -----	DEF AT 2
13820 / 13752	DEF AT local marker foram increase	DEF AT 3
14300 /	DEF AT -----	DEF AT 2
14510 /	DEF AT last sample examined	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 184	<b>Date of Summary:</b> 27-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04518	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14546
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14454
<b>API Well Number:</b> 608115000700	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 960
<b>Public Info Code:</b> Y 06-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7280 / 7275	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 184	Date of Summary: 27-OCT-1982	First Sample Examined: 3990
Lease Number: G04518	Source of Paleo: OPERATOR	Borehole MD: 10222
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10212
API Well Number: 608115000800	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3990 - 10170	Water Depth: 1816
Public Info Code: Y 31-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
3990 / 3989	DEF AT first sample examined	DEF AT 2
4740 / 4737	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5250 / 5247	DEF AT -----	DEF AT 1
7710 / 7706	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7830 / 7826	DEF AT -----	DEF AT 2
9090 / 9084	DEF AT -----	DEF AT 3
9660 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10170 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 184	Date of Summary: 20-JAN-1983	First Sample Examined: 2880
Lease Number: G04518	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11492
API Well Number: 608115001000	Drilling Operator: CONOCO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2880 - 12480	Water Depth: 1835
Public Info Code: Y 30-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2880 / 2880	DEF AT first sample examined	DEF AT 0
2881 / 2881	DEF AT cement	DEF AT 0
3090 / 3090	DEF AT -----	DEF AT 1
3450 / 3450	DEF AT -----	DEF AT 2
4600 / 4599	DEF AT -----	DEF AT 1
4890 / 4888	DEF AT cement	DEF AT 0
5100 / 5098	DEF AT -----	DEF AT 1
5190 / 5188	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5820 / 5818	DEF AT -----	DEF AT 2
6420 / 6418	DEF AT -----	DEF AT 1
6810 / 6807	DEF AT local marker (general)	DEF AT 3
6990 / 6987	DEF AT -----	DEF AT 1
9120 / 9116	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9330 / 9326	DEF AT -----	DEF AT 2
10710 / 10705	DEF AT -----	DEF AT 1
11430 / 11425	DEF AT -----	DEF AT 3
12480 / 12472	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 184	Date of Summary: 25-APR-1983	First Sample Examined: 2370
Lease Number: G04518	Source of Paleo: OPERATOR	Borehole MD: 12360
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11023
API Well Number: 608115001100	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2370 - 12330	Water Depth: 1278
Public Info Code: Y 18-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2370 / 2370	DEF AT first sample examined	DEF AT 2
4820 / 4815	DEF AT cement	DEF AT 0
5040 / 5035	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
7080 / 6919	DEF AT -----	DEF AT 2
7620 / 7331	DEF AT -----	DEF AT 3
7860 / 7515	DEF AT -----	DEF AT 1
8970 / 8379	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9150 / 8515	DEF AT -----	DEF AT 2
10010 / 9188	DEF AT -----	DEF AT 1
10860 / 9839	DEF AT -----	DEF AT 3
12330 / 10999	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 197	<b>Date of Summary:</b> 15-DEC-1989	<b>First Sample Examined:</b> 4130
<b>Lease Number:</b> G11031	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17253
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17250
<b>API Well Number:</b> 608114013900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4130 - 17253	<b>Water Depth:</b> 2100
<b>Public Info Code:</b> Y 30-APR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 /	DEF AT first sample examined	DEF AT 5
5150 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
10370 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
12410 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
12950 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13880 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14660 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
16010 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
17253 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 199	<b>Date of Summary:</b> 27-NOV-1984	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G07034	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14996
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14996
<b>API Well Number:</b> 608114002300	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 3500 - 13730	<b>Water Depth:</b> 2315
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF IN 4
3830 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4910 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
5360 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10340 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11540 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
12020 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12050 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12170 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12200 /	DEF AT faunal change (no faunal increase)	DEF AT 6
13730 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 199	<b>Date of Summary:</b> 27-NOV-1984	<b>First Sample Examined:</b> 13010
<b>Lease Number:</b> G07034	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14996
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14996
<b>API Well Number:</b> 608114002300	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 13010 - 14990	<b>Water Depth:</b> 2315
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13010 /	DEF AT first sample examined	DEF IN 6
13160 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14990 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 199	Date of Summary: 07-DEC-1984	First Sample Examined: 3500
Lease Number: G07034	Source of Paleo: OPERATOR	Borehole MD: 14996
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14996
API Well Number: 608114002300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 3 of 4	Sample Range: 3500 - 13640	Water Depth: 2315
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; 10200=Scyphosphaera apsteinii and Rhabdosphaera procera

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 0
3830 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5090 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
5360 /	DEF AT local marker floral increase	DEF AT 0
10200 /	DEF AT local marker floral increase	DEF AT 0
10310 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
11570 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
12020 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
12110 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 0
12200 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus primus	DEF AT 0
12380 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
12470 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
13190 /	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 0
13460 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 0
13670 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 199	Date of Summary: 07-DEC-1984	First Sample Examined: 13010
Lease Number: G07034	Source of Paleo: OPERATOR	Borehole MD: 14996
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14996
API Well Number: 608114002300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 4 of 4	Sample Range: 13010 - 14990	Water Depth: 2315
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13010 /	DEF AT first sample examined	DEF AT 0
13011 /	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 0
13200 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 0
14989 /	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 0
14990 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 227	Date of Summary: 25-SEP-1990	First Sample Examined: 3140
Lease Number: G08001	Source of Paleo: OPERATOR	Borehole MD: 8790
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8788
API Well Number: 608114016300	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 3140 - 8770	Water Depth: 1813
Public Info Code: Y 22-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 /	DEF AT first sample examined	DEF AT 0
3141 /	DEF AT cement	DEF AT 0
5480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7160 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8740 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 227	<b>Date of Summary:</b> 25-SEP-1990	<b>First Sample Examined:</b> 3140
<b>Lease Number:</b> G08001	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8790
<b>Well Name:</b> 001	<b>Paleo Done By:</b> DAVID D. REIMERS	<b>Borehole TVD:</b> 8788
<b>API Well Number:</b> 608114016300	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3140 - 8770	<b>Water Depth:</b> 1813
<b>Public Info Code:</b> Y 22-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 /	DEF AT first sample examined	DEF AT 0
3141 /	POS IN Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
7540 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7870 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
8770 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 235	Date of Summary: 05-NOV-1984	First Sample Examined: 2750
Lease Number: G05913	Source of Paleo: OPERATOR	Borehole MD: 13074
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13061
API Well Number: 608114002000	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 2750 - 13040	Water Depth: 1690
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 /	DEF AT first sample examined	DEF AT 3
3990 /	DEF AT -----	DEF AT 2
4100 /	DEF AT sample gap top	DEF AT 0
4289 /	DEF AT sample gap bottom	DEF AT 0
4290 /	DEF AT cement	DEF AT 0
4910 /	DEF AT -----	DEF AT 3
6290 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6560 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7550 /	DEF AT sample gap top	DEF AT 0
8119 /	DEF AT sample gap bottom	DEF AT 0
8120 /	DEF AT -----	DEF AT 1
9650 /	DEF AT -----	DEF AT 2
9770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
10340 /	DEF AT -----	DEF AT 3
10850 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11180 /	DEF AT -----	DEF AT 4
12220 /	DEF AT -----	DEF AT 3
12770 /	DEF AT -----	DEF AT 4
13040 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 235	Date of Summary: 06-DEC-1984	First Sample Examined: 0
Lease Number: G05913	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13074
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13061
API Well Number: 608114002000	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1690
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 /	DEF AT Lower Pleistocene (Calabrian) Hyalina "B" = Trimosina "B"	DEF AT 0
9770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10850 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 260	<b>Date of Summary:</b> 13-JAN-1999	<b>First Sample Examined:</b> 5730
<b>Lease Number:</b> G11045	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14757
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14500
<b>API Well Number:</b> 608115007700	<b>Drilling Operator:</b> BP EXPLORATION & OIL INC	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5730 - 14757	<b>Water Depth:</b> 3730
<b>Public Info Code:</b> Y 21-DEC-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 5730	DEF AT first sample examined	DEF AT
5731 / 5731	DEF AT cement	DEF AT
5850 / 5850	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	POS AT 4
6660 / 6660	DEF AT faunal change (no faunal increase)	DEF IN 4
7690 / 7690	DEF AT faunal change (no faunal increase)	POS AT 4
9550 / 9550	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	POS AT 4
10660 /10660	DEF AT faunal change (no faunal increase)	DEF IN 4
10750 /10750	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF IN 4
11470 /11467	DEF AT faunal change (no faunal increase)	POS IN 4
14380 /14153	DEF AT faunal change (no faunal increase)	DEF AT 4
14500 /14264	DEF AT faunal change (no faunal increase)	DEF IN 4
14610 /14366	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF IN 4
14757 /14501	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 736	Date of Summary: 23-AUG-1989	First Sample Examined: 6660
Lease Number: G09971	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12751
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 12751
API Well Number: 608114009800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 6660 - 12750	Water Depth: 4471
Public Info Code: Y 05-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 /	DEF AT first sample examined	DEF AT 4
6661 /	DEF AT cement	DEF AT 4
6720 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6930 /	DEF AT drilling material	DEF AT 4
6990 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7470 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7500 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7560 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
7710 /	DEF AT local marker foram decrease	DEF AT 5
7890 /	DEF AT gray shale	DEF AT 5
8340 /	DEF AT cement	DEF AT 5
8550 /	DEF AT drilling material	POS AT 5
9480 /	DEF AT -----	DEF AT 4
9540 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10020 /	DEF AT -----	DEF AT 5
10380 /	POS AT local marker planktic foram increase	DEF AT 5
11070 /	DEF AT local marker planktic foram increase	DEF AT 5
11100 /	DEF AT cement	DEF AT 5
11189 /	DEF AT sand	DEF AT 5
11190 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11250 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12090 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 736	Date of Summary: 23-AUG-1989	First Sample Examined: 6660
Lease Number: G09971	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12751
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 12751
API Well Number: 608114009800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 6660 - 12750	Water Depth: 4471
Public Info Code: Y 05-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12420 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
12480 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
12630 /	DEF AT local marker foram increase	DEF AT 5
12690 /	DEF IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
12750 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GC 908	Date of Summary: 30-JUL-1990	First Sample Examined: 0
Lease Number: G11096	Source of Paleo: OPERATOR	Borehole MD: 17351
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17349
API Well Number: 608115007500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 5678
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9110 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
16130 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GC 908	<b>Date of Summary:</b> 26-MAR-1998	<b>First Sample Examined:</b> 9110
<b>Lease Number:</b> G11096	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17351
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17349
<b>API Well Number:</b> 608115007500	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 48
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7640 - 17351	<b>Water Depth:</b> 5678
<b>Public Info Code:</b> Y 30-APR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7640 /	DEF AT first sample examined	DEF AT
9110 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
9380 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
9920 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 4
10490 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
16130 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
17180 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
17240 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 4
17351 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 18	Date of Summary: 19-JUN-1981	First Sample Examined: 0
Lease Number: 00032	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10820
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10820
API Well Number: 177174012700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3220 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
3221 /	POS AT Pliocene	DEF AT 0
8210 /	POS AT Upper (Late) Miocene	DEF AT 0
8211 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 20	Date of Summary: 26-JAN-1979	First Sample Examined: 1790
Lease Number: G03596	Source of Paleo: OPERATOR	Borehole MD: 16350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16350
API Well Number: 177174010500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1400 - 16340	Water Depth: 63
Public Info Code: Y 27-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 /	DEF AT first sample examined	DEF AT 1
1790 /	DEF AT local marker foram increase	DEF AT 1
1820 /	DEF AT sample gap top	POS AT 1
3290 /	DEF AT sample gap bottom	DEF AT 1
4400 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4490 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7580 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8570 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9440 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10130 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
12470 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
13040 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13220 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
14030 /	DEF AT local marker deep water fauna	DEF AT 4
14360 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
16340 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 20	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G03596	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 177174014300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 02-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7580 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8600 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 20	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G03596	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13406
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13162
API Well Number: 177174015400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 19-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7599	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8600 / 8599	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9600 / 9599	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10152 / 10142	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 20	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G03596	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14380
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13294
API Well Number: 177174014800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8625 / 8369	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9470 / 9094	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9740 / 9330	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10165 / 9704	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
10166 / 9705	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 20	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G03597	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13550
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13210
API Well Number: 177174013700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 18-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 7619	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8620 / 8612	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 20	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G03597	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14861
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14465
API Well Number: 177174013800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 14-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8075 / 8035	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9540 / 9426	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 0
13360 /13049	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
14424 /14050	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GI 24	<b>Date of Summary:</b> 06-JUN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05652	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13514
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13514
<b>API Well Number:</b> 177174026500	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 27-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7920 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9070 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10013 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11020 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 24	Date of Summary: 06-JUN-1988	First Sample Examined: 0
Lease Number: G05652	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13863
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13785
API Well Number: 177174026501	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 27-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9070 / 9069	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10013 / 10012	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11058 / 11028	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 33	Date of Summary: 23-FEB-1983	First Sample Examined: 7480
Lease Number: G04002	Source of Paleo: OPERATOR	Borehole MD: 13858
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13773
API Well Number: 177174014400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 25-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9230 / 9229	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9800 / 9799	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
13820 / 13817	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 37	Date of Summary: 25-JUL-1995	First Sample Examined: 0
Lease Number: 00392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10034
Well Name: 025	Paleo Done By: OPERATOR	Borehole TVD: 9950
API Well Number: 177174015700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 15-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9534 / 9461	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 38	Date of Summary: 02-DEC-1980	First Sample Examined: 12110
Lease Number: 00613	Source of Paleo: OPERATOR	Borehole MD: 16497
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 16497
API Well Number: 177174012300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 18-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12520 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
16497 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 44	Date of Summary: 25-OCT-1985	First Sample Examined: 0
Lease Number: G07786	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13642
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13109
API Well Number: 177174020400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8060 / 8060	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
9410 / 9376	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
9755 / 9692	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10995 / 10767	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11785 / 11464	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12920 / 12459	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 45	Date of Summary: 25-MAY-1972	First Sample Examined: 9000
Lease Number: G01582	Source of Paleo: OPERATOR	Borehole MD: 12527
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12527
API Well Number: 177172010900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 9000 - 12510	Water Depth: 90
Public Info Code: Y 30-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF AT 3
9030 /	POS AT Cyclammina sp. (local marker)	DEF AT 3
9660 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9810 /	DEF AT -----	DEF AT 3
10410 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10800 /	DEF AT -----	DEF AT 3
10920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11250 /	DEF AT -----	DEF AT 4
11730 /	DEF AT -----	DEF AT 3
12150 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12510 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 72	Date of Summary: 04-NOV-1991	First Sample Examined: 0
Lease Number: G07787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10438
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10394
API Well Number: 177174033301	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 127
Public Info Code: Y 05-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 6338	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 78	Date of Summary: 09-DEC-1985	First Sample Examined: 0
Lease Number: G05656	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14075
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11097
API Well Number: 177174019400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 07-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5825 / 5552	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6165 / 5791	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7376 / 6651	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9330 / 7919	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 83	Date of Summary:	First Sample Examined: 0
Lease Number: G03793	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12145
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10145
API Well Number: 177174011000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 10-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8470 / 8172	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9940 / 9435	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 90	Date of Summary: 24-MAY-1983	First Sample Examined: 0
Lease Number: G04003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10529
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8374
API Well Number: 177184003900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 11-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9505 / 7752	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 90	Date of Summary: 09-JAN-1986	First Sample Examined: 0
Lease Number: G04003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10529
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8374
API Well Number: 177184003900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 11-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 6539	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10524 / 8366	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 90	Date of Summary: 24-MAY-1983	First Sample Examined: 0
Lease Number: G04003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13738
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12934
API Well Number: 177184003901	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 13-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7596	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
10524 / 10256	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 90	Date of Summary: 20-SEP-1983	First Sample Examined: 0
Lease Number: G04003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12390
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8510
API Well Number: 177184004000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 05-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10004 / 7197	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 94	Date of Summary:	First Sample Examined: 0
Lease Number: G02629	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9156
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 7397
API Well Number: 177184001800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 208
Public Info Code: Y 11-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4760 / 4311	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5685 / 4943	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8910 / 7217	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 94	Date of Summary:	First Sample Examined: 0
Lease Number: G02629	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9680
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 7185
API Well Number: 177184002300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 208
Public Info Code: Y 11-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5825 / 4993	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 106	Date of Summary: 10-AUG-1984	First Sample Examined: 0
Lease Number: G05664	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10890
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10890
API Well Number: 177184004800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 23-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7470 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10350 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 106	Date of Summary: 19-JUL-1988	First Sample Examined: 0
Lease Number: G05664	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9960
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9258
API Well Number: 177184005900	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 309
Public Info Code: Y 23-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 6696	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8930 / 8349	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9170 / 8558	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9260 / 8637	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GI 109	<b>Date of Summary:</b> 03-APR-1990	<b>First Sample Examined:</b> 3920
<b>Lease Number:</b> G10872	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9500
<b>API Well Number:</b> 177184006300	<b>Drilling Operator:</b> NORCEN EXPLORER INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3920 - 9500	<b>Water Depth:</b> 279
<b>Public Info Code:</b> Y 30-JUN-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3920 /	DEF AT first sample examined	DEF IN 3
4330 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5680 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6350 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6950 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8000 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8990 /	DEF AT faunal change (no faunal increase)	DEF AT 6
9200 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9500 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> GI 113	<b>Date of Summary:</b> 27-APR-1988	<b>First Sample Examined:</b> 6800
<b>Lease Number:</b> G05859	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15206
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12173
<b>API Well Number:</b> 177184005800	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6800 - 15201	<b>Water Depth:</b> 520
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 5927	DEF AT first sample examined	DEF AT 5
8190 / 6796	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10050 / 8077	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10140 / 8143	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15206 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 116	Date of Summary: 23-JAN-1989	First Sample Examined: 1400
Lease Number: G08733	Source of Paleo: OPERATOR	Borehole MD: 11674
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9951
API Well Number: 177184006100	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1400 - 11660	Water Depth: 330
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details; 10220 by nannofossil marker

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT first sample examined	DEF AT 2
1490 / 1490	DEF IN Wisconsin fauna (local marker)	DEF AT 3
1790 / 1790	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2180 / 2180	DEF AT faunal change (no faunal increase)	DEF AT 3
2300 / 2300	DEF AT faunal change (no faunal increase)	DEF AT 4
2390 / 2390	DEF AT faunal change (no faunal increase)	DEF AT 3
3080 / 3080	DEF AT Illinoian fauna (local marker)	DEF AT 4
3440 / 3440	DEF AT faunal change (no faunal increase)	DEF AT 3
5000 / 5000	DEF AT faunal change (no faunal increase)	DEF AT 4
5060 / 5060	DEF AT faunal change (no faunal increase)	DEF AT 3
5300 / 5300	DEF AT local marker foram increase	DEF AT 4
5420 / 5420	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5510 / 5510	DEF AT faunal change (no faunal increase)	DEF AT 4
5690 / 5690	DEF AT local marker foram increase	DEF AT 5
6320 / 6309	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6500 / 6476	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6590 / 6557	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
6680 / 6637	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6740 / 6689	DEF AT faunal change (no faunal increase)	DEF AT 5
6890 / 6813	DEF AT faunal change (no faunal increase)	DEF AT 4
7100 / 6976	POS AT faunal change (no faunal increase)	DEF AT 3
7190 / 7042	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 116	Date of Summary: 23-JAN-1989	First Sample Examined: 1400
Lease Number: G08733	Source of Paleo: OPERATOR	Borehole MD: 11674
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9951
API Well Number: 177184006100	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1400 - 11660	Water Depth: 330
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8210 / 7714	DEF AT faunal change (no faunal increase)	DEF AT 3
8360 / 7808	DEF AT faunal change (no faunal increase)	DEF AT 4
8390 / 7827	DEF AT faunal change (no faunal increase)	DEF AT 3
8510 / 7901	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8600 / 7957	DEF AT faunal change (no faunal increase)	DEF AT 4
8690 / 8014	DEF AT faunal change (no faunal increase)	DEF AT 3
8780 / 8070	DEF AT faunal change (no faunal increase)	DEF AT 5
8840 / 8109	DEF AT faunal change (no faunal increase)	DEF AT 4
9440 / 8499	DEF AT faunal change (no faunal increase)	DEF AT 5
9680 / 8647	DEF AT faunal change (no faunal increase)	DEF AT 4
10190 / 8948	DEF AT faunal change (no faunal increase)	DEF AT 3
10220 / 8966	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10250 / 8983	DEF AT faunal change (no faunal increase)	DEF AT 3
10490 / 9127	DEF AT faunal change (no faunal increase)	DEF AT 4
10550 / 9163	DEF AT faunal change (no faunal increase)	DEF AT 3
11090 / 9525	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11240 / 9632	DEF AT faunal change (no faunal increase)	DEF AT 5
11300 / 9675	DEF AT faunal change (no faunal increase)	DEF AT 4
11659 / 9940	DEF AT gouge	DEF AT 5
11660 / 9941	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 116	Date of Summary: 24-JAN-1989	First Sample Examined: 1400
Lease Number: G08733	Source of Paleo: OPERATOR	Borehole MD: 11674
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9951
API Well Number: 177184006100	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 1400 - 11660	Water Depth: 330
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT first sample examined	DEF AT 0
1401 / 1401	POS IN Upper Pleistocene (Ionian) Emiliana huxleyi (base of acme)	DEF AT 0
1790 / 1790	POS AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT 0
2000 / 2000	DEF AT Middle Pleistocene (Ionian) Crenalithus doronicoides (increase)	DEF AT 0
2090 / 2090	DEF AT local marker floral decrease	DEF AT 0
2990 / 2990	DEF AT local marker floral increase	DEF AT 0
3410 / 3410	DEF AT local marker floral decrease	DEF AT 0
3800 / 3800	DEF AT local marker floral increase	DEF AT 0
4700 / 4700	DEF AT local marker floral decrease	DEF AT 0
5090 / 5090	DEF AT local marker floral increase	DEF AT 0
5120 / 5120	DEF AT local marker floral decrease	DEF AT 0
5390 / 5390	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5420 / 5420	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5719 / 5719	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 0
5720 / 5720	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
5990 / 5989	DEF AT local marker floral decrease	DEF AT 0
6199 / 6193	DEF AT floral flood	DEF AT 0
6200 / 6194	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6289 / 6279	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
6290 / 6280	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
6320 / 6309	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 0
6410 / 6393	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: GI 116	Date of Summary: 24-JAN-1989	First Sample Examined: 1400
Lease Number: G08733	Source of Paleo: OPERATOR	Borehole MD: 11674
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9951
API Well Number: 177184006100	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 1400 - 11660	Water Depth: 330
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
6800 / 6740	DEF AT local marker floral decrease	DEF AT 0
7190 / 7042	DEF AT local marker floral increase	DEF AT 0
10219 / 8965	DEF AT floral flood	DEF AT 0
10220 / 8966	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
10221 / 8966	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
10700 / 9259	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
11090 / 9525	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
11600 / 9896	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
11629 / 9918	DEF AT salt	DEF AT 0
11630 / 9919	DEF AT out-of-place section	DEF AT 0
11660 / 9941	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 22	Date of Summary: 06-JUL-1983	First Sample Examined: 4520
Lease Number: G05006	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14432
API Well Number: 427084013500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 4520 - 14510	Water Depth: 40
Public Info Code: Y 31-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4520 / 4520	DEF AT first sample examined	DEF IN 1
5210 / 5210	DEF AT -----	DEF AT 2
5960 / 5960	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8270 / 8270	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8330 / 8330	DEF AT -----	DEF AT 3
8960 / 8960	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9170 / 9170	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10340 / 10340	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
12890 / 12889	DEF AT sample gap top	DEF AT 0
12950 / 12949	DEF AT sample gap bottom	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 39	Date of Summary: 03-DEC-1997	First Sample Examined: 0
Lease Number: G04078	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17600
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17585
API Well Number: 427104001500	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 16-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: 13530=Gyroidina sp

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11130 /11129	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12240 /12239	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
13530 /13528	DEF AT local marker (general)	DEF AT 0
14430 /14425	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
16590 /16578	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 45	Date of Summary: 30-MAY-1986	First Sample Examined: 0
Lease Number: G05180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 427104005400	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 14-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7300 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7800 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 45	Date of Summary: 25-AUG-1988	First Sample Examined: 0
Lease Number: G05180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15550
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15550
API Well Number: 427104008100	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 14-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 53	Date of Summary: 09-AUG-1984	First Sample Examined: 0
Lease Number: G06139	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8877
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8877
API Well Number: 427084014700	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 28-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8478 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 66	Date of Summary: 01-MAR-1988	First Sample Examined: 0
Lease Number: G06143	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7650
API Well Number: 427084027300	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6067 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7540 /	POS IN Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 67	Date of Summary: 04-FEB-1986	First Sample Examined: 5880
Lease Number: G06144	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9700
API Well Number: 427084019800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4500 - 9720	Water Depth: 44
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5880 /	DEF AT first sample examined	DEF AT 2
6030 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6900 /	DEF AT sample gap top	DEF AT 0
7379 /	DEF AT sample gap bottom	DEF AT 0
7380 /	DEF AT -----	DEF AT 2
8250 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8400 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8790 /	DEF AT local marker benthic foram increase	DEF AT 3
9300 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9720 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 67	Date of Summary: 09-DEC-1987	First Sample Examined: 0
Lease Number: G06144	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9875
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9872
API Well Number: 427084026500	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6415 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9478 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 68	Date of Summary: 23-AUG-1988	First Sample Examined: 0
Lease Number: G06145	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10004
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10004
API Well Number: 427084028500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 13-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9620 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 68	Date of Summary: 28-FEB-1984	First Sample Examined: 300
Lease Number: G06145	Source of Paleo: OPERATOR	Borehole MD: 9564
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9564
API Well Number: 427084013800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 300 - 9564	Water Depth: 45
Public Info Code: Y 13-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
1140 / 1140	DEF AT non-marine sediment	DEF AT 0
2040 / 2040	DEF AT -----	DEF AT 1
2460 / 2460	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3000 / 3000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5760 / 5760	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
5910 / 5910	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
6060 / 6060	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
6180 / 6180	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6960 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6990 /	DEF AT -----	DEF AT 1
8070 /	POS AT reworked material	DEF AT 2
8100 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8190 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
8400 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8580 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8610 /	DEF AT -----	DEF AT 2
8850 /	DEF AT -----	DEF AT 3
9300 /	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
9450 /	DEF AT -----	DEF AT 2
9564 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 68	Date of Summary: 17-AUG-1984	First Sample Examined: 0
Lease Number: G06145	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9564
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9564
API Well Number: 427084013800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 13-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2460 / 2460	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3000 / 3000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5910 / 5910	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
6180 / 6180	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6960 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8100 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8190 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 68	Date of Summary: 08-AUG-1984	First Sample Examined: 0
Lease Number: G06145	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9870
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9573
API Well Number: 427084014800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 13-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2720 / 2660	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
5060 / 4846	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6500 / 6209	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8330 / 8034	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8870 / 8574	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 68	Date of Summary: 03-JUL-1984	First Sample Examined: 1300
Lease Number: G06145	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9477
API Well Number: 427084015300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 1300 - 9700	Water Depth: 45
Public Info Code: Y 13-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	DEF AT non-marine sediment	DEF AT 0
1301 / 1301	DEF AT -----	DEF AT 1
1480 / 1480	DEF AT non-marine sediment	DEF AT 0
1900 / 1900	DEF AT non-marine sediment	DEF AT 0
1901 / 1901	DEF AT -----	DEF AT 1
2020 / 2020	DEF AT -----	DEF AT 1
2500 / 2498	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2920 / 2909	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3280 / 3254	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3400 / 3368	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4630 / 4499	DEF AT cement	DEF AT 0
4720 / 4582	DEF AT -----	DEF AT 1
5920 / 5708	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6100 / 5884	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6400 / 6180	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
6520 / 6299	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6550 / 6329	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
6580 / 6359	DEF AT local marker (general)	DEF AT 2
7090 / 6868	DEF AT -----	DEF AT 1
7750 / 7528	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8290 / 8068	DEF AT -----	DEF AT 2
8320 / 8098	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 68	<b>Date of Summary:</b> 03-JUL-1984	<b>First Sample Examined:</b> 1300
<b>Lease Number:</b> G06145	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9700
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9477
<b>API Well Number:</b> 427084015300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1300 - 9700	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 13-NOV-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 / 8428	DEF AT local marker (general)	DEF AT 2
8860 / 8638	DEF AT poor sample interval top	DEF AT 2
9010 / 8788	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9100 / 8878	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9220 / 8998	DEF AT poor sample interval bottom	DEF AT 2
9310 / 9088	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
9610 / 9387	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9700 / 9477	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 68	<b>Date of Summary:</b> 27-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06145	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9700
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9477
<b>API Well Number:</b> 427084015300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 13-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 5884	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6520 / 6299	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8320 / 8098	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9610 / 9387	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 71	Date of Summary: 02-FEB-1990	First Sample Examined: 0
Lease Number: G07271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11018
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11013
API Well Number: 427084031800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 06-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6820 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 71	Date of Summary: 14-FEB-1990	First Sample Examined: 6350
Lease Number: G07271	Source of Paleo: OPERATOR	Borehole MD: 11018
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11013
API Well Number: 427084031800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1010 - 11018	Water Depth: 40
Public Info Code: Y 06-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6350 /	DEF AT first sample examined	DEF AT 2
6800 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7190 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7430 /	DEF AT -----	DEF AT 1
7820 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9140 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9560 /	DEF AT -----	DEF AT 1
9710 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10160 /	DEF AT -----	DEF AT 3
10610 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10910 /	DEF AT -----	DEF AT 2
11018 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 71	Date of Summary: 02-FEB-1990	First Sample Examined: 0
Lease Number: G07271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15971
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15958
API Well Number: 427084031801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 06-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10610 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 71	Date of Summary: 14-FEB-1990	First Sample Examined: 9400
Lease Number: G07271	Source of Paleo: OPERATOR	Borehole MD: 15971
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15958
API Well Number: 427084031801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 7840 - 15971	Water Depth: 40
Public Info Code: Y 06-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=bypass

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9400 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9580 /	DEF AT -----	DEF AT 1
9820 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10180 /	DEF AT -----	DEF AT 3
10600 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10960 /	DEF AT -----	DEF AT 2
11350 /	DEF AT -----	DEF AT 3
11650 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
11740 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
12070 /	DEF AT -----	DEF AT 2
12310 /	DEF AT -----	DEF AT 4
12400 /	DEF AT -----	DEF AT 3
12550 /	DEF AT -----	DEF AT 5
13090 /	DEF AT -----	DEF AT 4
14200 /	DEF AT -----	DEF AT 1
14410 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1
15490 /	DEF AT -----	DEF AT 3
15971 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 73	Date of Summary: 09-AUG-1988	First Sample Examined: 0
Lease Number: G08557	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9685
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9685
API Well Number: 427084028700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7650 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
8300 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9630 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 74	Date of Summary: 12-FEB-1985	First Sample Examined: 0
Lease Number: G07318	Source of Paleo: OPERATOR	Borehole MD: 10712
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9477
API Well Number: 427104004200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 / 3600	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4140 / 4140	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
4440 / 4440	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4590 / 4590	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
5580 / 5572	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6000 / 5967	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6360 / 6289	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
6420 / 6341	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8310 / 7745	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 0
8490 / 7866	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
9600 / 8642	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
10710 / 9475	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 74	Date of Summary: 19-JUN-1985	First Sample Examined: 1000
Lease Number: G07318	Source of Paleo: OPERATOR	Borehole MD: 10570
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9296
API Well Number: 427104004800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1000 - 10560	Water Depth: 44
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT non-marine sediment	DEF AT 0
1060 / 1060	DEF AT -----	DEF AT 1
1240 / 1240	DEF AT -----	POS AT 2
1300 / 1300	DEF AT -----	DEF AT 1
1780 / 1780	DEF AT non-marine sediment	DEF AT 0
1781 / 1781	DEF AT -----	DEF AT 1
1840 / 1840	DEF AT non-marine sediment	DEF AT 0
2020 / 2020	DEF AT non-marine sediment	DEF AT 0
2021 / 2021	DEF AT -----	DEF AT 1
2140 / 2140	DEF AT -----	DEF AT 1
2320 / 2320	DEF AT non-marine sediment	DEF AT 0
2321 / 2321	DEF AT -----	DEF AT 1
2560 / 2560	DEF AT -----	DEF AT 1
3220 / 3220	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3640 / 3640	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
4120 / 4120	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
4620 / 4620	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4770 / 4770	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6060 / 6000	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6090 / 6026	DEF AT -----	DEF AT 2
6150 / 6078	DEF AT -----	DEF AT 1
6270 / 6178	DEF AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 74	Date of Summary: 19-JUN-1985	First Sample Examined: 1000
Lease Number: G07318	Source of Paleo: OPERATOR	Borehole MD: 10570
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9296
API Well Number: 427104004800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1000 - 10560	Water Depth: 44
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
6360 / 6251	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
6510 / 6367	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7050 / 6760	DEF AT -----	DEF AT 1
7440 / 7035	DEF AT -----	DEF AT 2
8400 / 7752	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
8610 / 7917	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
9390 / 8525	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9570 / 8656	POS AT reworked material	DEF AT 2
10560 / 9388	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 74	Date of Summary: 03-JUL-1985	First Sample Examined: 0
Lease Number: G07318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10570
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9296
API Well Number: 427104004800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3640 / 3640	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4620 / 4620	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4770 / 4770	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6060 / 6000	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6360 / 6251	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
6510 / 6367	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8400 / 7752	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8610 / 7917	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
9390 / 8525	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 86	Date of Summary: 20-NOV-1985	First Sample Examined: 0
Lease Number: G06147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10142
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10142
API Well Number: 427084021200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 12-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4800 / 4800	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6000 / 6000	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6200 / 6200	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8350 / 8350	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
8800 / 8800	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9300 / 9300	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 86	Date of Summary: 17-SEP-1990	First Sample Examined: 0
Lease Number: G06147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8050
API Well Number: 427084021201	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 12-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4827	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6160 / 6032	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6320 / 6188	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 86	Date of Summary: 22-JUL-1988	First Sample Examined: 0
Lease Number: G06147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12060
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9964
API Well Number: 427084027700	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 12-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4850 / 4846	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5700 / 5641	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
5900 / 5818	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8340 / 7562	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
8840 / 7896	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9350 / 8244	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 87	Date of Summary: 30-JAN-1987	First Sample Examined: 3500
Lease Number: G06148	Source of Paleo: OPERATOR	Borehole MD: 9476
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9476
API Well Number: 427084024700	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 3500 - 9476	Water Depth: 41
Public Info Code: Y 07-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3499	DEF AT first sample examined	DEF IN 2
4160 / 4159	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5030 / 5029	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6350 / 6348	DEF AT -----	DEF AT 3
6860 / 6858	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7700 / 7698	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8900 / 8898	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9110 / 9108	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9476 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 87	Date of Summary: 26-FEB-1987	First Sample Examined: 0
Lease Number: G06148	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9476
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9476
API Well Number: 427084024700	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 07-DEC-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4160 / 4159	DEF AT Upper (Late) Miocene	DEF AT 0
4161 / 4160	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6860 / 6858	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7255 / 7253	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7580 / 7578	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7700 / 7698	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8900 / 8898	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9110 / 9108	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 87	Date of Summary: 28-SEP-1988	First Sample Examined: 4000
Lease Number: G06148	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8300
API Well Number: 427084029500	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8290	Water Depth: 40
Public Info Code: Y 07-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
5560 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5920 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7600 /	DEF AT -----	DEF AT 3
8230 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8290 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 88	<b>Date of Summary:</b> 23-AUG-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06149	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9583
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9583
<b>API Well Number:</b> 427084019400	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 22-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 /	POS AT Upper (Late) Miocene	DEF AT 0
6120 /	POS AT Middle Miocene	DEF AT 0
7770 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 88	Date of Summary: 24-FEB-1986	First Sample Examined: 3540
Lease Number: G06149	Source of Paleo: OPERATOR	Borehole MD: 9632
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9632
API Well Number: 427084022500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 3540 - 9600	Water Depth: 45
Public Info Code: Y 22-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4260 /	DEF AT - - - - -	DEF AT 3
5010 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5910 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8220 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8280 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8920 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9600 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 88	<b>Date of Summary:</b> 12-MAR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06149	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9632
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9632
<b>API Well Number:</b> 427084022500	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 22-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7780 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8220 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8280 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8368 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 105	Date of Summary: 04-MAY-1988	First Sample Examined: 0
Lease Number: G09080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10716
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7071
API Well Number: 427084027600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9950 / 6633	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 106	Date of Summary: 03-OCT-1985	First Sample Examined: 0
Lease Number: G06154	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10882
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9966
API Well Number: 427084020000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 6215	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8930 / 8384	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10250 / 9456	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10460 / 9625	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
10850 / 9940	POS AT Oligocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 107	Date of Summary: 15-OCT-1992	First Sample Examined: 0
Lease Number: G13324	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9600
API Well Number: 427084037200	Drilling Operator: DAVIS OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 27-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6407 / 6407	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7022 / 7022	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7758 / 7757	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9513 / 9512	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 109	Date of Summary: 14-MAR-1989	First Sample Examined: 3500
Lease Number: G08558	Source of Paleo: OPERATOR	Borehole MD: 11030
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11029
API Well Number: 427084030800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3500 - 11022	Water Depth: 50
Public Info Code: Y 30-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF IN 2
3890 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5000 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6950 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8990 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9170 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10220 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10490 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 4
11022 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 115	Date of Summary: 27-FEB-1985	First Sample Examined: 0
Lease Number: G06155	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12888
API Well Number: 427084017100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3220 / 3220	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4000 / 4000	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
4060 / 4060	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4300 / 4300	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4660 / 4660	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
4750 / 4750	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
5320 / 5308	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
5800 / 5743	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6310 / 6181	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
6790 / 6594	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7000 / 6776	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
7840 / 7518	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8170 / 7806	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
9040 / 8571	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
10030 / 9478	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
11230 / 10584	DEF AT local marker (general)	DEF AT 0
11410 / 10749	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
13750 / 12757	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 117	Date of Summary: 16-APR-1986	First Sample Examined: 0
Lease Number: G07277	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8110
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7822
API Well Number: 427084023000	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4790 / 4789	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6005 / 6004	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6205 / 6203	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 119	Date of Summary: 04-APR-1984	First Sample Examined: 7000
Lease Number: G04739	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12497
API Well Number: 427104002600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 7000 - 12490	Water Depth: 50
Public Info Code: Y 24-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
7210 / 7209	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
8680 / 8679	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
8980 / 8979	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
9310 / 9309	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
9400 / 9399	DEF AT local marker (general)	DEF AT 2
9820 / 9818	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9850 / 9848	DEF AT local marker (general)	DEF AT 2
10000 / 9998	POS AT unconformity	DEF AT 0
10210 / 10208	DEF AT -----	DEF AT 1
10810 / 10808	DEF AT -----	DEF AT 2
10870 / 10868	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11200 / 11198	DEF AT -----	DEF AT 1
12490 / 12487	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 119	Date of Summary: 13-SEP-1984	First Sample Examined: 0
Lease Number: G04739	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12497
API Well Number: 427104002600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 24-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6610 / 6609	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7210 / 7209	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8680 / 8679	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8980 / 8979	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
9310 / 9309	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9820 / 9818	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10870 / 10868	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 119	Date of Summary: 17-JAN-1985	First Sample Examined: 0
Lease Number: G04739	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9250
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9249
API Well Number: 427104002900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 24-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9060 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 129	Date of Summary: 08-DEC-1980	First Sample Examined: 3040
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 12785
Well Name: 007	Paleo Done By: JACK COLLE	Borehole TVD: 12785
API Well Number: 427104001200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 3040 - 12785	Water Depth: 48
Public Info Code: Y 21-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 /	DEF AT first sample examined	DEF AT 1
3041 /	POS IN Pleistocene	DEF AT 1
3640 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
4720 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5500 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
5530 /	DEF AT sample gap top	DEF AT 1
5739 /	DEF AT sample gap bottom	DEF AT 1
5740 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
6400 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6640 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
7270 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
7630 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
9220 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
9910 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
10810 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
12160 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
12760 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
12785 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 129	Date of Summary: 22-OCT-1993	First Sample Examined: 0
Lease Number: G01848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12785
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 12785
API Well Number: 427104001200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 21-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 /	POS AT Pleistocene	DEF AT 0
4720 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5500 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7270 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9220 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 130	<b>Date of Summary:</b> 20-NOV-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06199	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9163
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9111
<b>API Well Number:</b> 427104003600	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 01-SEP-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5447	POS AT Upper (Late) Miocene	DEF AT 0
6420 / 6366	POS AT Middle Miocene	DEF AT 0
7640 / 7586	POS IN Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 133	Date of Summary: 21-MAR-1988	First Sample Examined: 0
Lease Number: G06157	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13131
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13131
API Well Number: 427084026200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6805 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9845 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11200 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 139	<b>Date of Summary:</b> 02-APR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03235	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11777
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11777
<b>API Well Number:</b> 427084008100	<b>Drilling Operator:</b> SUPERIOR OIL COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 29-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7040 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8580 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9950 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 139	<b>Date of Summary:</b> 10-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03235	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9000
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9000
<b>API Well Number:</b> 427084006500	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 53
<b>Public Info Code:</b> Y 31-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5170 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 139	Date of Summary: 18-MAY-1981	First Sample Examined: 0
Lease Number: G03235	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9705
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9150
API Well Number: 427084007100	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3220 / 3137	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5170 / 4961	DEF AT local marker benthic foram increase	DEF AT 0
7150 / 6775	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7300 / 6909	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7900 / 7453	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9310 / 8775	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI 142 <b>Lease Number:</b> G11359 <b>Well Name:</b> 001 <b>API Well Number:</b> 427084033100 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 23-OCT-1991</p>	<p><b>Date of Summary:</b> 12-JUL-1990 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> BG EXPLORATION AMERICA INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11100 <b>Borehole TVD:</b> 11097 <b>Rkb Elevation:</b> 100 <b>Water Depth:</b> 50 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5905 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6758 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8748 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10600 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 153	Date of Summary:	First Sample Examined: 6000
Lease Number: G08147	Source of Paleo: OPERATOR	Borehole MD: 15537
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13455
API Well Number: 427084032900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4350 - 13985	Water Depth: 52
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5339	DEF AT first sample examined	DEF AT 1
6930 / 6085	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7110 / 6231	DEF AT -----	DEF AT 2
7200 / 6304	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
8310 / 7213	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9090 / 7835	DEF AT -----	DEF AT 1
10800 / 9263	DEF AT -----	DEF AT 2
11010 / 9438	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12180 / 10434	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
12870 / 11038	DEF AT -----	DEF AT 3
13985 / 12033	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 153	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 13890
<b>Lease Number:</b> G08147	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15537
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13455
<b>API Well Number:</b> 427084032900	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 13890 - 15537	<b>Water Depth:</b> 52
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13890 /11946	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
14370 /12387	DEF AT -----	DEF AT 2
14730 /12721	DEF AT -----	DEF AT 1
15060 /	DEF AT -----	DEF AT 2
15537 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 154	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02357	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10110
<b>Well Name:</b> 009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10088
<b>API Well Number:</b> 427084005401	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 52
<b>Public Info Code:</b> Y 26-FEB-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=original hole; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8945 / 8944	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9450 / 9445	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9458 / 9453	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9904 / 9890	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 154	Date of Summary: 22-NOV-1988	First Sample Examined: 0
Lease Number: G09081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10651
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10305
API Well Number: 427084029800	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7282 / 6938	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9530 / 9185	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
9980 / 9635	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10226 / 9881	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 157	Date of Summary: 22-OCT-1990	First Sample Examined: 0
Lease Number: G08149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11920
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10341
API Well Number: 427084034200	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 28-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11165 / 9671	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 171	<b>Date of Summary:</b> 17-FEB-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06163	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8314
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8314
<b>API Well Number:</b> 427084024600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 51
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5590 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6430 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7060 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 174	Date of Summary: 29-SEP-1992	First Sample Examined: 0
Lease Number: G12541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15469
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15458
API Well Number: 427084037100	Drilling Operator: DAVIS OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 21-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10960 /10958	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12310 /12307	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
14950 /14940	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 179	<b>Date of Summary:</b> 29-SEP-1978	<b>First Sample Examined:</b> 8560
<b>Lease Number:</b> G03236	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10817
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10500
<b>API Well Number:</b> 427084006300	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8560 - 10817	<b>Water Depth:</b> 58
<b>Public Info Code:</b> Y 24-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8560 / 8335	DEF AT first sample examined	DEF AT 0
8890 / 8654	DEF IN Lower Miocene (Burdigalian) <i>Robulus chambersi</i>	DEF AT 0
10817 / 10498	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 193	Date of Summary: 10-APR-1984	First Sample Examined: 0
Lease Number: G03236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12545
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8087
API Well Number: 427084008900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 06-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11009 / 7177	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 199	Date of Summary: 02-OCT-1980	First Sample Examined: 4230
Lease Number: G03747	Source of Paleo: OPERATOR	Borehole MD: 13060
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13060
API Well Number: 427084008500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 4230 - 13030	Water Depth: 40
Public Info Code: Y 26-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 /	DEF AT first sample examined	DEF AT 3
4231 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5040 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5910 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6030 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6450 /	DEF AT local marker (general)	DEF AT 3
6660 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6810 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7380 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7980 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
8310 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
9780 /	DEF AT local marker (general)	DEF AT 4
10530 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10710 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11140 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
11350 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11740 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
13030 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 203	Date of Summary: 20-JUN-1985	First Sample Examined: 2820
Lease Number: G07284	Source of Paleo: OPERATOR	Borehole MD: 9706
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9149
API Well Number: 427084019300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 1020 - 9706	Water Depth: 42
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2817	DEF AT first sample examined	DEF AT 1
3060 / 3049	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3240 / 3220	DEF AT local marker benthic foram increase	DEF AT 2
3480 / 3446	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3900 / 3830	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4140 / 4049	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
4620 / 4491	DEF AT faunal change (no faunal increase)	DEF AT 2
4800 / 4659	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5070 / 4910	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5340 / 5160	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5640 / 5437	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 2
5820 / 5604	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6540 / 6263	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7080 / 6759	DEF AT local marker planktic foram increase	DEF AT 2
7440 / 7091	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7530 / 7174	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7620 / 7257	DEF AT local marker planktic foram increase	DEF AT 3
7710 / 7338	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8130 / 7708	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8430 / 7975	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
8580 / 8110	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8940 / 8442	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 203	<b>Date of Summary:</b> 20-JUN-1985	<b>First Sample Examined:</b> 2820
<b>Lease Number:</b> G07284	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9706
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9149
<b>API Well Number:</b> 427084019300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1020 - 9706	<b>Water Depth:</b> 42
<b>Public Info Code:</b> Y 30-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9450 / 8913	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9607 / 9057	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 203	Date of Summary: 27-JUN-1985	First Sample Examined: 0
Lease Number: G07284	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9706
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9149
API Well Number: 427084019300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3480 / 3446	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
3900 / 3830	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4800 / 4659	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5820 / 5604	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7530 / 7174	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7710 / 7338	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
8130 / 7708	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8430 / 7975	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
8580 / 8110	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 205	Date of Summary: 18-DEC-1991	First Sample Examined: 2590
Lease Number: G07285	Source of Paleo: OPERATOR	Borehole MD: 16067
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13018
API Well Number: 427084036100	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 2590 - 16056	Water Depth: 55
Public Info Code: Y 21-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2590 / 2590	DEF AT first sample examined	DEF AT 1
2770 / 2770	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
2950 / 2950	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3610 / 3610	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT 2
4420 / 4417	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4540 / 4533	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5950 / 5633	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 2
6550 / 5975	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6580 / 5990	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 2
6910 / 6170	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8260 / 7038	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
9430 / 7795	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
10600 / 8543	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
10870 / 8716	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 2
11200 / 8930	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 2
11800 / 9346	POS AT faunal change (no faunal increase)	POS AT 3
11890 / 9410	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
12000 / 9489	DEF AT faunal change (no faunal increase)	DEF AT 2
12610 / 9935	DEF AT faunal change (no faunal increase)	DEF AT 3
12640 / 9958	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12700 / 10003	DEF AT faunal change (no faunal increase)	DEF AT 2
12900 / 10154	DEF AT faunal change (no faunal increase)	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 205	Date of Summary: 18-DEC-1991	First Sample Examined: 2590
Lease Number: G07285	Source of Paleo: OPERATOR	Borehole MD: 16067
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13018
API Well Number: 427084036100	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 2590 - 16056	Water Depth: 55
Public Info Code: Y 21-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
13780 /10864	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
14380 /11387	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
14440 /11441	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT 3
14590 /11580	DEF AT faunal change (no faunal increase)	DEF AT 2
14820 /11797	DEF AT faunal change (no faunal increase)	DEF AT 3
14930 /11903	DEF AT faunal change (no faunal increase)	DEF AT 2
15550 /12506	DEF AT faunal change (no faunal increase)	DEF AT 3
15650 /12605	DEF AT faunal change (no faunal increase)	DEF AT 2
16030 /12981	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 206	Date of Summary: 14-SEP-1984	First Sample Examined: 3870
Lease Number: G01831	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8520
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 8520
API Well Number: 427080010100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3870 - 8520	Water Depth: 50
Public Info Code: Y 26-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3870 /	DEF AT first sample examined	DEF IN 2
3871 /	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 2
4200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
4230 /	DEF AT local marker foram increase	DEF IN 2
4290 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
4590 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
4920 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5760 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 2
5910 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 2
6510 /	DEF AT sample gap top	DEF IN 2
6570 /	DEF AT sample gap bottom	DEF IN 2
6630 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
6780 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
7200 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
8100 /	DEF AT foram flood	DEF IN 2
8490 /	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 206	Date of Summary: 29-JAN-1986	First Sample Examined: 0
Lease Number: G01831	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12920
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 12920
API Well Number: 427084021600	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 26-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11290 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 232	Date of Summary: 03-JUN-1986	First Sample Examined: 850
Lease Number: G06172	Source of Paleo: OPERATOR	Borehole MD: 9010
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9010
API Well Number: 427084023200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 850 - 9010	Water Depth: 55
Public Info Code: Y 26-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
850 /	DEF AT first sample examined	DEF IN 1
1180 /	DEF AT faunal change (no faunal increase)	POS AT 2
3040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
3100 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3130 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3520 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
4000 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4360 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4480 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4930 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5950 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6490 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7180 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7690 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8140 /	DEF AT faunal change (no faunal increase)	POS AT 4
8170 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	POS AT 4
9010 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 232	Date of Summary: 09-JUL-1986	First Sample Examined: 3052
Lease Number: G06172	Source of Paleo: OPERATOR	Borehole MD: 12175
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9036
API Well Number: 427084023500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3052 - 12175	Water Depth: 55
Public Info Code: Y 26-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3052 / 3052	DEF AT first sample examined	DEF IN 3
3090 / 3090	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3150 / 3150	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3480 / 3476	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3870 / 3849	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4230 / 4176	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4540 / 4442	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4900 / 4732	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6540 / 5729	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7780 / 6436	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9310 / 7292	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10090 / 7742	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10750 / 8120	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 234	Date of Summary: 31-JUL-1985	First Sample Examined: 4500
Lease Number: G07289	Source of Paleo: OPERATOR	Borehole MD: 10900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9047
API Well Number: 427084020100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10900	Water Depth: 56
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4054	DEF AT first sample examined	DEF IN 3
4501 / 4055	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF IN 3
5070 / 4482	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6150 / 5283	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7080 / 6009	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7320 / 6203	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8490 / 7132	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
8850 / 7415	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9300 / 7774	DEF AT faunal change (no faunal increase)	DEF AT 4
10470 / 8711	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10900 / 9051	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 260	Date of Summary: 30-SEP-1988	First Sample Examined: 0
Lease Number: G07292	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15265
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15265
API Well Number: 427084028900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4870 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5880 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6240 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7320 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7650 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
8070 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8790 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10050 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10290 /	DEF AT -----	DEF AT 4
11160 /	DEF AT -----	DEF AT 5
11610 /	DEF AT -----	DEF AT 4
13250 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
14480 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 261	Date of Summary: 03-AUG-1990	First Sample Examined: 0
Lease Number: G08154	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11607
API Well Number: 427084033200	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 19-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10280 / 8660	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11664 / 9801	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI 261	<b>Date of Summary:</b> 03-OCT-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08154	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11423
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10750
<b>API Well Number:</b> 427084033201	<b>Drilling Operator:</b> FMP OPERATING COMPANY A LIMIT	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 19-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9653 / 9018	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10363 / 9712	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11212 /10543	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI 261	Date of Summary: 02-JAN-1991	First Sample Examined: 0
Lease Number: G08154	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11712
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10831
API Well Number: 427084035200	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 19-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 8907	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10810 /10127	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11280 /10489	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 1	Date of Summary: 28-NOV-1988	First Sample Examined: 3990
Lease Number: G06173	Source of Paleo: OPERATOR	Borehole MD: 12460
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12458
API Well Number: 427084030000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 3990 - 12272	Water Depth: 58
Public Info Code: Y 27-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 /	DEF AT first sample examined	DEF IN 2
4080 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4410 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5160 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6540 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7050 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7290 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9270 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10290 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10830 /	DEF AT - - - - -	DEF AT 4
11100 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 1	Date of Summary: 28-NOV-1988	First Sample Examined: 11030
Lease Number: G06173	Source of Paleo: OPERATOR	Borehole MD: 12460
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12458
API Well Number: 427084030000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 11030 - 12460	Water Depth: 58
Public Info Code: Y 27-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11030 /	DEF AT first sample examined	DEF IN 4
11160 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
12390 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12460 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 6	<b>Date of Summary:</b> 15-JUN-1982	<b>First Sample Examined:</b> 6320
<b>Lease Number:</b> G04734	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12770
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12770
<b>API Well Number:</b> 427084010300	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6320 - 12732	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 18-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 6320	DEF AT first sample examined	DEF AT 0
7348 / 7347	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8217 / 8216	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10353 /10352	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
10569 /10568	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12732 /12727	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 8	<b>Date of Summary:</b> 05-OCT-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10280	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12495
<b>API Well Number:</b> 427084038100	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 53
<b>Public Info Code:</b> Y 06-DEC-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 /10016	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10650 /10646	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11600 /11596	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 14	<b>Date of Summary:</b> 22-JUN-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06177	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5000
<b>API Well Number:</b> 427084025400	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 66
<b>Public Info Code:</b> Y 09-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3890 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4290 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
4620 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 39	<b>Date of Summary:</b> 03-OCT-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06182	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14320
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11978
<b>API Well Number:</b> 427084024500	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 47
<b>Public Info Code:</b> Y 31-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11038 / 9440	DEF IN Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 52	Date of Summary: 20-AUG-1986	First Sample Examined: 0
Lease Number: G08161	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 427084023700	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 29-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
3480 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
5250 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0
6500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 60	<b>Date of Summary:</b> 07-JUN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06183	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10940
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10938
<b>API Well Number:</b> 427084027000	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 74
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9665 / 9664	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 62	Date of Summary: 28-JUL-1993	First Sample Examined: 0
Lease Number: G10282	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11456
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11456
API Well Number: 427084038000	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11130 /11129	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 71	Date of Summary: 07-MAR-1988	First Sample Examined: 1710
Lease Number: G09098	Source of Paleo: OPERATOR	Borehole MD: 3933
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3933
API Well Number: 427084027400	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 1710 - 3933	Water Depth: 84
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1710 / 1710	DEF AT first sample examined	DEF IN 2
3933 / 3933	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 71	Date of Summary: 28-MAR-1988	First Sample Examined: 0
Lease Number: G09098	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3933
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3933
API Well Number: 427084027400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2736 / 2736	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
3000 / 3000	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3710 / 3710	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 72	<b>Date of Summary:</b> 28-OCT-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09099	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3850
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3850
<b>API Well Number:</b> 427084029900	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 03-AUG-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2733 / 2733	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
3013 / 3013	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3712 / 3712	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 75	<b>Date of Summary:</b> 11-AUG-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08167	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4600
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4600
<b>API Well Number:</b> 427084023900	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 29-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1700 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
2940 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
3760 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
4430 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 87	Date of Summary: 09-MAY-1988	First Sample Examined: 1770
Lease Number: G06189	Source of Paleo: OPERATOR	Borehole MD: 4100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4100
API Well Number: 427084027900	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 1770 - 4100	Water Depth: 86
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1770 /	DEF AT first sample examined	DEF IN 1
1890 /	DEF AT - - - - -	DEF AT 2
3180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3750 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4100 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 87	Date of Summary: 14-JUN-1988	First Sample Examined: 0
Lease Number: G06189	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4100
API Well Number: 427084027900	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2743 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3500 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4041 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 88	Date of Summary: 11-FEB-1985	First Sample Examined: 3000
Lease Number: G06190	Source of Paleo: OPERATOR	Borehole MD: 15024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13663
API Well Number: 427084017000	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3000 - 15024	Water Depth: 78
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF IN 1
3090 / 3090	DEF AT -----	DEF AT 2
3420 / 3420	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3480 / 3480	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3660 / 3660	DEF AT -----	DEF AT 4
4440 / 4440	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5310 / 5310	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6270 / 6270	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
6420 / 6420	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
6600 / 6600	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8550 / 8515	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9630 / 9402	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
9990 / 9679	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11070 /10565	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
12930 /12096	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
13890 /12866	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
14010 /12958	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
15024 /13680	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 89	<b>Date of Summary:</b> 04-MAY-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06191	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10400
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10400
<b>API Well Number:</b> 427084027800	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 /	POS AT Pliocene	DEF AT 0
4970 /	POS IN Pliocene	DEF AT 0
5900 /	POS AT Upper (Late) Miocene	DEF AT 0
8840 /	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 98	Date of Summary: 18-MAY-1993	First Sample Examined: 0
Lease Number: G12560	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4010
API Well Number: 427084037800	Drilling Operator: FIRST ENERGY CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 07-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2670 / 2670	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3780 / 3780	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 123	Date of Summary: 08-JUL-1985	First Sample Examined: 3000
Lease Number: G07304	Source of Paleo: OPERATOR	Borehole MD: 6378
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6077
API Well Number: 427084019600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 3000 - 6360	Water Depth: 101
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	POS AT first sample examined	POS IN 3
6120 / 6120	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6150 / 6149	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6360 / 6359	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 123	Date of Summary: 13-AUG-1985	First Sample Examined: 0
Lease Number: G07304	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6378
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6077
API Well Number: 427084019600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 101
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Depth=TVD

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT -----	POS AT 3
6120 / 6120	POS IN Pleistocene	POS AT 4
6150 / 6149	POS AT Pliocene	POS AT 5
6360 / 6359	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 124	Date of Summary: 01-JUL-1985	First Sample Examined: 800
Lease Number: G07305	Source of Paleo: OPERATOR	Borehole MD: 6685
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6685
API Well Number: 427084019900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 3	Sample Range: 800 - 6680	Water Depth: 102
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	DEF AT non-marine sediment	DEF AT 0
801 /	DEF AT -----	DEF AT 1
1129 /	DEF AT non-marine sediment	DEF AT 0
1130 /	DEF AT -----	DEF AT 1
1849 /	DEF AT non-marine sediment	DEF AT 0
1850 /	DEF AT -----	DEF AT 1
2119 /	DEF AT non-marine sediment	DEF AT 0
2120 /	DEF AT -----	DEF AT 1
3349 /	DEF AT non-marine sediment	DEF AT 0
3350 /	DEF AT -----	DEF AT 1
3949 /	DEF AT non-marine sediment	DEF AT 0
3950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4219 /	DEF AT non-marine sediment	DEF AT 0
4220 /	DEF AT -----	DEF AT 1
5149 /	DEF AT non-marine sediment	DEF AT 0
5150 /	DEF AT -----	DEF AT 1
6080 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6590 /	DEF AT -----	DEF AT 4
6680 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 124	<b>Date of Summary:</b> 20-AUG-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07305	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6685
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6685
<b>API Well Number:</b> 427084019900	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 102
<b>Public Info Code:</b> Y 31-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6080 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 130	<b>Date of Summary:</b> 06-APR-1987	<b>First Sample Examined:</b> 1230
<b>Lease Number:</b> G08168	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6992
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6992
<b>API Well Number:</b> 427084024900	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1230 - 6960	<b>Water Depth:</b> 111
<b>Public Info Code:</b> Y 30-SEP-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 /	DEF AT first sample examined	DEF AT 1
4440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4740 /	DEF AT cement	DEF AT 0
6330 /	DEF IN Pliocene	DEF AT 1
6630 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6720 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
6960 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 141	<b>Date of Summary:</b> 29-JAN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07311	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5500
<b>API Well Number:</b> 427084035600	<b>Drilling Operator:</b> TAYLOR ENERGY COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2450 / 2449	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4600 / 4599	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 143	Date of Summary:	First Sample Examined: 0
Lease Number: G07312	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4485
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4121
API Well Number: 427084035900	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 / 3329	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 154	Date of Summary: 27-JUL-1989	First Sample Examined: 0
Lease Number: G10285	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6770
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6770
API Well Number: 427084031400	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6670 / 6670	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 169 <b>Lease Number:</b> G09102 <b>Well Name:</b> 001 <b>API Well Number:</b> 427104010400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 28-SEP-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> OPERATOR <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> SHELL OFFSHORE INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b> Y</p>	<p><b>First Sample Examined:</b> 5011 <b>Borehole MD:</b> 11626 <b>Borehole TVD:</b> 11109 <b>Rkb Elevation:</b> 80 <b>Water Depth:</b> 61 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6786 / 6785	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7348 / 7335	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9492 / 9168	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11671 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 178	Date of Summary: 26-MAR-1986	First Sample Examined: 0
Lease Number: G06206	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7372
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6216
API Well Number: 427104005300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 12-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 4525	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5810 / 5074	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 180	Date of Summary: 31-DEC-1986	First Sample Examined: 0
Lease Number: G08169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 427104005600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 30-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3850 / 3850	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 183	<b>Date of Summary:</b> 31-DEC-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08170	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4715
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4715
<b>API Well Number:</b> 427104005700	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 64
<b>Public Info Code:</b> Y 30-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4050 / 4050	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 183	Date of Summary: 18-APR-1988	First Sample Examined: 0
Lease Number: G08170	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5902
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4686
API Well Number: 427104007300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 30-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3733 / 3084	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4952 / 3897	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 192	Date of Summary: 21-JUN-1985	First Sample Examined: 3550
Lease Number: G06210	Source of Paleo: OPERATOR	Borehole MD: 9600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9600
API Well Number: 427104004400	Drilling Operator: TEXACO INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3550 - 9600	Water Depth: 80
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 /	DEF AT first sample examined	DEF AT 1
4090 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4420 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
4540 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
5200 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
5620 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5860 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5980 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6580 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7060 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
7690 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
8200 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
8740 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9310 /	DEF AT local marker (general)	DEF AT 3
9600 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 193	<b>Date of Summary:</b> 02-OCT-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06211	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5765
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5602
<b>API Well Number:</b> 427104003500	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 01-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: 5060=Globoquadrina venezuelana

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 4336	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5060 / 4929	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
5061 / 4930	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
5090 / 4958	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 193	Date of Summary: 12-SEP-1984	First Sample Examined: 0
Lease Number: G06212	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6839
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6489
API Well Number: 427104003400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 01-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4650 / 4438	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4890 / 4661	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
5070 / 4828	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6750 / 6402	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 198	Date of Summary: 22-MAY-1985	First Sample Examined: 1000
Lease Number: G06213	Source of Paleo: OPERATOR	Borehole MD: 4559
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4559
API Well Number: 427104003300	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1000 - 4560	Water Depth: 78
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 1
1660 /	DEF AT - - - - -	DEF AT 2
3940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4330 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4560 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 198	Date of Summary: 07-JUN-1985	First Sample Examined: 0
Lease Number: G06213	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4559
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4559
API Well Number: 427104003300	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4330 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A215	Date of Summary: 01-AUG-1985	First Sample Examined: 4590
Lease Number: G07325	Source of Paleo: OPERATOR	Borehole MD: 9544
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9019
API Well Number: 427104005000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4590 - 9544	Water Depth: 65
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4590 / 4429	DEF AT first sample examined	DEF IN 2
4860 / 4672	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5370 / 5134	DEF AT faunal change (no faunal increase)	DEF AT 3
5640 / 5381	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5880 / 5602	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
7530 / 7116	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8490 / 7994	DEF AT faunal change (no faunal increase)	DEF AT 6
9544 / 8953	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 215	Date of Summary: 02-AUG-1985	First Sample Examined: 7830
Lease Number: G07325	Source of Paleo: OPERATOR	Borehole MD: 9544
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9019
API Well Number: 427104005000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 7830 - 9540	Water Depth: 65
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7389	DEF AT first sample examined	DEF AT 0
8460 / 7966	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
8760 / 8240	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
9540 / 8949	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 217	Date of Summary: 05-SEP-1989	First Sample Examined: 3040
Lease Number: G10292	Source of Paleo: OPERATOR	Borehole MD: 6354
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6353
API Well Number: 427104010000	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3040 - 6352	Water Depth: 85
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 /	DEF AT first sample examined	DEF IN 1
4510 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4660 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5770 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5860 /	POS AT faunal change (no faunal increase)	POS AT 5
5920 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6130 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6352 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 230	<b>Date of Summary:</b> 27-FEB-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10294	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4924
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4924
<b>API Well Number:</b> 427104009400	<b>Drilling Operator:</b> NORCEN EXPLORER INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 93
<b>Public Info Code:</b> Y 08-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4433 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 230	Date of Summary: 23-MAR-1989	First Sample Examined: 0
Lease Number: G10294	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5045
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4897
API Well Number: 427104009401	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3533 / 3529	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0
4522 / 4433	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 230	<b>Date of Summary:</b> 08-SEP-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10294	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7200
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4987
<b>API Well Number:</b> 427104009800	<b>Drilling Operator:</b> NORCEN EXPLORER INC	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 97
<b>Public Info Code:</b> Y 08-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 3532	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6270 / 4498	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 234	<b>Date of Summary:</b> 20-APR-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08564	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8215
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8214
<b>API Well Number:</b> 427104006300	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 116
<b>Public Info Code:</b> Y 29-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 / 1150	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3580 / 3580	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
5440 / 5440	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8160 / 8159	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 237	Date of Summary: 09-JUL-1984	First Sample Examined: 1100
Lease Number: G06215	Source of Paleo: OPERATOR	Borehole MD: 7908
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7906
API Well Number: 427104003200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1100 - 7910	Water Depth: 94
Public Info Code: Y 20-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF IN 2
1130 / 1130	DEF AT sample gap top	DEF AT 0
1159 / 1159	DEF AT sample gap bottom	DEF AT 0
1160 / 1160	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1250 / 1250	DEF AT -----	DEF AT 1
3620 / 3620	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6230 / 6230	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6260 / 6260	DEF AT -----	DEF AT 5
7760 / 7758	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
7910 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 241	<b>Date of Summary:</b> 13-MAY-1985	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G07328	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 427104004500	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4000 - 7990	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF IN 3
4900 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7240 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7840 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7990 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 241	Date of Summary: 10-JUN-1985	First Sample Examined: 4000
Lease Number: G07328	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427104004500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 3
4900 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7840 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 246	Date of Summary: 21-NOV-1990	First Sample Examined: 2000
Lease Number: G08176	Source of Paleo: OPERATOR	Borehole MD: 7086
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7084
API Well Number: 427104010800	Drilling Operator: SANTA FE ENERGY COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 2000 - 6530	Water Depth: 126
Public Info Code: Y 01-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF IN 2
5070 / 5068	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5310 / 5308	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5700 / 5698	POS AT reworked material	DEF AT 0
5760 / 5758	DEF AT -----	DEF AT 3
5790 / 5788	POS AT reworked material	DEF AT 0
6530 / 6528	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 246	Date of Summary: 21-NOV-1990	First Sample Examined: 6300
Lease Number: G08176	Source of Paleo: OPERATOR	Borehole MD: 7086
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7084
API Well Number: 427104010800	Drilling Operator: SANTA FE ENERGY COMPANY	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 6300 - 7087	Water Depth: 126
Public Info Code: Y 01-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6298	DEF AT first sample examined	DEF AT 3
7087 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 255	Date of Summary: 21-MAY-1992	First Sample Examined: 0
Lease Number: G09113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7793
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7793
API Well Number: 427104011100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 127
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5050 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7060 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7270 /	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 257	Date of Summary: 12-JUN-1985	First Sample Examined: 4080
Lease Number: G07330	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10209
API Well Number: 427104004700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4080 - 11806	Water Depth: 125
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4080 / 4080	DEF AT first sample examined	DEF IN 2
4530 / 4527	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5190 / 5145	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9120 / 8074	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10140 / 8862	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
10260 / 8956	DEF AT -----	DEF AT 4
11400 / 9871	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11430 / 9896	DEF AT -----	DEF AT 6
11806 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 257	Date of Summary: 25-JUN-1985	First Sample Examined: 0
Lease Number: G07330	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10209
API Well Number: 427104004700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4527	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5190 / 5145	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9120 / 8074	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10140 / 8862	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
11400 / 9871	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 257	Date of Summary: 13-NOV-1987	First Sample Examined: 0
Lease Number: G07330	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7467
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7375
API Well Number: 427104007200	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7115 / 7084	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 260	Date of Summary: 20-APR-1989	First Sample Examined: 4200
Lease Number: G08185	Source of Paleo: OPERATOR	Borehole MD: 10963
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10963
API Well Number: 427114063500	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 4200 - 10950	Water Depth: 150
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 /	DEF AT first sample examined	DEF IN 2
4350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS IN 3
6540 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
7680 /	DEF AT -----	DEF AT 4
9480 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 260	<b>Date of Summary:</b> 02-MAY-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08185	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10963
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10963
<b>API Well Number:</b> 427114063500	<b>Drilling Operator:</b> SANTA FE INTERNATIONAL CORPOR	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 150
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6540 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 264	Date of Summary: 18-DEC-1992	First Sample Examined: 0
Lease Number: G09140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7597
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5832
API Well Number: 427114068800	Drilling Operator: GULFSTAR OPERATING COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 24-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2892 / 2654	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3328 / 2951	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4207 / 3503	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6159 / 4888	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6408 / 5065	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 268	<b>Date of Summary:</b> 29-OCT-1984	<b>First Sample Examined:</b> 3760
<b>Lease Number:</b> G06244	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8445
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8445
<b>API Well Number:</b> 427114059000	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3760 - 8440	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 23-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3760 / 3760	DEF AT first sample examined	DEF IN 3
4360 / 4360	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6610 / 6610	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7030 / 7030	DEF AT faunal change (no faunal increase)	DEF AT 4
7150 / 7150	DEF AT faunal change (no faunal increase)	DEF AT 5
8440 / 8440	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 268	Date of Summary: 04-FEB-1985	First Sample Examined: 0
Lease Number: G06244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8983
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8335
API Well Number: 427114059001	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 23-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4540 / 4536	POS IN Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 268	Date of Summary: 10-JAN-1985	First Sample Examined: 0
Lease Number: G06244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9567
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 427114059300	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 23-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 / 4471	POS AT Middle Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 270	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G02723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9228
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8559
API Well Number: 427114037800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 10-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5910 / 5496	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8170 / 7571	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 270	<b>Date of Summary:</b> 13-MAR-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02723	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10805
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9688
<b>API Well Number:</b> 427114043200	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 07-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5610 / 5525	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7650 / 7222	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9828 / 8952	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 270	<b>Date of Summary:</b> 07-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02723	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7887
<b>Well Name:</b> B008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6521
<b>API Well Number:</b> 427114049100	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 09-NOV-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5067	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 270	Date of Summary: 28-NOV-1979	First Sample Examined: 0
Lease Number: G02724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12266
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8690
API Well Number: 427114039400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 07-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7514 / 5521	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10435 / 7411	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 270	<b>Date of Summary:</b> 09-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02724	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9759
<b>Well Name:</b> B005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8559
<b>API Well Number:</b> 427114046600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 20-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 3882	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6030 / 5474	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8070 / 7151	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 270	Date of Summary: 07-JUL-1981	First Sample Examined: 0
Lease Number: G02724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9322
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 8574
API Well Number: 427114048000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 3895	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5970 / 5520	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7630 / 7008	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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End Date: 31-DEC-1993

<b>Area Block:</b> HI A 270	<b>Date of Summary:</b> 07-JUL-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02724	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12149
<b>Well Name:</b> B007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8705
<b>API Well Number:</b> 427114048400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 13-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2865 / 2800	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4246 / 3811	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6790 / 5411	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9625 / 7240	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 279 <b>Lease Number:</b> G02403 <b>Well Name:</b> 001 <b>API Well Number:</b> 427114002700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-OCT-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7380 <b>Borehole TVD:</b> 7380 <b>Rkb Elevation:</b> 63 <b>Water Depth:</b> 177 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6880 /	POS AT Upper Pliocene	DEF AT 0
7330 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary:	First Sample Examined: 0
Lease Number: G02403	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7937
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7254
API Well Number: 427114005500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1270 / 1269	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4060 / 3577	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6080 / 5432	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7130 / 6455	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7930 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5600
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4601
<b>API Well Number:</b> 427114028900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 144
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 3604	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary:	First Sample Examined: 0
Lease Number: G02403	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8473
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8026
API Well Number: 427114029400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3026	DEF AT -----	DEF AT 3
3980 / 3636	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4880 / 4470	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7400 / 6954	DEF AT -----	DEF AT 4
7790 / 7344	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8060 / 7614	DEF AT -----	DEF AT 5
8450 / 8003	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9251
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7018
<b>API Well Number:</b> 427114031700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 3393	DEF AT -----	DEF AT 3
5220 / 3653	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7740 / 5526	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9250 / 7017	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 24-JAN-1978	<b>First Sample Examined:</b> 4560
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9251
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7018
<b>API Well Number:</b> 427114031700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4560 - 9250	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 3295	DEF AT first sample examined	DEF IN 2
4740 / 3393	DEF AT - - - - -	DEF AT 3
5220 / 3653	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7740 / 5526	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9250 / 7017	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3930
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7180
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5300
<b>API Well Number:</b> 427114032500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3930 - 7170	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3010	DEF AT first sample examined	DEF IN 2
4290 / 3201	DEF AT - - - - -	DEF AT 3
4320 / 3218	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6630 / 4792	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7170 / 5291	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 13-FEB-1978	<b>First Sample Examined:</b> 3930
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7180
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5300
<b>API Well Number:</b> 427114032500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3930 - 7170	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3010	DEF AT first sample examined	DEF IN 2
4290 / 3201	DEF AT - - - - -	DEF AT 3
4320 / 3218	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6630 / 4792	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7170 / 5291	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary: 17-MAR-1978	First Sample Examined: 3170
Lease Number: G02403	Source of Paleo: OPERATOR	Borehole MD: 9377
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8726
API Well Number: 427114033100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 3170 - 9350	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3170 / 3012	DEF AT first sample examined	DEF IN 3
4370 / 4085	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5750 / 5362	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7190 / 6718	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7310 / 6832	DEF AT -----	DEF AT 4
7850 / 7332	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8690 / 8098	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8691 / 8099	POS AT gouge	DEF AT 5
9110 / 8481	DEF AT -----	DEF AT 6
9200 / 8564	DEF AT anhydrite	DEF AT 0
9350 / 8701	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 26-SEP-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9377
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8726
<b>API Well Number:</b> 427114033100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 / 3012	DEF AT -----	DEF AT 3
4370 / 4085	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5750 / 5362	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7310 / 6832	DEF AT -----	DEF AT 4
7850 / 7332	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9110 / 8481	DEF AT -----	DEF AT 6
9350 / 8701	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8226
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7009
<b>API Well Number:</b> 427114033900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3358	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6680 / 5522	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8000 / 6788	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary: 19-APR-1978	First Sample Examined: 0
Lease Number: G02403	Source of Paleo: OPERATOR	Borehole MD: 8226
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7009
API Well Number: 427114033900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 3730 - 8226	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 / 3042	DEF AT first sample examined	DEF IN 2
4360 / 3439	DEF AT - - - - -	DEF AT 3
4750 / 3748	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5740 / 4628	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8226 / 7009	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7317
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5091
<b>API Well Number:</b> 427114032501	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3984 / 3040	DEF AT first sample examined	DEF AT 2
4280 / 3207	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4340 / 3243	DEF AT -----	DEF AT 3
6680 / 4568	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7190 / 4979	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary: 08-MAY-1978	First Sample Examined: 7310
Lease Number: G02403	Source of Paleo: OPERATOR	Borehole MD: 7317
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5091
API Well Number: 427114032501	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 3984 - 7310	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3984 / 3040	DEF AT first sample examined	DEF IN 2
4280 / 3207	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4340 / 3243	DEF AT - - - - -	DEF AT 3
4970 / 3593	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6680 / 4568	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7190 / 4979	DEF AT - - - - -	DEF AT 4
7310 / 5084	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7510
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6022
<b>API Well Number:</b> 427114034700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3830 - 7510	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3004	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4970 / 3799	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7040 / 5562	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7510 / 6022	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 30-MAY-1978	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7510
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6022
<b>API Well Number:</b> 427114034700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3830 - 7510	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3004	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4970 / 3799	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7040 / 5562	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7510 / 6022	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 06-JUL-1978	<b>First Sample Examined:</b> 3440
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8141
<b>Well Name:</b> A010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7995
<b>API Well Number:</b> 427114035100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3440 - 7960	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3440 / 3320	DEF AT first sample examined	DEF IN 3
4700 / 4565	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4760 / 4624	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7630 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7960 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7175
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6192
<b>API Well Number:</b> 427114035600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3830 - 7160	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3020	DEF AT first sample examined	DEF IN 2
4430 / 3546	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4460 / 3572	DEF AT - - - - -	DEF AT 3
5660 / 4685	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7160 / 6177	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 14-AUG-1978	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7175
<b>Well Name:</b> A011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6192
<b>API Well Number:</b> 427114035600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3830 - 7160	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3020	DEF AT first sample examined	DEF IN 2
4430 / 3546	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4460 / 3572	DEF AT - - - - -	DEF AT 3
5660 / 4685	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7160 / 6177	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary:	First Sample Examined: 3400
Lease Number: G02403	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6710
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6025
API Well Number: 427114037000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 3400 - 6700	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 2999	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4210 / 3626	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5230 / 4562	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6700 / 6015	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary: 14-SEP-1978	First Sample Examined: 3400
Lease Number: G02403	Source of Paleo: OPERATOR	Borehole MD: 6710
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6025
API Well Number: 427114037000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 3400 - 6700	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 2999	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4210 / 3626	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5230 / 4562	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6700 / 6015	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3860
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10605
<b>Well Name:</b> A013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7479
<b>API Well Number:</b> 427114032502	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 3860 - 10390	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 2975	DEF AT first sample examined	DEF IN 3
4210 / 3182	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6940 / 4862	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8440 / 5884	DEF AT -----	DEF AT 4
10390 / 7327	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 279 <b>Lease Number:</b> G02403 <b>Well Name:</b> A013 <b>API Well Number:</b> 427114032502 <b>Paleo Report Num:</b> 2 of 4 <b>Public Info Code:</b> Y 30-OCT-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 10160 - 10605 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 10160 <b>Borehole MD:</b> 10605 <b>Borehole TVD:</b> 7479 <b>Rkb Elevation:</b> 105 <b>Water Depth:</b> 179 <b>Paleo ID:</b> 002</p>
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**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10160 / 7143	DEF AT first sample examined	DEF AT 0
10605 / 7501	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary: 15-NOV-1978	First Sample Examined: 3860
Lease Number: G02403	Source of Paleo: OPERATOR	Borehole MD: 10605
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7479
API Well Number: 427114032502	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 4	Sample Range: 3860 - 10390	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 2975	DEF AT first sample examined	DEF IN 3
4210 / 3182	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6940 / 4862	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8440 / 5884	DEF AT -----	DEF AT 4
10390 / 7327	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 15-NOV-1978	<b>First Sample Examined:</b> 10160
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10605
<b>Well Name:</b> A013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7479
<b>API Well Number:</b> 427114032502	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 10160 - 10605	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10160 / 7143	DEF AT first sample examined	DEF AT 4
10605 / 7501	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 279	Date of Summary: 07-MAR-1979	First Sample Examined: 3338
Lease Number: G02403	Source of Paleo: OPERATOR	Borehole MD: 5132
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4507
API Well Number: 427114039000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 3338 - 5070	Water Depth: 179
Public Info Code: Y 30-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3338 / 3014	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5070 / 4454	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 4140
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8740
<b>Well Name:</b> A015	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7095
<b>API Well Number:</b> 427114038000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4140 - 8740	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4140 / 2973	DEF AT first sample examined	DEF IN 2
4570 / 3236	DEF AT - - - - -	DEF AT 3
7720 / 6076	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8740 / 7095	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 279	<b>Date of Summary:</b> 21-DEC-1978	<b>First Sample Examined:</b> 4140
<b>Lease Number:</b> G02403	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8740
<b>Well Name:</b> A015	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7095
<b>API Well Number:</b> 427114038000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4140 - 8740	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 30-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4140 / 2973	DEF AT first sample examined	DEF IN 2
4570 / 3236	DEF AT - - - - -	DEF AT 3
6700 / 5063	DEF AT sample gap top	DEF AT 0
6940 / 5300	DEF AT sample gap bottom	DEF AT 0
7720 / 6076	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8740 / 7095	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 281	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G03377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9074
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8669
API Well Number: 427114039800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 22-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5820 / 5640	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7460 / 7175	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 283	<b>Date of Summary:</b> 12-NOV-1979	<b>First Sample Examined:</b> 5630
<b>Lease Number:</b> G02404	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8240
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7855
<b>API Well Number:</b> 427114040000	<b>Drilling Operator:</b> TRANSOCEAN OIL INC	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5630 - 7370	<b>Water Depth:</b> 175
<b>Public Info Code:</b> Y 17-OCT-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5630 / 5528	DEF AT first sample examined	DEF IN 3
5631 / 5529	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6470 / 6324	DEF AT -----	DEF AT 4
6620 / 6466	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7370 / 7138	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 285	Date of Summary: 10-JAN-1996	First Sample Examined: 0
Lease Number: G03485	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10584
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10584
API Well Number: 427114033000	Drilling Operator: NCX COMPANY INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 14-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5053 /	POS IN Pleistocene	DEF AT 0
8220 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 289 <b>Lease Number:</b> G02728 <b>Well Name:</b> 001 <b>API Well Number:</b> 427114019100 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 17-DEC-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7675 <b>Borehole TVD:</b> 7675 <b>Rkb Elevation:</b> 73 <b>Water Depth:</b> 185 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3930 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5160 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 289 <b>Lease Number:</b> G02728 <b>Well Name:</b> 003 <b>API Well Number:</b> 427114043700 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 17-DEC-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 5970 <b>Borehole TVD:</b> 5544 <b>Rkb Elevation:</b> 73 <b>Water Depth:</b> 187 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 3935	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5520 / 5141	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 289	Date of Summary: 09-JUL-1979	First Sample Examined: 3860
Lease Number: G02728	Source of Paleo: OPERATOR	Borehole MD: 5970
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5544
API Well Number: 427114043700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 3860 - 5930	Water Depth: 187
Public Info Code: Y 17-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3689	DEF AT first sample examined	DEF AT 2
4150 / 3935	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5520 / 5141	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5930 / 5514	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 289	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02728	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5975
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5205
<b>API Well Number:</b> 427114044100	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 63
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 17-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3686	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5500 / 4841	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 289	Date of Summary: 01-AUG-1979	First Sample Examined: 884
Lease Number: G02728	Source of Paleo: OPERATOR	Borehole MD: 5975
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5205
API Well Number: 427114044100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 884 - 5932	Water Depth: 183
Public Info Code: Y 17-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
884 / 884	DEF AT first sample examined	DEF AT 2
1614 / 1610	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2465 / 2431	DEF AT -----	DEF AT 1
2830 / 2763	DEF AT sample gap top	DEF AT 0
2899 / 2822	DEF AT sample gap bottom	DEF AT 0
2900 / 2823	DEF AT -----	DEF AT 2
3815 / 3562	DEF AT sample gap top	DEF AT 0
3979 / 3685	DEF AT sample gap bottom	DEF AT 0
3980 / 3686	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4010 / 3708	DEF AT sample gap top	DEF AT 0
4386 / 3993	DEF AT sample gap bottom	DEF AT 0
4387 / 3993	DEF AT -----	DEF AT 2
5344 / 4723	DEF AT -----	DEF AT 3
5501 / 4842	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5932 / 5172	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 289	Date of Summary: 29-OCT-1980	First Sample Examined: 5130
Lease Number: G02728	Source of Paleo: OPERATOR	Borehole MD: 6400
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6164
API Well Number: 427114049800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 5130 - 6390	Water Depth: 184
Public Info Code: Y 17-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 4946	DEF AT first sample examined	DEF AT 3
5700 / 5491	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5910 / 5693	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6360 / 6126	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6390 / 6155	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 289	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G02728	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6400
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6164
API Well Number: 427114049800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 17-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4026 / 3904	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5910 / 5693	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 289 <b>Lease Number:</b> G02728 <b>Well Name:</b> A003 <b>API Well Number:</b> 427114050300 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 17-DEC-1990	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7495 <b>Borehole TVD:</b> 3966 <b>Rkb Elevation:</b> 111 <b>Water Depth:</b> 184 <b>Paleo ID:</b> 001
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7276 / 3885	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 289	Date of Summary: 07-SEP-1984	First Sample Examined: 0
Lease Number: G02728	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5975
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 3716
API Well Number: 427114050601	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 17-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 3527	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 289	<b>Date of Summary:</b> 07-SEP-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02728	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6345
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5670
<b>API Well Number:</b> 427114050800	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 184
<b>Public Info Code:</b> Y 17-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6096 / 5443	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 289	<b>Date of Summary:</b> 07-SEP-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02729	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7290
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4292
<b>API Well Number:</b> 427114050200	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 184
<b>Public Info Code:</b> Y 06-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6740 / 3936	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7130 / 4186	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 289	Date of Summary: 07-SEP-1984	First Sample Examined: 0
Lease Number: G02729	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6720
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4350
API Well Number: 427114050700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 06-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5920 / 3991	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6458 / 4237	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 290 <b>Lease Number:</b> G02728 <b>Well Name:</b> 002 <b>API Well Number:</b> 427114042000 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 17-DEC-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9523 <b>Borehole TVD:</b> 7595 <b>Rkb Elevation:</b> 83 <b>Water Depth:</b> 192 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 3908	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6280 / 5397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9470 / 7565	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 290	Date of Summary: 17-MAY-1979	First Sample Examined: 940
Lease Number: G02728	Source of Paleo: OPERATOR	Borehole MD: 9523
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7595
API Well Number: 427114042000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 940 - 9529	Water Depth: 192
Public Info Code: Y 17-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
940 / 940	DEF AT first sample examined	DEF AT 2
1570 / 1569	DEF AT - - - - -	DEF AT 3
1600 / 1599	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1690 / 1688	DEF AT - - - - -	DEF AT 2
2970 / 2928	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4110 / 3908	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6280 / 5397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7070 / 5907	DEF AT poor sample interval top	DEF AT 4
9470 / 7565	DEF AT local marker deep water fauna	DEF AT 5
9529 /	DEF AT poor sample interval bottom	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 290 <b>Lease Number:</b> G02729 <b>Well Name:</b> 001 <b>API Well Number:</b> 427114020500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 06-APR-1991	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8084 <b>Borehole TVD:</b> 8084 <b>Rkb Elevation:</b> 68 <b>Water Depth:</b> 180 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5350 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7760 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 292	Date of Summary: 25-JAN-1989	First Sample Examined: 2500
Lease Number: G08188	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12480
API Well Number: 427114062300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 2500 - 12500	Water Depth: 185
Public Info Code: Y 30-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT first sample examined	DEF IN 2
3010 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3160 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3460 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7520 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8120 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10530 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10950 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11790 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11820 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12240 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
12500 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 294	Date of Summary: 04-APR-1990	First Sample Examined: 0
Lease Number: G11400	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 427114065800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 11-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4070 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4682 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 08-APR-1974	First Sample Examined: 980
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10000
API Well Number: 427114001500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 980 - 10000	Water Depth: 195
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
980 /	DEF AT first sample examined	DEF IN 3
1670 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4280 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8520 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9810 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 22-OCT-1974	First Sample Examined: 1049
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 5959
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5959
API Well Number: 427114005300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1049 - 5980	Water Depth: 195
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1049 /	DEF AT first sample examined	DEF IN 2
1330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4720 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 14-MAR-1974	First Sample Examined: 890
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 5018
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5018
API Well Number: 427114004100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 890 - 5019	Water Depth: 195
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
890 /	DEF AT first sample examined	DEF AT 2
1570 /	DEF AT - - - - -	DEF AT 3
2270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3050 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5019 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 298	<b>Date of Summary:</b> 29-NOV-1974	<b>First Sample Examined:</b> 830
<b>Lease Number:</b> G02405	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5243
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5243
<b>API Well Number:</b> 427114008200	<b>Drilling Operator:</b> BURMAH OIL & GAS COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 830 - 5240	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 05-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
830 /	DEF AT first sample examined	DEF IN 2
1160 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1610 /	DEF AT - - - - -	DEF AT 3
3200 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5240 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 298	<b>Date of Summary:</b> 18-FEB-1976	<b>First Sample Examined:</b> 1050
<b>Lease Number:</b> G02405	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7839
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7819
<b>API Well Number:</b> 427114013400	<b>Drilling Operator:</b> BURMAH OIL & GAS COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1050 - 7850	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 05-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF IN 3
4730 / 4726	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6140 / 6132	DEF AT faunal change (no faunal increase)	DEF AT 4
7730 / 7711	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7850 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

**Area Block:** HI A 298  
**Lease Number:** G02405  
**Well Name:** A001  
**API Well Number:** 427114031600  
**Paleo Report Num:** 1 of 2  
**Public Info Code:** Y 05-MAY-1988

**Date of Summary:**  
**Source of Paleo:** COMPLETION REPORT (WELL SUMMARY)  
**Paleo Done By:** OPERATOR  
**Drilling Operator:** AMINOIL INC.  
**Sample Range:** 0 - 0  
**Ecozone Eq MMS:**

**First Sample Examined:** 4930  
**Borehole MD:** 10756  
**Borehole TVD:** 9052  
**Rkb Elevation:** 95  
**Water Depth:** 198  
**Paleo ID:** 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 3317	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6270 / 4641	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10000 / 8371	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 298	<b>Date of Summary:</b> 28-FEB-1978	<b>First Sample Examined:</b> 4930
<b>Lease Number:</b> G02405	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10756
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9052
<b>API Well Number:</b> 427114031600	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4930 - 10750	<b>Water Depth:</b> 198
<b>Public Info Code:</b> Y 05-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 3317	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6270 / 4641	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6390 / 4761	DEF AT -----	DEF AT 4
10000 / 8371	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10270 / 8640	DEF AT -----	DEF AT 5
10750 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 298 <b>Lease Number:</b> G02405 <b>Well Name:</b> A002 <b>API Well Number:</b> 427114033800 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 05-MAY-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> AMINOIL INC. <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6600 <b>Borehole TVD:</b> 3930 <b>Rkb Elevation:</b> 95 <b>Water Depth:</b> 198 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 3088	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 29-MAR-1978	First Sample Examined: 3270
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 6600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3930
API Well Number: 427114033800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 3270 - 6600	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 / 2321	DEF AT first sample examined	DEF IN 2
4770 / 3010	DEF AT - - - - -	DEF AT 3
4950 / 3088	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6600 / 3931	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 298	<b>Date of Summary:</b> 06-JUL-1978	<b>First Sample Examined:</b> 2940
<b>Lease Number:</b> G02405	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8857
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6329
<b>API Well Number:</b> 427114034000	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 2940 - 4380	<b>Water Depth:</b> 198
<b>Public Info Code:</b> Y 05-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2940 / 2680	DEF AT first sample examined	DEF IN 2
3420 / 3014	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3480 / 3053	DEF AT - - - - -	DEF AT 3
3900 / 3300	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4380 / 3559	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 06-JUL-1978	First Sample Examined: 4400
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 8857
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6329
API Well Number: 427114034000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 2 of 4	Sample Range: 4400 - 5450	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 6

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 3570	DEF AT first sample examined	DEF AT 3
5450 / 4192	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 298	<b>Date of Summary:</b> 06-JUL-1978	<b>First Sample Examined:</b> 4990
<b>Lease Number:</b> G02405	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8857
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6329
<b>API Well Number:</b> 427114034000	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 4990 - 9160	<b>Water Depth:</b> 198
<b>Public Info Code:</b> Y 05-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 7

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 3908	DEF AT first sample examined	DEF AT 3
6010 / 4540	DEF AT - - - - -	DEF AT 4
9160 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 06-JUL-1978	First Sample Examined: 9160
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 8857
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6329
API Well Number: 427114034000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 4 of 4	Sample Range: 9160 - 9550	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 9

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9160 /	DEF AT first sample examined	DEF AT 4
9550 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 06-SEP-1978	First Sample Examined: 2900
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 8512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7915
API Well Number: 427114035000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 4	Sample Range: 2900 - 4470	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2502	DEF AT cement	DEF AT 0
2960 / 2554	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4070 / 3537	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4470 / 3916	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 06-SEP-1978	First Sample Examined: 4220
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 8512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7915
API Well Number: 427114035000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 2 of 4	Sample Range: 4220 - 6200	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 3678	DEF AT first sample examined	DEF AT 3
5030 / 4468	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5630 / 5067	DEF AT -----	DEF AT 4
5690 / 5127	DEF AT -----	DEF AT 5
6200 / 5628	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 06-SEP-1978	First Sample Examined: 6200
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 8512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7915
API Well Number: 427114035000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 3 of 4	Sample Range: 6200 - 6740	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 5628	DEF AT first sample examined	DEF AT 5
6740 / 6163	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 298	<b>Date of Summary:</b> 06-SEP-1978	<b>First Sample Examined:</b> 6390
<b>Lease Number:</b> G02405	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8512
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7915
<b>API Well Number:</b> 427114035000	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 6390 - 8490	<b>Water Depth:</b> 198
<b>Public Info Code:</b> Y 05-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6390 / 5816	DEF AT first sample examined	DEF AT 5
7170 / 6587	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7500 / 6912	POS AT gouge	DEF AT 6
8220 / 7624	DEF AT anhydrite	DEF AT 6
8221 / 7625	DEF AT salt	DEF AT 6
8490 / 7893	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 298	Date of Summary: 06-OCT-1978	First Sample Examined: 3150
Lease Number: G02405	Source of Paleo: OPERATOR	Borehole MD: 5250
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3695
API Well Number: 427114033801	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3150 - 5250	Water Depth: 198
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3150 / 2261	DEF AT first sample examined	DEF IN 2
4050 / 2817	DEF AT - - - - -	DEF AT 3
4380 / 3050	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5250 / 3696	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 305	<b>Date of Summary:</b> 04-FEB-1986	<b>First Sample Examined:</b> 4990
<b>Lease Number:</b> G07357	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10222
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10220
<b>API Well Number:</b> 427114060000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3020 - 10220	<b>Water Depth:</b> 207
<b>Public Info Code:</b> Y 31-OCT-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 /	DEF AT first sample examined	DEF IN 2
5725 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7130 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7430 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7490 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9140 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10220 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 307	Date of Summary: 21-AUG-1989	First Sample Examined: 2500
Lease Number: G09143	Source of Paleo: OPERATOR	Borehole MD: 11270
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11269
API Well Number: 427114064200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 2500 - 11270	Water Depth: 197
Public Info Code: Y 13-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3730 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8660 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8930 /	DEF AT -----	DEF AT 4
10010 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10100 /	DEF AT -----	DEF AT 5
10760 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11270 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 308	Date of Summary: 25-MAR-1991	First Sample Examined: 0
Lease Number: G07358	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6414
API Well Number: 427114067600	Drilling Operator: FIRST ENERGY CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1532 / 1531	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4420 / 4015	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 310	Date of Summary: 22-MAY-1981	First Sample Examined: 1050
Lease Number: G03378	Source of Paleo: OPERATOR	Borehole MD: 7203
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7201
API Well Number: 427114025000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1050 - 7180	Water Depth: 213
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF IN 3
2027 / 2027	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4030 / 4030	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7180 / 7178	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 310	Date of Summary: 02-OCT-1981	First Sample Examined: 0
Lease Number: G03378	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7203
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 7201
API Well Number: 427114025000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4103 / 4103	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5470 / 5469	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5700 / 5699	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 311	<b>Date of Summary:</b> 11-JUN-1984	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G06250	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10011
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10011
<b>API Well Number:</b> 427114058500	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1000 - 10011	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 3
3830 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4710 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6510 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7920 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10011 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 311	Date of Summary: 28-JUN-1984	First Sample Examined: 10020
Lease Number: G06250	Source of Paleo: OPERATOR	Borehole MD: 11380
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11050
API Well Number: 427114058501	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 10020 - 11380	Water Depth: 210
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 / 9771	DEF AT first sample examined	DEF IN 3
11190 / 10870	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11380 / 11050	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 311	<b>Date of Summary:</b> 13-JUL-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06250	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11380
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11050
<b>API Well Number:</b> 427114058501	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7523 / 7439	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8877 / 8705	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 312	Date of Summary: 08-MAY-1974	First Sample Examined: 1150
Lease Number: G02409	Source of Paleo: OPERATOR	Borehole MD: 10610
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10610
API Well Number: 427114004300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 1150 - 10610	Water Depth: 223
Public Info Code: Y 27-MAR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	DEF IN 2
1510 /	POS AT -----	DEF AT 3
1930 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2170 /	DEF AT -----	DEF AT 2
3880 /	DEF AT -----	DEF AT 3
4270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6310 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6580 /	DEF AT -----	DEF AT 4
6970 /	DEF AT -----	DEF AT 5
8080 /	DEF AT poor sample interval top	DEF AT 5
8810 /	POS AT -----	DEF AT 6
8910 /	POS AT Cyclammina cancellata (local marker)	DEF AT 6
10548 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10609 /	DEF AT poor sample interval bottom	DEF AT 6
10610 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 312	Date of Summary: 18-JUN-1978	First Sample Examined: 1150
Lease Number: G02409	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10610
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10610
API Well Number: 427114004300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1150 - 10610	Water Depth: 223
Public Info Code: Y 27-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	POS AT 2
1180 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 2
1510 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1900 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3880 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4240 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6310 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6370 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6580 /	DEF AT local marker planktic foram increase	DEF AT 4
6610 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
6820 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
7030 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8380 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
8790 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9299 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
9300 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10310 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10548 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10610 /	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 312	Date of Summary: 20-JUN-1978	First Sample Examined: 1280
Lease Number: G02409	Source of Paleo: OPERATOR	Borehole MD: 6640
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6640
API Well Number: 427114005000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1280 - 6650	Water Depth: 209
Public Info Code: Y 27-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1280 /	DEF AT first sample examined	DEF IN 2
2060 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3590 /	DEF AT -----	DEF AT 3
3620 /	DEF AT sample gap top	POS AT 3
4340 /	DEF AT sample gap bottom	POS AT 3
5360 /	DEF AT -----	DEF IN 3
6140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6590 /	DEF AT -----	DEF AT 4
6650 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 312	<b>Date of Summary:</b> 13-JAN-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02409	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6967
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5673
<b>API Well Number:</b> 427114068200	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 137
<b>Public Info Code:</b> Y 27-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4166 / 3972	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4673 / 4293	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6833 / 5588	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 313	Date of Summary:	First Sample Examined: 540
Lease Number: G02410	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8470
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7602
API Well Number: 427114032700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 1 of 3	Sample Range: 540 - 6270	Water Depth: 214
Public Info Code: Y 05-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
540 / 540	DEF AT first sample examined	DEF AT 0
1980 / 1949	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4350 / 3744	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4680 / 3998	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5880 / 5086	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6270 / 5459	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 313	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 4120
<b>Lease Number:</b> G02410	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8470
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7602
<b>API Well Number:</b> 427114032700	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 4120 - 8470	<b>Water Depth:</b> 214
<b>Public Info Code:</b> Y 05-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 3568	DEF AT first sample examined	DEF AT 0
4660 / 3982	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5800 / 5009	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6250 / 5440	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
8470 / 7602	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 313	Date of Summary: 08-JUN-1978	First Sample Examined: 540
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 8470
Well Name: A001	Paleo Done By: ECO-PAL	Borehole TVD: 7602
API Well Number: 427114032700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 3 of 3	Sample Range: 540 - 6270	Water Depth: 214
Public Info Code: Y 05-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
540 / 540	DEF AT first sample examined	DEF AT 1
990 / 990	DEF AT cement	POS AT 1
1080 / 1080	DEF AT poor sample interval top	POS AT 1
1109 / 1109	DEF AT poor sample interval bottom	POS AT 1
1170 / 1170	DEF AT faunal change (no faunal increase)	DEF AT 1
1980 / 1949	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3900 / 3407	DEF AT cement	POS AT 1
3990 / 3471	DEF AT faunal change (no faunal increase)	DEF AT 1
4350 / 3744	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
4351 / 3745	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 1
4680 / 3998	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
5880 / 5086	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
6060 / 5258	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 313	Date of Summary: 18-JUL-1978	First Sample Examined: 1000
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 8771
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7357
API Well Number: 427114034800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8740	Water Depth: 214
Public Info Code: Y 11-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT cement	DEF AT 0
1480 / 1478	DEF AT faunal change (no faunal increase)	DEF AT 3
1960 / 1931	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2200 / 2137	DEF AT faunal change (no faunal increase)	DEF AT 2
3130 / 2854	DEF AT faunal change (no faunal increase)	DEF AT 3
3580 / 3187	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4090 / 3572	DEF AT faunal change (no faunal increase)	DEF AT 2
4780 / 4115	DEF AT faunal change (no faunal increase)	DEF AT 3
5740 / 4853	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6160 / 5156	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6970 / 5757	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7450 / 6163	DEF AT local marker (general)	DEF AT 4
7900 / 6558	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8320 / 6938	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8740 / 7328	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 313	Date of Summary: 17-AUG-1978	First Sample Examined: 1030
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 6231
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4348
API Well Number: 427114036700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1030 - 6220	Water Depth: 214
Public Info Code: Y 07-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1011	DEF AT first sample examined	DEF AT 0
2410 / 1967	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5050 / 3722	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5470 / 3944	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6220 / 4342	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 313	Date of Summary: 20-OCT-1978	First Sample Examined: 4710
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 6206
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4616
API Well Number: 427114036301	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4710 - 6180	Water Depth: 214
Public Info Code: Y 21-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4710 / 3620	DEF AT first sample examined	DEF AT 0
4711 / 3620	DEF AT cement	DEF AT 0
4890 / 3739	DEF AT faunal change (no faunal increase)	DEF AT 3
4920 / 3759	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5040 / 3838	DEF AT faunal change (no faunal increase)	DEF AT 3
6180 / 4599	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 25-FEB-1976	First Sample Examined: 1010
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 6245
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6245
API Well Number: 427114009700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1010 - 6230	Water Depth: 214
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1010 /	DEF AT first sample examined	DEF IN 2
1190 /	DEF AT - - - - -	DEF AT 3
2030 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6230 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 23-MAR-1976	First Sample Examined: 2950
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 9905
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8638
API Well Number: 427114009701	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 2950 - 9890	Water Depth: 214
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2950 / 2950	DEF AT cement	DEF AT 0
3160 / 3160	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3490 / 3486	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4240 / 4209	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8190 /	DEF AT -----	DEF AT 4
8750 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9890 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315 <b>Lease Number:</b> G02786 <b>Well Name:</b> 004 <b>API Well Number:</b> 427114041600 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 25-JAN-1991	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11851 <b>Borehole TVD:</b> 11851 <b>Rkb Elevation:</b> 93 <b>Water Depth:</b> 204 <b>Paleo ID:</b> 001
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8250 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9890 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11660 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 05-APR-1979	First Sample Examined: 950
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 11851
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11851
API Well Number: 427114041600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 950 - 11840	Water Depth: 204
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Ecozones obtained via phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
950 /	DEF AT cement	DEF AT 0
1010 /	DEF AT - - - - -	DEF AT 1
1070 /	DEF AT local marker (general)	DEF AT 1
1910 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2000 /	DEF AT glauconite	DEF AT 1
3590 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
4310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7870 /	DEF AT local marker (general)	DEF AT 2
8070 /	DEF AT drilling material	DEF AT 0
8250 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9475 /	DEF AT cement	DEF AT 0
10420 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10960 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11110 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11350 /	DEF AT local marker (general)	DEF AT 3
11510 /	DEF AT Eggerella 3 (local marker)	DEF AT 3
11660 /	POS AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 3
11661 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11810 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11840 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 08-OCT-1979	First Sample Examined: 5680
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12974
API Well Number: 427114044500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5680 - 12990	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5680 / 5679	DEF AT first sample examined	DEF AT 3
7930 / 7926	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9010 / 9003	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9580 / 9571	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10270 /10259	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10390 /10379	DEF AT faunal change (no faunal increase)	DEF AT 4
10840 /10828	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11650 /11637	DEF AT local marker deep water fauna	DEF AT 6
12240 /12226	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
12420 /12404	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
12990 /12962	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 16-JAN-1980	First Sample Examined: 3740
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 6464
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6464
API Well Number: 427114046100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3740 - 6430	Water Depth: 215
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3740 /	DEF AT cement	DEF AT 3
3890 /	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
4310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4580 /	DEF AT -----	DEF AT 2
5950 /	DEF AT -----	DEF AT 3
6430 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 29-JUL-1981	<b>First Sample Examined:</b> 3970
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7619
<b>Well Name:</b> 007	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7047
<b>API Well Number:</b> 427114050900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3970 - 7600	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3797	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4570 / 4326	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6460 / 5990	DEF AT local marker (general)	DEF AT 3
7600 / 7029	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G02786	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7619
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 7047
API Well Number: 427114050900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3797	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4570 / 4326	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 12-AUG-1981	First Sample Examined: 3970
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 7398
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7048
API Well Number: 427114052000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 3970 - 7360	Water Depth: 215
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3970 / 3847	DEF AT first sample examined	DEF AT 3
4000 / 3875	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4090 / 3961	DEF AT -----	DEF AT 3
4390 / 4244	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4600 / 4443	DEF AT -----	DEF AT 2
6130 / 5878	DEF AT local marker (general)	DEF AT 3
6700 / 6407	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7360 / 7014	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7398
<b>Well Name:</b> 008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7048
<b>API Well Number:</b> 427114052000	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 42
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 / 4244	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 27-AUG-1981	First Sample Examined: 4200
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 7700
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6016
API Well Number: 427114052100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 4200 - 7650	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4200 / 3550	DEF AT first sample examined	DEF AT 3
4201 / 3550	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4589 / 3826	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4590 / 3827	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4710 / 3912	DEF AT faunal change (no faunal increase)	DEF AT 3
5040 / 4146	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5220 / 4280	DEF AT sample gap top	POS AT 3
5249 / 4302	DEF AT sample gap bottom	DEF AT 3
5250 / 4303	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7650 / 5984	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 23-SEP-1981	First Sample Examined: 4000
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 6420
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5533
API Well Number: 427114052300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 2	Sample Range: 4000 - 6420	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3517	DEF AT cement	DEF AT 3
4150 / 3637	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
4750 / 4125	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5290 / 4573	DEF AT -----	DEF AT 2
6280 / 5411	DEF AT -----	DEF AT 4
6370 / 5489	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6420 / 5533	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6420
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5533
<b>API Well Number:</b> 427114052300	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 3653	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 19-NOV-1981	First Sample Examined: 7100
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 12757
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11777
API Well Number: 427114052400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 7100 - 12710	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6881	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8060 / 7693	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8270 / 7874	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8600 / 8161	DEF AT -----	DEF AT 3
9410 / 8864	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10010 / 9382	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10580 / 9882	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11030 /10283	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11240 /10462	DEF AT -----	DEF AT 4
11780 /10942	DEF AT local marker foram increase	DEF AT 5
12170 /11281	DEF AT local marker deep water fauna	DEF AT 5
12620 /11663	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12710 /11738	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 19-MAY-1983	First Sample Examined: 0
Lease Number: G02786	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12757
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11777
API Well Number: 427114052400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8270 / 7874	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10010 / 9382	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10011 / 9383	POS AT Pliocene	DEF AT 0
10012 / 9383	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 26-APR-1982	First Sample Examined: 5000
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 7300
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4902
API Well Number: 427114054500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 2	Sample Range: 5000 - 7250	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 3529	DEF AT first sample examined	DEF AT 2
5300 / 3693	DEF AT -----	DEF AT 3
5600 / 3859	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
6020 / 4101	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6650 / 4478	DEF AT -----	DEF AT 2
7250 / 4864	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 07-JUN-1982	First Sample Examined: 0
Lease Number: G02786	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 4902
API Well Number: 427114054500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6314 / 4275	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 15-JAN-1982	<b>First Sample Examined:</b> 3720
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7832
<b>Well Name:</b> A007	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5398
<b>API Well Number:</b> 427114052900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3720 - 7800	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3720 / 2971	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4860 / 3692	DEF AT -----	DEF AT 3
5130 / 3845	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5730 / 4189	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6270 / 4498	DEF AT -----	DEF AT 2
7650 / 5286	DEF AT -----	DEF AT 3
7800 / 5379	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 28-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7832
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5398
<b>API Well Number:</b> 427114052900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 4189	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 24-MAR-1982	First Sample Examined: 7290
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 12650
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 427114053800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 3	Sample Range: 7290 - 9600	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 / 7027	DEF AT first sample examined	DEF AT 3
8340 / 7991	DEF AT local marker foram increase	DEF AT 4
8610 / 8245	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8970 / 8584	DEF AT -----	DEF AT 3
9600 / 9181	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 24-MAR-1982	First Sample Examined: 9540
Lease Number: G02786	Source of Paleo: OPERATOR	Borehole MD: 12650
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 427114053800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 2 of 3	Sample Range: 9540 - 12600	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9540 / 9124	DEF AT first sample examined	DEF AT 4
9630 / 9209	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9960 / 9522	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10430 / 9964	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10530 /10057	DEF AT -----	DEF AT 5
10710 /10222	DEF AT local marker deep water fauna	DEF AT 5
12120 /11513	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12600 /11963	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 315	Date of Summary: 19-MAY-1983	First Sample Examined: 0
Lease Number: G02786	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12650
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427114053800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 25-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8610 / 8245	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9960 / 9522	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9961 / 9523	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 22-JUN-1982	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9843
<b>Well Name:</b> A010	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8854
<b>API Well Number:</b> 427114055100	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4500 - 9810	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 2
4800 / 4800	DEF AT sample gap top	DEF AT 0
4889 / 4889	DEF AT sample gap bottom	DEF AT 0
4890 / 4890	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
5490 / 5486	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6030 / 5995	DEF AT local marker (general)	DEF AT 3
7320 / 7081	DEF AT -----	DEF AT 2
7740 / 7379	DEF AT poor sample interval top	POS AT 2
8489 / 7904	DEF AT poor sample interval bottom	POS AT 2
8490 / 7904	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9180 / 8385	DEF AT -----	DEF AT 3
9750 / 8788	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9810 / 8831	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 315	<b>Date of Summary:</b> 29-NOV-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02786	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9843
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8854
<b>API Well Number:</b> 427114055100	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 / 5486	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8490 / 7904	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9750 / 8788	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 317 <b>Lease Number:</b> G02412 <b>Well Name:</b> A001 <b>API Well Number:</b> 427114030900 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 18-FEB-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> AMINOIL INC. <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9138 <b>Borehole TVD:</b> 8794 <b>Rkb Elevation:</b> 108 <b>Water Depth:</b> 210 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4470 / 4467	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8670 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 23-JAN-1978	<b>First Sample Examined:</b> 3810
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9138
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8794
<b>API Well Number:</b> 427114030900	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3810 - 9138	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 18-FEB-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 / 3810	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4470 / 4467	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8670 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9138 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary:	First Sample Examined: 0
Lease Number: G02412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9100
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6703
API Well Number: 427114032400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 4	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 16-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2410 / 2410	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5020 / 4250	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8470 / 6328	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 20-MAR-1978	First Sample Examined: 1600
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6703
API Well Number: 427114032400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 2 of 4	Sample Range: 1600 - 8950	Water Depth: 210
Public Info Code: Y 16-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT first sample examined	DEF IN 3
2410 / 2410	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4090 / 3665	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5020 / 4250	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8470 / 6328	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8530 / 6363	DEF AT - - - -	DEF AT 4
8950 / 6611	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 20-MAR-1978	First Sample Examined: 8290
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6703
API Well Number: 427114032400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 3 of 4	Sample Range: 8290 - 9640	Water Depth: 210
Public Info Code: Y 16-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8290 / 6219	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8440 / 6310	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8620 / 6416	DEF AT -----	DEF AT 4
9340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9640 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 20-MAR-1978	<b>First Sample Examined:</b> 8760
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9100
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6703
<b>API Well Number:</b> 427114032400	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 8760 - 9100	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 16-APR-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:** Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8760 / 6498	DEF AT first sample examined	DEF AT 4
9100 / 6703	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12253
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7766
<b>API Well Number:</b> 427114033200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 06-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6830 / 4324	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 12-JUN-1978	First Sample Examined: 4885
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 12253
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7766
API Well Number: 427114033200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 2 of 3	Sample Range: 4885 - 11450	Water Depth: 210
Public Info Code: Y 06-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4885 / 3236	DEF AT first sample examined	DEF IN 3
6830 / 4324	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10460 / 6536	DEF AT -----	DEF AT 4
11450 / 7161	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 12-JUN-1978	<b>First Sample Examined:</b> 11060
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12253
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7766
<b>API Well Number:</b> 427114033200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 11060 - 12253	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 06-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11060 / 6881	DEF AT first sample examined	DEF AT 4
12253 / 7766	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 18-SEP-1978	First Sample Examined: 4550
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 11895
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8606
API Well Number: 427114034200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 109
Paleo Report Num: 1 of 6	Sample Range: 4550 - 9500	Water Depth: 210
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 / 3512	DEF AT cement	DEF AT 0
4670 / 3592	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5240 / 3956	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5780 / 4283	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6380 / 4668	DEF AT sample gap top	DEF AT 0
7220 / 5173	DEF AT sample gap bottom	DEF AT 0
9500 / 6641	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 18-SEP-1978	<b>First Sample Examined:</b> 9320
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11895
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8606
<b>API Well Number:</b> 427114034200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 6	<b>Sample Range:</b> 9320 - 11440	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 29-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9320 / 6520	DEF AT first sample examined	DEF AT 3
10250 / 7168	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11440 / 8033	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 18-SEP-1978	First Sample Examined: 11380
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 11895
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8606
API Well Number: 427114034200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 109
Paleo Report Num: 3 of 6	Sample Range: 11380 - 11599	Water Depth: 210
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11380 / 7989	DEF AT first sample examined	DEF AT 3
11599 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 30-NOV-1979	First Sample Examined: 11160
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 11895
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8606
API Well Number: 427114034200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 109
Paleo Report Num: 4 of 6	Sample Range: 11160 - 11895	Water Depth: 210
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11160 / 7824	DEF AT first sample examined	DEF IN 3
11640 /	DEF AT sample gap top	DEF AT 0
11790 /	DEF AT sample gap bottom	DEF AT 0
11895 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 28-OCT-1992	First Sample Examined: 0
Lease Number: G02412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11895
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8606
API Well Number: 427114034200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 5 of 6	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS:	Paleo ID: 005

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11030 / 7724	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 28-DEC-1998	First Sample Examined: 0
Lease Number: G02412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11895
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8606
API Well Number: 427114034200	Drilling Operator: EL PASO PRODUCTION OIL & GAS COMPANY	Rkb Elevation: 109
Paleo Report Num: 6 of 6	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS:	Paleo ID: 006

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6270 / 4600	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11324 / 7947	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12215
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11187
<b>API Well Number:</b> 427114036500	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 06-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 3690	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5130 / 4575	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 12-OCT-1978	First Sample Examined: 3840
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 12215
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11187
API Well Number: 427114036500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 3840 - 12210	Water Depth: 210
Public Info Code: Y 06-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3666	DEF AT -----	DEF IN 3
4050 / 3690	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5130 / 4575	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9510 / 8483	DEF AT -----	DEF AT 4
9570 / 8543	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11850 / 10822	DEF AT -----	POS AT 5
12210 / 11182	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 29-NOV-1978	First Sample Examined: 4630
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 8558
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6769
API Well Number: 427114038100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 4630 - 8530	Water Depth: 210
Public Info Code: Y 03-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 / 3711	DEF AT first sample examined	DEF IN 2
4660 / 3730	DEF AT - - - - -	DEF IN 3
4810 / 3830	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5530 / 4341	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8530 / 6747	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 14-DEC-1978	First Sample Examined: 3420
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 8686
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5857
API Well Number: 427114038600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3420 - 8690	Water Depth: 210
Public Info Code: Y 29-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 2370	DEF AT first sample examined	DEF IN 3
5160 / 3423	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8690 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 22-JAN-1979	First Sample Examined: 4100
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 9722
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8015
API Well Number: 427114038900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 4100 - 9700	Water Depth: 210
Public Info Code: Y 01-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 3472	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5360 / 4454	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9700 / 7996	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 30-JAN-1979	First Sample Examined: 3800
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 7706
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6881
API Well Number: 427114040300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 3800 - 7703	Water Depth: 210
Public Info Code: Y 27-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3290	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4220 / 3601	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4430 / 3773	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7490 / 6668	DEF AT -----	DEF AT 4
7600 / 6777	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7703 / 6878	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 06-OCT-1998	First Sample Examined: 0
Lease Number: G02412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7706
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6881
API Well Number: 427114040300	Drilling Operator: EL PASO PRODUCTION OIL & GAS COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 27-FEB-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5494 / 4716	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7250 / 6431	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 27-MAR-1979	First Sample Examined: 2830
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 7180
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5217
API Well Number: 427114040900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 2830 - 7185	Water Depth: 210
Public Info Code: Y 16-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2830 / 2463	DEF AT first sample examined	DEF AT 3
4900 / 3721	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5980 / 4357	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7185 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 18-MAY-1979	First Sample Examined: 4100
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 8330
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6206
API Well Number: 427114041200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4100 - 8330	Water Depth: 210
Public Info Code: Y 15-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4100 / 3009	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4700 / 3388	DEF AT -----	DEF AT 4
4760 / 3423	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4970 / 3541	DEF AT sample gap top	DEF AT 0
5239 / 3714	DEF AT sample gap bottom	DEF AT 0
5240 / 3715	DEF AT -----	DEF IN 3
5420 / 3844	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8150 / 6027	DEF AT -----	DEF AT 4
8180 / 6052	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8330 / 6178	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 07-SEP-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8330
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6206
<b>API Well Number:</b> 427114041200	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 15-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6964 / 5048	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 27-JUN-1979	First Sample Examined: 4670
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 8684
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5232
API Well Number: 427114042900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4670 - 8684	Water Depth: 210
Public Info Code: Y 11-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4670 / 3017	DEF AT cement	DEF AT 0
4730 / 3050	DEF AT sample gap top	DEF AT 0
4850 / 3117	DEF AT sample gap bottom	DEF AT 0
4940 / 3166	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7640 / 4548	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8684 / 5207	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 27-OCT-1980	First Sample Examined: 4160
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 10715
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6966
API Well Number: 427114043800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4160 - 11120	Water Depth: 210
Public Info Code: Y 20-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 / 2982	DEF AT cement	DEF AT 0
4280 / 3054	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7100 / 4725	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9020 / 6003	DEF AT sample gap top	DEF AT 0
9410 / 6217	DEF AT sample gap bottom	DEF AT 0
10190 / 6672	DEF AT sample gap top	DEF AT 0
10790 / 7136	DEF AT sample gap bottom	DEF AT 0
11090 /	DEF AT -----	DEF AT 4
11120 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 27-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10715
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6966
<b>API Well Number:</b> 427114043800	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 20-NOV-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 / 6891	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317 <b>Lease Number:</b> G02412 <b>Well Name:</b> A015 <b>API Well Number:</b> 427114043900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 08-OCT-1989	<b>Date of Summary:</b> 12-OCT-1979 <b>Source of Paleo:</b> OPERATOR <b>Paleo Done By:</b> PALEO-DATA, INC. <b>Drilling Operator:</b> AMINOIL INC. <b>Sample Range:</b> 4680 - 9997 <b>Ecozone Eq MMS:</b> Y	<b>First Sample Examined:</b> 4680 <b>Borehole MD:</b> 10488 <b>Borehole TVD:</b> 5132 <b>Rkb Elevation:</b> 108 <b>Water Depth:</b> 210 <b>Paleo ID:</b> 001
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 2864	DEF AT first sample examined	DEF IN 2
5520 / 3139	DEF AT - - - - -	DEF AT 3
7410 / 3834	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9997 / 4920	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 22-AUG-1979	First Sample Examined: 5300
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 9343
Well Name: A016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8002
API Well Number: 427114044200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5300 - 9350	Water Depth: 210
Public Info Code: Y 20-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4454	DEF AT first sample examined	DEF IN 3
5330 / 4475	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7130 / 5857	DEF AT sample gap top	DEF AT 0
7520 / 6215	DEF AT sample gap bottom	DEF AT 0
9350 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 07-FEB-1980	<b>First Sample Examined:</b> 4400
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13374
<b>Well Name:</b> A018	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9828
<b>API Well Number:</b> 427114046500	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4400 - 13330	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 23-FEB-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 3490	DEF AT first sample examined	DEF IN 3
5090 / 3962	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11450 / 8439	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
12170 / 8977	DEF AT -----	DEF AT 4
13330 / 9831	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 317	Date of Summary: 27-MAR-1981	First Sample Examined: 0
Lease Number: G02412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13374
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 9828
API Well Number: 427114046500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 23-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6324 / 4791	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
12006 / 8857	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
12868 / 9484	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 30-DEC-1980	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11647
<b>Well Name:</b> A021	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8202
<b>API Well Number:</b> 427114049200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4500 - 11644	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 3080	DEF AT first sample examined	DEF IN 2
4830 / 3294	DEF AT -----	DEF AT 3
7230 / 4668	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11530 / 8085	DEF AT -----	DEF AT 4
11590 / 8145	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11644 / 8199	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 317	<b>Date of Summary:</b> 09-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02412	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11647
<b>Well Name:</b> A021	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8202
<b>API Well Number:</b> 427114049200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 25-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10440 / 7009	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11442 / 7997	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 324	Date of Summary: 03-OCT-1988	First Sample Examined: 4200
Lease Number: G06252	Source of Paleo: OPERATOR	Borehole MD: 11165
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11157
API Well Number: 427114062800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4200 - 11160	Water Depth: 222
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 /	DEF AT first sample examined	DEF AT 3
5040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8670 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9480 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11160 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 325	<b>Date of Summary:</b> 29-NOV-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02416	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3500
<b>Well Name:</b> 007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3500
<b>API Well Number:</b> 427114055500	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 235
<b>Public Info Code:</b> Y 20-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1698 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 325	<b>Date of Summary:</b> 13-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02416	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6930
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4915
<b>API Well Number:</b> 427114045700	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 229
<b>Public Info Code:</b> Y 04-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 / 2757	DEF AT -----	DEF AT 3
5200 / 3877	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5290 / 3931	DEF AT -----	DEF AT 4
5950 / 4324	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 325	Date of Summary: 01-JUL-1996	First Sample Examined: 0
Lease Number: G02416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6030
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5421
API Well Number: 427114047300	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 01-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3490 / 3325	POS IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5300 / 4788	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 325	Date of Summary: 02-APR-1981	First Sample Examined: 0
Lease Number: G02416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5896
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 4239
API Well Number: 427114048600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 / 2704	DEF AT -----	DEF AT 2
3460 / 2721	DEF AT -----	DEF AT 3
3520 / 2757	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 325	Date of Summary: 31-MAR-1981	First Sample Examined: 0
Lease Number: G02416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6987
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 4491
API Well Number: 427114048700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 12-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6630 / 4302	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 325	<b>Date of Summary:</b> 07-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02416	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7295
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5256
<b>API Well Number:</b> 427114048900	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 229
<b>Public Info Code:</b> Y 03-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 / 2994	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4280 / 3763	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5890 / 4496	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 325	Date of Summary: 01-OCT-1981	First Sample Examined: 0
Lease Number: G02416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7256
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4478
API Well Number: 427114049500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 13-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4295 / 3057	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6004 / 3898	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 330 <b>Lease Number:</b> G02421 <b>Well Name:</b> A005 <b>API Well Number:</b> 427114013301 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 04-AUG-1992	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> BURMAH OIL & GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 4120 <b>Borehole TVD:</b> 3801 <b>Rkb Elevation:</b> 106 <b>Water Depth:</b> 260 <b>Paleo ID:</b> 002
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**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9350 / 8769	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9770 / 9186	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 06-APR-1976	First Sample Examined: 4312
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 4120
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3801
API Well Number: 427114013301	Drilling Operator: AMINOIL DEVELOPMENT INCORPORA	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 4312 - 11090	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4312 / 3962	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
9350 / 8769	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9770 / 9186	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9800 / 9216	POS AT gouge	DEF AT 6
9950 / 9366	DEF AT -----	DEF AT 4
10790 /10205	DEF AT -----	DEF AT 5
10970 /10385	DEF AT gouge	DEF AT 6
10971 /10386	POS AT Miocene	DEF AT 6
11090 /10505	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 330 <b>Lease Number:</b> G02421 <b>Well Name:</b> A007 <b>API Well Number:</b> 427114015900 <b>Paleo Report Num:</b> 1 of 3 <b>Public Info Code:</b> Y 04-AUG-1992</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> AMINOIL INC. <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8062 <b>Borehole TVD:</b> 6970 <b>Rkb Elevation:</b> 107 <b>Water Depth:</b> 260 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 7010	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12236 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
12386 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 10-SEP-1976	First Sample Examined: 3009
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8062
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6970
API Well Number: 427114015900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 2 of 3	Sample Range: 3009 - 9000	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3009 / 2993	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7890 / 6813	DEF AT - - - - -	DEF AT 4
8190 / 7032	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9000 / 7624	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 10-SEP-1976	First Sample Examined: 7650
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8062
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6970
API Well Number: 427114015900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 3 of 3	Sample Range: 7650 - 12596	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7650 / 6638	DEF AT first sample examined	DEF AT 4
8160 / 7010	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12236 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
12386 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12596 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 330	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02421	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10690
<b>Well Name:</b> A016	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9996
<b>API Well Number:</b> 427114026200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 04-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7162 / 6941	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9240 / 8772	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9750 / 9223	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 330	<b>Date of Summary:</b> 01-JUN-1977	<b>First Sample Examined:</b> 5182
<b>Lease Number:</b> G02421	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10690
<b>Well Name:</b> A016	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9996
<b>API Well Number:</b> 427114026200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 5182 - 10680	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 04-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5182 / 5162	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7162 / 6941	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7163 / 6942	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9240 / 8772	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9750 / 9223	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10680 / 9988	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 05-FEB-1996	First Sample Examined: 0
Lease Number: G02421	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10690
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 9996
API Well Number: 427114026200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 106
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6580 / 6423	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 330 <b>Lease Number:</b> G02557 <b>Well Name:</b> A003 <b>API Well Number:</b> 427114013300 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 04-AUG-1992</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> BURMAH OIL &amp; GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10300 <b>Borehole TVD:</b> 8852 <b>Rkb Elevation:</b> 106 <b>Water Depth:</b> 260 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8680 / 7523	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 05-MAR-1976	First Sample Examined: 4091
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8852
API Well Number: 427114013300	Drilling Operator: AMINOIL DEVELOPMENT INCORPORA	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 4091 - 10288	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4091 / 3774	DEF AT first sample examined	DEF AT 3
4092 / 3775	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8679 / 7522	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 4
10288 / 8837	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary:	First Sample Examined: 0
Lease Number: G02557	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15144
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 12973
API Well Number: 427114026600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3355 / 3335	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8695 / 7308	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
13353 / 11299	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 07-SEP-1977	First Sample Examined: 3025
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 15144
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12973
API Well Number: 427114026600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 2 of 3	Sample Range: 3025 - 12910	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3025 / 3019	DEF AT first sample examined	DEF IN 3
3355 / 3335	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8695 / 7308	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
12910 / 10901	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 07-SEP-1977	First Sample Examined: 12063
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 15144
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12973
API Well Number: 427114026600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 3 of 3	Sample Range: 12063 - 15143	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12063 /10150	DEF AT first sample examined	DEF AT 3
13353 /11299	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
13533 /11464	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14183 /	DEF AT local marker deep water fauna	DEF AT 6
14603 /	DEF AT gouge	DEF AT 6
15143 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 330	Date of Summary: 07-OCT-1977	First Sample Examined: 3200
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 9904
Well Name: A018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9355
API Well Number: 427114028800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3200 - 9860	Water Depth: 260
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3038	DEF AT first sample examined	DEF AT 2
3440 / 3252	DEF AT faunal change (no faunal increase)	DEF AT 3
3590 / 3386	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4040 / 3787	DEF AT sample gap top	POS AT 3
4520 / 4219	DEF AT sample gap bottom	DEF AT 3
8510 / 7984	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9260 / 8732	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9860 / 9329	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 334	<b>Date of Summary:</b> 12-APR-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02423	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6354
<b>Well Name:</b> B008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6299
<b>API Well Number:</b> 427114031800	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 232
<b>Public Info Code:</b> Y 17-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5379 / 5334	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 344	Date of Summary: 15-JUL-1992	First Sample Examined: 0
Lease Number: G09148	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7700
API Well Number: 427114068500	Drilling Operator: TRANSTEX RESOURCES INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6460 / 6459	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6770 / 6769	DEF AT unconformity	DEF AT 0
7135 / 7134	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 22-MAY-1978	First Sample Examined: 4000
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 13507
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12926
API Well Number: 427114033300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4000 - 13509	Water Depth: 280
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF IN 3
4001 / 4001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8110 / 7929	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10840 / 10457	DEF AT faunal change (no faunal increase)	DEF AT 5
12580 / 12086	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
12730 / 12225	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
13390 / 12820	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
13391 / 12821	POS AT gouge	DEF AT 6
13509 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 349	<b>Date of Summary:</b> 17-JUL-1978	<b>First Sample Examined:</b> 3014
<b>Lease Number:</b> G02743	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11292
<b>Well Name:</b> B002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10571
<b>API Well Number:</b> 427114034900	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3014 - 11280	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 29-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3014 / 3013	DEF AT first sample examined	DEF IN 2
3300 / 3299	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8340 / 7652	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8880 / 8176	DEF AT -----	DEF AT 4
10350 / 9639	DEF AT -----	DEF AT 5
10710 / 9998	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11280 / 10559	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 06-OCT-1978	First Sample Examined: 3200
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 10666
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9026
API Well Number: 427114037300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3200 - 10670	Water Depth: 280
Public Info Code: Y 24-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3003	DEF AT first sample examined	DEF IN 3
3530 / 3259	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8480 / 7221	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9080 / 7725	DEF AT -----	DEF AT 4
10670 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 04-JUN-1979	First Sample Examined: 3600
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 10863
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10647
API Well Number: 427114037500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3600 - 10862	Water Depth: 280
Public Info Code: Y 17-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT cement	DEF AT 0
3630 / 3630	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4380 / 4369	DEF AT sample gap top	DEF AT 0
4860 / 4828	DEF AT sample gap bottom	DEF AT 0
8160 / 7942	DEF AT -----	DEF AT 4
9930 / 9708	DEF AT sample gap top	DEF AT 0
10380 / 10158	DEF AT sample gap bottom	DEF AT 0
10862 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 349	<b>Date of Summary:</b> 14-DEC-1978	<b>First Sample Examined:</b> 4900
<b>Lease Number:</b> G02743	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10842
<b>Well Name:</b> B007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10454
<b>API Well Number:</b> 427114037301	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4900 - 10760	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 19-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4558	DEF AT first sample examined	DEF IN 3
4960 / 4614	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8150 / 7741	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8390 / 7981	DEF AT -----	DEF AT 4
10030 / 9621	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10760 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 349	<b>Date of Summary:</b> 14-DEC-1978	<b>First Sample Examined:</b> 10320
<b>Lease Number:</b> G02743	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10842
<b>Well Name:</b> B007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10454
<b>API Well Number:</b> 427114037301	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10320 - 10840	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 19-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10320 / 9911	DEF AT first sample examined	DEF AT 4
10840 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 26-MAR-1980	First Sample Examined: 3400
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 9212
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5996
API Well Number: 427114044800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3400 - 9200	Water Depth: 280
Public Info Code: Y 24-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 2993	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6760 / 4798	DEF AT sample gap top	DEF AT 0
7100 / 4964	DEF AT sample gap bottom	DEF AT 0
9200 / 5974	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 349	<b>Date of Summary:</b> 06-JUN-1980	<b>First Sample Examined:</b> 3900
<b>Lease Number:</b> G02743	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8667
<b>Well Name:</b> B013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7670
<b>API Well Number:</b> 427114047800	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3900 - 8640	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 15-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 3306	DEF AT -----	DEF AT 3
4380 / 3547	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8640 / 7643	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 18-SEP-1978	First Sample Examined: 4000
Lease Number: G03286	Source of Paleo: OPERATOR	Borehole MD: 13718
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13142
API Well Number: 427114036100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4000 - 13440	Water Depth: 280
Public Info Code: Y 22-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 3915	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8140 / 7765	DEF AT - - - - -	DEF AT 4
8230 / 7848	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9700 / 9215	DEF AT sample gap top	DEF AT 0
10210 / 9695	DEF AT sample gap bottom	DEF AT 0
12180 / 11635	DEF AT sample gap top	DEF AT 0
12690 / 12141	DEF AT sample gap bottom	DEF AT 0
12720 / 12170	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12930 / 12375	DEF AT - - - - -	DEF AT 5
13440 / 12867	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 18-DEC-1979	First Sample Examined: 3420
Lease Number: G03286	Source of Paleo: OPERATOR	Borehole MD: 15081
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11925
API Well Number: 427114044400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3420 - 15080	Water Depth: 280
Public Info Code: Y 09-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 3123	DEF AT first sample examined	DEF IN 3
3780 / 3355	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
10980 / 7989	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
15080 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 14-MAR-1980	First Sample Examined: 6000
Lease Number: G03286	Source of Paleo: OPERATOR	Borehole MD: 12924
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11624
API Well Number: 427114044401	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 4	Sample Range: 6000 - 12900	Water Depth: 280
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5282	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8970 / 7999	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10110 / 9054	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
12900 / 11622	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 14-MAR-1980	First Sample Examined: 12700
Lease Number: G03286	Source of Paleo: OPERATOR	Borehole MD: 12924
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11624
API Well Number: 427114044401	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 2 of 4	Sample Range: 12700 - 12910	Water Depth: 280
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12700 /11431	DEF AT first sample examined	DEF AT 4
12910 /11632	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 04-AUG-1989	First Sample Examined: 0
Lease Number: G03286	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12924
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 11624
API Well Number: 427114044401	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 106
Paleo Report Num: 3 of 4	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11333 /10175	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 349	<b>Date of Summary:</b> 16-APR-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03286	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12924
<b>Well Name:</b> B011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11624
<b>API Well Number:</b> 427114044401	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 02-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9324 / 8327	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 349	Date of Summary: 14-SEP-1979	First Sample Examined: 3200
Lease Number: G03286	Source of Paleo: OPERATOR	Borehole MD: 12567
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11593
API Well Number: 427114044000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3200 - 12530	Water Depth: 280
Public Info Code: Y 29-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3200 / 3198	DEF AT first sample examined	DEF IN 3
3290 / 3288	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7790 / 7394	DEF AT sample gap top	DEF AT 0
7850 / 7445	DEF AT sample gap bottom	DEF AT 0
8300 / 7831	DEF AT -----	DEF AT 4
8570 / 8064	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12530 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 351	Date of Summary: 22-MAR-1978	First Sample Examined: 1010
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 8080
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8078
API Well Number: 427114030400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 1010 - 8080	Water Depth: 286
Public Info Code: Y 06-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 /	DEF AT -----	DEF IN 4
1430 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7240 /	DEF AT -----	DEF AT 5
7300 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7840 /	POS AT gouge	DEF AT 6
8050 /	DEF AT anhydrite	DEF AT 0
8080 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 353	Date of Summary: 15-APR-1988	First Sample Examined: 0
Lease Number: G07362	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 427114062100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 07-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4540 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7060 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11050 /	POS AT Pliocene	DEF AT 0
11620 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 353	Date of Summary: 29-JUL-1991	First Sample Examined: 0
Lease Number: G07362	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8230
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8227
API Well Number: 427114068000	Drilling Operator: NCX COMPANY INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 07-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6898 / 6896	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7158 / 7156	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 13-JAN-1982	First Sample Examined: 3108
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 7389
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5599
API Well Number: 427114050000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 2	Sample Range: 3108 - 7396	Water Depth: 314
Public Info Code: Y 02-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3108 / 2615	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3210 / 2669	DEF AT -----	DEF AT 3
7230 / 5465	DEF AT -----	DEF AT 5
7350 / 5566	DEF AT anhydrite	DEF AT 0
7396 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 18-JAN-1990	First Sample Examined: 0
Lease Number: G02429	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7389
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5599
API Well Number: 427114050000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 314
Public Info Code: Y 02-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3108 / 2615	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3210 / 2669	DEF AT -----	DEF AT 3
7230 / 5465	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 368	<b>Date of Summary:</b> 12-MAR-1982	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> G02429	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7267
<b>Well Name:</b> A006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4519
<b>API Well Number:</b> 427114054200	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 119
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3000 - 7268	<b>Water Depth:</b> 314
<b>Public Info Code:</b> Y 06-APR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2416	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7268 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 13-JUL-1982	First Sample Examined: 1650
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 6721
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4833
API Well Number: 427114055700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 1650 - 6720	Water Depth: 314
Public Info Code: Y 11-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 / 1575	DEF AT first sample examined	DEF IN 3
1680 / 1601	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2880 / 2493	DEF AT -----	DEF AT 4
6720 / 4949	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 09-AUG-1982	First Sample Examined: 1000
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 4495
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4242
API Well Number: 427114056400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 1000 - 4495	Water Depth: 314
Public Info Code: Y 04-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 996	DEF AT first sample examined	DEF IN 3
1410 / 1383	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
1800 / 1743	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4495 / 4243	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 368	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02433	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10190
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7510
<b>API Well Number:</b> 427114036900	<b>Drilling Operator:</b> HAMILTON BROTHERS OIL COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 362
<b>Public Info Code:</b> Y 18-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4290 / 3721	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 368	<b>Date of Summary:</b> 31-AUG-1978	<b>First Sample Examined:</b> 3390
<b>Lease Number:</b> G02433	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10190
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7510
<b>API Well Number:</b> 427114036900	<b>Drilling Operator:</b> HAMILTON BROTHERS OIL COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3390 - 10170	<b>Water Depth:</b> 362
<b>Public Info Code:</b> Y 18-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 3121	DEF AT first sample examined	DEF AT 0
3630 / 3285	DEF AT - - - - -	DEF AT 4
4290 / 3721	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
10170 / 7505	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 08-DEC-1981	First Sample Examined: 4470
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 7178
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7103
API Well Number: 427114046400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 4470 - 7200	Water Depth: 314
Public Info Code: Y 22-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4470 / 4397	DEF AT first sample examined	DEF IN 2
5670 / 5597	DEF AT sample gap top	DEF AT 0
6090 / 6017	DEF AT sample gap bottom	DEF AT 0
6142 / 6069	DEF AT sample gap top	DEF AT 0
6269 / 6196	DEF AT sample gap bottom	DEF AT 0
6270 / 6197	DEF AT - - - - -	DEF IN 3
6450 / 6376	DEF AT sample gap top	DEF AT 0
6660 / 6586	DEF AT sample gap bottom	DEF AT 0
6750 / 6676	POS AT gouge	DEF AT 5
6990 / 6915	DEF AT anhydrite	DEF AT 0
7200 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 368	<b>Date of Summary:</b> 02-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02433	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7178
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7103
<b>API Well Number:</b> 427114046400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 314
<b>Public Info Code:</b> Y 22-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2627	DEF AT -----	DEF AT 2
2730 / 2657	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3720 / 3647	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 19-APR-1982	First Sample Examined: 2000
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 6686
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5247
API Well Number: 427114054600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 2000 - 6687	Water Depth: 314
Public Info Code: Y 14-MAY-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1924	DEF AT first sample examined	DEF IN 4
2930 / 2595	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6590 / 5178	DEF AT anhydrite	DEF AT 0
6687 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 13-JUL-1982	First Sample Examined: 1600
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 4962
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4601
API Well Number: 427114055300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 1600 - 4904	Water Depth: 314
Public Info Code: Y 12-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3790 / 3613	DEF AT - - - - -	DEF AT 4
4904 / 4552	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 368	Date of Summary: 21-JUL-1982	First Sample Examined: 3100
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 9389
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7302
API Well Number: 427114055900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 3100 - 9388	Water Depth: 314
Public Info Code: Y 16-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 2536	DEF AT first sample examined	DEF IN 2
4420 / 3457	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7840 / 5924	DEF AT - - - - -	DEF AT 4
9030 / 6967	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9388 / 7301	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 369	Date of Summary: 24-NOV-1982	First Sample Examined: 3420
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 12628
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12621
API Well Number: 427114056500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3420 - 12620	Water Depth: 365
Public Info Code: Y 18-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3420 /	DEF AT first sample examined	POS AT 1
3421 /	DEF AT cement	POS AT 1
3450 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3720 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3780 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4230 /	DEF AT faunal change (no faunal increase)	POS AT 1
4530 /	DEF AT faunal change (no faunal increase)	POS AT 1
4680 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4710 /	DEF AT faunal change (no faunal increase)	POS AT 2
4800 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5040 /	DEF AT faunal change (no faunal increase)	POS AT 1
5160 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5460 /	DEF AT faunal change (no faunal increase)	POS AT 1
5670 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6360 /	DEF AT non-marine sediment	DEF AT 0
6420 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8130 /	DEF AT faunal change (no faunal increase)	POS AT 1
8190 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8309 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8310 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
8400 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8490 /	DEF AT faunal change (no faunal increase)	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 369	Date of Summary: 24-NOV-1982	First Sample Examined: 3420
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 12628
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12621
API Well Number: 427114056500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3420 - 12620	Water Depth: 365
Public Info Code: Y 18-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 /	DEF AT faunal change (no faunal increase)	POS AT 3
8580 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8700 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8760 /	DEF AT faunal change (no faunal increase)	POS AT 1
8850 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9060 /	DEF AT faunal change (no faunal increase)	POS AT 1
9210 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9420 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9480 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9690 /	DEF AT faunal change (no faunal increase)	POS AT 1
9780 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9930 /	DEF AT faunal change (no faunal increase)	POS AT 1
10080 /	DEF AT cement	POS AT 1
10200 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10380 /	DEF AT unconformity	DEF AT 1
10500 /	DEF AT faunal change (no faunal increase)	POS AT 1
10530 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10531 /	DEF AT non-marine sediment	POS AT 1
10950 /	DEF AT faunal change (no faunal increase)	POS AT 1
11130 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11131 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
11310 /	DEF AT gouge	DEF AT
11460 /	DEF AT salt	DEF AT
12240 /	DEF AT gouge	DEF AT

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 369	<b>Date of Summary:</b> 24-NOV-1982	<b>First Sample Examined:</b> 3420
<b>Lease Number:</b> G02751	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12628
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 12621
<b>API Well Number:</b> 427114056500	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3420 - 12620	<b>Water Depth:</b> 365
<b>Public Info Code:</b> Y 18-NOV-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12360 /	DEF AT salt	DEF AT
12540 /	DEF AT gouge	DEF AT
12600 /	DEF AT salt	DEF AT
12620 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 370	Date of Summary: 29-MAR-1977	First Sample Examined: 3120
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 10240
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9584
API Well Number: 427114023400	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 3120 - 10240	Water Depth: 345
Public Info Code: Y 17-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8400=Glomospira sp

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 2984	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7080 / 6546	DEF AT - - - - -	DEF AT 4
7170 / 6629	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8400 / 7778	DEF AT local marker (general)	DEF AT 5
10240 / 9584	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 376	<b>Date of Summary:</b> 19-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02750	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7019
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5437
<b>API Well Number:</b> 427114052200	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 328
<b>Public Info Code:</b> Y 20-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5215 / 4082	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 10-FEB-1984	First Sample Examined: 0
Lease Number: G02750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7019
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5437
API Well Number: 427114052200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 20-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5215 / 4082	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6068 / 4727	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 14-FEB-1984	First Sample Examined: 0
Lease Number: G02750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5812
API Well Number: 427114053100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 28-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6606 / 4487	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8162 / 5511	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 376	<b>Date of Summary:</b> 10-FEB-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02750	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5904
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5013
<b>API Well Number:</b> 427114054800	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 341
<b>Public Info Code:</b> Y 04-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3734 / 3333	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5454 / 4656	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 20-FEB-1984	First Sample Examined: 0
Lease Number: G02750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6595
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 5824
API Well Number: 427114055200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 31-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3342	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5225 / 4700	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 20-FEB-1984	First Sample Examined: 0
Lease Number: G02750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7653
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 5143
API Well Number: 427114055600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 341
Public Info Code: Y 15-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4783 / 3305	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6060 / 4043	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6924 / 4618	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6986 / 4661	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 20-FEB-1984	First Sample Examined: 0
Lease Number: G02750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10903
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 7496
API Well Number: 427114056700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6424 / 4687	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6494 / 4730	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 10-FEB-1984	First Sample Examined: 0
Lease Number: G02750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9387
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 5820
API Well Number: 427114057600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 341
Public Info Code: Y 21-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 / 3343	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7820 / 4844	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 24-FEB-1984	First Sample Examined: 0
Lease Number: G02754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6100
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5825
API Well Number: 427114052600	Drilling Operator: ANADARKO PRODUCTION COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 06-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3406 / 3297	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 376	<b>Date of Summary:</b> 14-FEB-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02754	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5833
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4896
<b>API Well Number:</b> 427114052700	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 328
<b>Public Info Code:</b> Y 09-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4656 / 3925	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 376	<b>Date of Summary:</b> 07-JUN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02754	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7986
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5807
<b>API Well Number:</b> 427114054400	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 328
<b>Public Info Code:</b> Y 22-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 / 3213	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 376	<b>Date of Summary:</b> 29-NOV-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02754	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6221
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3685
<b>API Well Number:</b> 427114055000	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 328
<b>Public Info Code:</b> Y 19-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5065 / 3154	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 376	Date of Summary: 10-FEB-1984	First Sample Examined: 0
Lease Number: G02754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6791
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 4910
API Well Number: 427114057200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 14-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4095 / 3190	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 376	<b>Date of Summary:</b> 20-FEB-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02754	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5358
<b>Well Name:</b> A022	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5024
<b>API Well Number:</b> 427114057700	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 328
<b>Public Info Code:</b> Y 06-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4359 / 4108	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 379	Date of Summary: 01-APR-1989	First Sample Examined: 1390
Lease Number: G08574	Source of Paleo: OPERATOR	Borehole MD: 10972
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10082
API Well Number: 427114062700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1390 - 10840	Water Depth: 335
Public Info Code: Y 30-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1390 / 1390	DEF AT first sample examined	DEF AT 2
1810 / 1810	DEF AT faunal change (no faunal increase)	DEF AT 3
1990 / 1990	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT 4
2470 / 2470	DEF AT faunal change (no faunal increase)	DEF AT 3
3190 / 3190	DEF AT faunal change (no faunal increase)	DEF AT 4
3850 / 3850	DEF AT faunal change (no faunal increase)	DEF AT 3
3910 / 3910	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
4330 / 4328	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4390 / 4388	DEF AT faunal change (no faunal increase)	DEF AT 4
4810 / 4797	DEF AT faunal change (no faunal increase)	DEF AT 3
5650 / 5547	DEF AT faunal change (no faunal increase)	DEF AT 4
5950 / 5790	DEF AT faunal change (no faunal increase)	DEF AT 2
6730 / 6417	DEF AT faunal change (no faunal increase)	DEF AT 3
7120 / 6737	DEF AT faunal change (no faunal increase)	DEF AT 2
7530 / 7078	DEF AT faunal change (no faunal increase)	DEF AT 4
7880 / 7369	DEF AT faunal change (no faunal increase)	DEF AT 2
8470 / 7861	DEF AT faunal change (no faunal increase)	DEF AT 4
9640 / 8852	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
9730 / 8930	DEF AT faunal change (no faunal increase)	DEF AT 5
9760 / 8956	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
9820 / 9009	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
9880 / 9062	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 379	Date of Summary: 01-APR-1989	First Sample Examined: 1390
Lease Number: G08574	Source of Paleo: OPERATOR	Borehole MD: 10972
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10082
API Well Number: 427114062700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1390 - 10840	Water Depth: 335
Public Info Code: Y 30-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9994 / 9164	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 5
10060 / 9224	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
10120 / 9279	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
10240 / 9390	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
10270 / 9417	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10300 / 9445	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 5
10330 / 9474	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
10840 / 9957	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 379	<b>Date of Summary:</b> 04-JAN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08574	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6536
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6091
<b>API Well Number:</b> 427114067400	<b>Drilling Operator:</b> ADOBE OIL & GAS CORPORATION	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 321
<b>Public Info Code:</b> Y 30-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3321 / 3321	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3720 / 3709	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 380	Date of Summary: 28-AUG-1990	First Sample Examined: 1420
Lease Number: G07369	Source of Paleo: OPERATOR	Borehole MD: 5550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5550
API Well Number: 427114064500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1420 - 5560	Water Depth: 300
Public Info Code: Y 14-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1420 /	DEF AT first sample examined	DEF AT 3
1450 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4150 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
5560 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 386	Date of Summary: 05-NOV-1990	First Sample Examined: 3520
Lease Number: G09159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14167
API Well Number: 427114068100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3520 - 14170	Water Depth: 374
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3520 / 3520	DEF AT first sample examined	DEF AT 3
3521 / 3521	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4600 / 4600	DEF AT faunal change (no faunal increase)	DEF AT 4
5020 / 5020	DEF AT faunal change (no faunal increase)	DEF AT 3
6910 / 6910	DEF AT faunal change (no faunal increase)	DEF AT 5
9760 / 9759	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11770 /11767	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13840 /13829	DEF AT faunal change (no faunal increase)	DEF AT 6
13900 /13888	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
14020 /14008	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14170 /14157	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 389	Date of Summary: 24-OCT-1983	First Sample Examined: 0
Lease Number: G02759	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10195
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8388
API Well Number: 427114054900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 01-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 / 3608	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8542 / 7172	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 389	Date of Summary: 10-OCT-1983	First Sample Examined: 0
Lease Number: G02759	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10121
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7852
API Well Number: 427114056300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 22-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
2010 / 2004	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
3780 / 3570	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5698 / 4848	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8740 / 6959	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9600 / 7521	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 389	Date of Summary: 23-SEP-1983	First Sample Examined: 0
Lease Number: G02759	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14150
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 12091
API Well Number: 427114057000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 19-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3994 / 3709	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5793 / 5164	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
13917 / 11881	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 393	Date of Summary: 13-OCT-1986	First Sample Examined: 0
Lease Number: G07370	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427114060500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 411
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4940 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 395	Date of Summary: 17-MAY-2001	First Sample Examined: 4590
Lease Number: G07371	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427114061600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 4590 - 12000	Water Depth: 432
Public Info Code: Y 27-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 /	DEF AT first sample examined	DEF AT 3
4591 /	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT 3
4592 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4710 /	DEF AT sample gap top	POS AT 3
5160 /	DEF AT sample gap bottom	DEF AT 3
5610 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
5910 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
6030 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6150 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6240 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
6300 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6450 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6690 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6780 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7050 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7140 /	DEF AT faunal change (no faunal increase)	DEF AT 0
7200 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 0
7260 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7530 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8550 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9120 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9240 /	DEF AT faunal change (no faunal increase)	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 395	<b>Date of Summary:</b> 17-MAY-2001	<b>First Sample Examined:</b> 4590
<b>Lease Number:</b> G07371	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12000
<b>API Well Number:</b> 427114061600	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 67
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4590 - 12000	<b>Water Depth:</b> 432
<b>Public Info Code:</b> Y 27-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9690 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9870 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10200 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10260 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10440 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
10710 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11370 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11460 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11550 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11850 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12000 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 401	<b>Date of Summary:</b> 27-JAN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06264	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13467
<b>API Well Number:</b> 427114061300	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 423
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2760 / 2760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6225 / 6225	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9520 / 9517	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 401	<b>Date of Summary:</b> 19-JAN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06264	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14100
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12546
<b>API Well Number:</b> 427114061301	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 423
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12779 /11605	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 402	Date of Summary: 13-FEB-1985	First Sample Examined: 0
Lease Number: G06265	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14060
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14060
API Well Number: 427114059200	Drilling Operator: TEXACO INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 508
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13320 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 402	Date of Summary: 02-MAR-1990	First Sample Examined: 1375
Lease Number: G11408	Source of Paleo: OPERATOR	Borehole MD: 7710
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7710
API Well Number: 427114065500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 1375 - 7710	Water Depth: 475
Public Info Code: Y 03-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1375 /	DEF AT first sample examined	DEF IN 3
2570 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3080 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3440 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4370 /	DEF AT local marker (general)	DEF AT 5
7710 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 402	<b>Date of Summary:</b> 09-MAR-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11408	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7710
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7710
<b>API Well Number:</b> 427114065500	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 65
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 475
<b>Public Info Code:</b> Y 03-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3080 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 402	Date of Summary: 20-APR-1989	First Sample Examined: 1400
Lease Number: G11408	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7196
API Well Number: 427114066200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1400 - 7200	Water Depth: 434
Public Info Code: Y 03-JAN-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 /	DEF AT first sample examined	DEF AT 0
2480 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
2810 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
3890 /	DEF AT local marker floral increase	DEF AT 0
6140 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7200 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 402	<b>Date of Summary:</b> 20-APR-1990	<b>First Sample Examined:</b> 1400
<b>Lease Number:</b> G11408	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7200
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7196
<b>API Well Number:</b> 427114066200	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1400 - 7200	<b>Water Depth:</b> 434
<b>Public Info Code:</b> Y 03-JAN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 /	DEF AT first sample examined	DEF AT
1401 /	DEF IN cement	DEF AT
1430 /	DEF AT faunal change (no faunal increase)	DEF IN 3
1490 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2090 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2780 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3080 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4100 /	DEF AT local marker (general)	DEF AT 5
6110 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7200 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 402	<b>Date of Summary:</b> 23-MAY-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11408	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8000
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 427114066400	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 425
<b>Public Info Code:</b> Y 03-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7410 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 411	Date of Summary: 03-JUL-1986	First Sample Examined: 4460
Lease Number: G06217	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9497
API Well Number: 427094085000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4460 - 9890	Water Depth: 138
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4460 / 4421	DEF AT first sample examined	DEF IN 2
4670 / 4618	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5180 / 5095	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5900 / 5767	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
7430 / 7188	DEF AT -----	DEF AT 4
7970 / 7686	DEF AT -----	DEF AT 5
8120 / 7825	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8150 / 7853	DEF AT -----	DEF AT 6
8480 / 8161	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
8690 / 8358	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
9170 / 8808	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 6
9890 / 9484	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 412	<b>Date of Summary:</b> 26-JUL-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06218	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7882
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7881
<b>API Well Number:</b> 427094080200	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 138
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5750 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 414	Date of Summary:	First Sample Examined: 0
Lease Number: G02685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7560
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7560
API Well Number: 427094013700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2530 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3820 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4780 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7250 /	DEF AT -----	DEF AT 4
7550 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 414	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02685	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7468
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7467
<b>API Well Number:</b> 427094033700	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 156
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6000 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 414	<b>Date of Summary:</b> 09-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02685	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7620
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7620
<b>API Well Number:</b> 427094039000	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3970 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5960 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 414	<b>Date of Summary:</b> 19-SEP-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02685	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7620
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7620
<b>API Well Number:</b> 427094039000	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3975 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 414	<b>Date of Summary:</b> 09-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02685	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9050
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7698
<b>API Well Number:</b> 427094039500	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3054	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4550 / 4004	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7350 / 6269	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 414	Date of Summary: 18-JUL-1980	First Sample Examined: 2000
Lease Number: G02685	Source of Paleo: OPERATOR	Borehole MD: 8634
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7227
API Well Number: 427094040900	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 2000 - 8630	Water Depth: 140
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1940	DEF AT first sample examined	DEF IN 2
3680 / 3237	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4460 / 3872	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5600 / 4793	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8630 / 7248	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 414	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8634
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7227
API Well Number: 427094040900	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3680 / 3237	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4460 / 3872	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5600 / 4793	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 414	<b>Date of Summary:</b> 22-AUG-1980	<b>First Sample Examined:</b> 2000
<b>Lease Number:</b> G02685	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8915
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7633
<b>API Well Number:</b> 427094054400	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2000 - 8915	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1956	DEF AT first sample examined	DEF IN 2
3380 / 3123	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4370 / 3923	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5840 / 5099	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6500 / 5624	POS AT -----	POS AT 4
8915 / 7632	DEF AT first sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 414	Date of Summary: 31-MAR-1981	First Sample Examined: 0
Lease Number: G02685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8915
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7633
API Well Number: 427094054400	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 / 3123	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4370 / 3923	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5840 / 5099	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 414	Date of Summary: 26-FEB-1981	First Sample Examined: 0
Lease Number: G02685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4045
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 3954
API Well Number: 427094058400	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3058	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 416	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3130
<b>Lease Number:</b> G03946	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8010
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8010
<b>API Well Number:</b> 427094045700	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3130 - 7950	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 28-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3460	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4720 / 4720	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
5290 / 5290	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7620 / 7620	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 416	Date of Summary: 03-FEB-1983	First Sample Examined: 0
Lease Number: G03946	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8172
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7539
API Well Number: 427094061401	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 28-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4445 / 4141	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6565 / 6078	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 417	Date of Summary: 03-AUG-1992	First Sample Examined: 0
Lease Number: G09115	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8808
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6107
API Well Number: 427094095300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 161
Public Info Code: Y 30-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7581 / 5457	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 419	Date of Summary: 02-JUN-1988	First Sample Examined: 0
Lease Number: G09116	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8810
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7850
API Well Number: 427094089200	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7192 / 6257	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 437	Date of Summary: 14-MAY-1985	First Sample Examined: 0
Lease Number: G04578	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9729
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6610
API Well Number: 427094080800	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4393 / 3585	POS AT Middle Pleistocene	DEF AT 0
6973 / 5006	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9584 / 6528	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 437	<b>Date of Summary:</b> 08-APR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04578	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6200
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6036
<b>API Well Number:</b> 427094085600	<b>Drilling Operator:</b> FMP OPERATING COMPANY A LIMIT	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 156
<b>Public Info Code:</b> Y 20-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5793 / 5658	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 437	Date of Summary: 13-MAY-1986	First Sample Examined: 2540
Lease Number: G04578	Source of Paleo: OPERATOR	Borehole MD: 6200
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6036
API Well Number: 427094085600	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 2540 - 6160	Water Depth: 156
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2540 / 2540	DEF AT cement	DEF AT 0
2600 / 2600	DEF AT -----	DEF AT 2
2810 / 2810	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3020 / 3020	DEF AT -----	DEF AT 1
3800 / 3793	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3920 / 3911	DEF AT -----	DEF AT 1
5050 / 4971	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 437	<b>Date of Summary:</b> 24-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04578	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10038
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8555
<b>API Well Number:</b> 427094070000	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 158
<b>Public Info Code:</b> Y 20-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5023	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7010 / 6752	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 437	Date of Summary: 15-AUG-1988	First Sample Examined: 0
Lease Number: G04578	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6200
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5862
API Well Number: 427094088500	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 152
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5653	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6040 / 5717	DEF AT local marker benthic foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 443 <b>Lease Number:</b> G03241 <b>Well Name:</b> A001 <b>API Well Number:</b> 427094031300 <b>Paleo Report Num:</b> 1 of 3 <b>Public Info Code:</b> Y 01-SEP-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9644 <b>Borehole TVD:</b> 9188 <b>Rkb Elevation:</b> 85 <b>Water Depth:</b> 183 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 443	<b>Date of Summary:</b> 12-NOV-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03241	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9644
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9188
<b>API Well Number:</b> 427094031300	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 01-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4733	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 443	<b>Date of Summary:</b> 06-MAR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03241	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9644
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9188
<b>API Well Number:</b> 427094031300	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 01-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4733	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 443	<b>Date of Summary:</b> 03-MAR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03241	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9247
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8915
<b>API Well Number:</b> 427094048700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 29-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8915 / 8595	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 443	Date of Summary: 26-OCT-1989	First Sample Examined: 0
Lease Number: G03241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9416
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 8751
API Well Number: 427094051601	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 22-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9018 / 8372	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 443	Date of Summary: 12-NOV-1980	First Sample Examined: 0
Lease Number: G03241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9193
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8885
API Well Number: 427094053500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 31-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5250 / 5050	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8091
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7300
<b>API Well Number:</b> 427094036200	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 160
<b>Public Info Code:</b> Y 13-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2770 / 2683	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7080 / 6397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b> 30-AUG-1978	<b>First Sample Examined:</b> 950
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8091
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7300
<b>API Well Number:</b> 427094036200	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 950 - 8095	<b>Water Depth:</b> 160
<b>Public Info Code:</b> Y 13-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
950 / 950	DEF AT first sample examined	DEF AT 2
2040 / 2017	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2130 / 2103	DEF AT - - - - -	DEF AT 2
2770 / 2683	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4150 / 3873	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4360 / 4050	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4690 / 4327	DEF AT - - - - -	DEF AT 3
7080 / 6397	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8095 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10200
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8164
<b>API Well Number:</b> 427094038302	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 162
<b>Public Info Code:</b> Y 27-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 / 3263	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4590 / 4453	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7531 / 6601	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 12-JAN-1979	First Sample Examined: 2730
Lease Number: G02359	Source of Paleo: OPERATOR	Borehole MD: 10200
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8164
API Well Number: 427094038302	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2730 - 10200	Water Depth: 162
Public Info Code: Y 27-JAN-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2730 / 2730	DEF AT first sample examined	DEF AT 2
3270 / 3263	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4590 / 4453	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5640 / 5229	DEF AT -----	DEF AT 3
6300 / 5685	DEF AT sample gap top	DEF AT 0
6509 / 5839	DEF AT sample gap bottom	DEF AT 0
6510 / 5840	DEF AT -----	DEF AT 3
7531 / 6601	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10200 / 8164	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary:	First Sample Examined: 0
Lease Number: G02359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9490
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8942
API Well Number: 427094038300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 26-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3233 / 3229	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4540 / 4479	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7300 / 7000	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 12-JAN-1979	First Sample Examined: 2731
Lease Number: G02359	Source of Paleo: OPERATOR	Borehole MD: 9490
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8942
API Well Number: 427094038300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2731 - 9498	Water Depth: 168
Public Info Code: Y 26-DEC-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2731 / 2731	DEF AT first sample examined	DEF AT 2
3233 / 3229	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4540 / 4479	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5200 / 5076	DEF AT - - - - -	DEF AT 3
7300 / 7000	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9289 / 8763	DEF AT - - - - -	DEF AT 5
9413 / 8866	DEF AT local marker deep water fauna	DEF AT 5
9498 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7927
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7927
<b>API Well Number:</b> 427094038301	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 162
<b>Public Info Code:</b> Y 07-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4350 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 12-JAN-1979	First Sample Examined: 2900
Lease Number: G02359	Source of Paleo: OPERATOR	Borehole MD: 7927
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7927
API Well Number: 427094038301	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2900 - 7880	Water Depth: 162
Public Info Code: Y 07-JAN-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 /	DEF AT first sample examined	DEF AT 2
3270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4350 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5190 /	DEF AT -----	DEF AT 3
6500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7880 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 446 <b>Lease Number:</b> G02359 <b>Well Name:</b> 006 <b>API Well Number:</b> 427094044000 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 20-JUN-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7854 <b>Borehole TVD:</b> 7853 <b>Rkb Elevation:</b> 68 <b>Water Depth:</b> 160 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6312 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 25-MAY-1979	First Sample Examined: 2000
Lease Number: G02359	Source of Paleo: OPERATOR	Borehole MD: 7854
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7853
API Well Number: 427094044000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 2000 - 7801	Water Depth: 160
Public Info Code: Y 20-JUN-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2240 /	DEF AT sample gap top	DEF AT 0
2569 /	DEF AT sample gap bottom	DEF AT 0
2570 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2640 /	DEF AT -----	DEF AT 2
2910 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4330 /	DEF AT -----	DEF AT 3
6312 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7706 /	DEF AT local marker deep water fauna	DEF AT 5
7769 /	DEF IN local marker deep water fauna	DEF AT 6
7801 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b> 30-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9551
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7578
<b>API Well Number:</b> 427094055400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 28-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7902 / 6516	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8546 / 6939	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 30-SEP-1981	First Sample Examined: 0
Lease Number: G02359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9997
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7481
API Well Number: 427094055700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 16-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7996 / 5921	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8431 / 6252	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8995 / 6687	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b> 30-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7942
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7822
<b>API Well Number:</b> 427094056300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 28-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5274 / 5213	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7461 / 7352	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7566 / 7454	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G02359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8040
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 7611
API Well Number: 427094060200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 31-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6817 / 6439	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7845 / 7425	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b> 09-MAR-1981	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9930
<b>Well Name:</b> A012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7841
<b>API Well Number:</b> 427094059400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8000 - 9900	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 25-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 6438	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9450 / 7482	DEF AT - - - - -	DEF AT 5
9780 / 7727	DEF AT local marker foram increase	DEF AT 5
9781 / 7728	POS AT local marker deep water fauna	DEF AT 5
9900 / 7818	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 09-JUL-1986	First Sample Examined: 0
Lease Number: G02359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9930
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 7841
API Well Number: 427094059400	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 25-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7844 / 6315	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8595 / 6883	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 05-MAR-1981	First Sample Examined: 7000
Lease Number: G02359	Source of Paleo: OPERATOR	Borehole MD: 9806
Well Name: A013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7556
API Well Number: 427094059800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 7000 - 9780	Water Depth: 164
Public Info Code: Y 29-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 5583	DEF AT first sample examined	DEF AT 4
7810 / 6192	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7930 / 6275	DEF AT sample gap top	DEF AT 0
9094 / 7040	DEF AT sample gap bottom	DEF AT 0
9095 / 7041	DEF AT -----	DEF AT 3
9620 / 7414	DEF AT -----	DEF AT 5
9710 / 7481	DEF AT local marker foram increase	DEF AT 5
9711 / 7482	POS AT local marker deep water fauna	DEF AT 5
9780 / 7534	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 30-SEP-1981	First Sample Examined: 0
Lease Number: G02359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9806
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 7556
API Well Number: 427094059800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 29-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7902 / 6256	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8546 / 6680	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7870
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7550
<b>API Well Number:</b> 427094060900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 12-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Well identification is questionable

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6725	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 09-MAR-1981	First Sample Examined: 7000
Lease Number: G02359	Source of Paleo: OPERATOR	Borehole MD: 8744
Well Name: A015	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8454
API Well Number: 427094061300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 7000 - 8670	Water Depth: 164
Public Info Code: Y 17-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6763	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8250 / 7969	DEF AT local marker foram increase	DEF AT 5
8251 / 7970	DEF AT local marker deep water fauna	DEF AT 5
8670 / 8381	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 446	<b>Date of Summary:</b> 28-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02359	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8744
<b>Well Name:</b> A015	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8454
<b>API Well Number:</b> 427094061300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 164
<b>Public Info Code:</b> Y 17-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6763	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 446	Date of Summary: 30-SEP-1981	First Sample Examined: 0
Lease Number: G02359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8504
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 7049
API Well Number: 427094062300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 12-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7584 / 6434	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8293 / 6916	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 03-AUG-1978	First Sample Examined: 1000
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 7593
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7593
API Well Number: 427094033400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7590	Water Depth: 163
Public Info Code: Y 14-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT cement	DEF AT 2
2110 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2200 /	DEF AT -----	DEF AT 2
2870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3930 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4281 /	DEF AT -----	DEF AT 3
5601 /	DEF AT cement	DEF AT 0
5881 /	DEF AT -----	DEF AT 3
6166 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6210 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7440 /	DEF AT local marker deep water fauna	DEF AT 5
7590 /	DEF IN local marker deep water fauna	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 447 <b>Lease Number:</b> G02360 <b>Well Name:</b> 002 <b>API Well Number:</b> 427094035900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 21-SEP-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7696 <b>Borehole TVD:</b> 7696 <b>Rkb Elevation:</b> 77 <b>Water Depth:</b> 163 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2991 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4023 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5920 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 447	<b>Date of Summary:</b> 20-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6324
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6324
<b>API Well Number:</b> 427094070400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 08-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3903 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 447	<b>Date of Summary:</b> 10-MAY-1982	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> G02360	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6324
<b>Well Name:</b> 003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6324
<b>API Well Number:</b> 427094070400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3000 - 6324	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 08-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT poor sample interval top	DEF AT 0
5409 /	DEF AT poor sample interval bottom	DEF AT 0
5410 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5755 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6000 /	DEF AT poor sample interval top	DEF AT 4
6323 /	DEF AT poor sample interval bottom	DEF AT 4
6324 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary:	First Sample Examined: 0
Lease Number: G02360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7375
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 7375
API Well Number: 427094038700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 25-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2720 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3775 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 12-JAN-1979	First Sample Examined: 980
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 7375
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7375
API Well Number: 427094038700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 980 - 7364	Water Depth: 163
Public Info Code: Y 25-JAN-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
980 /	DEF AT first sample examined	DEF AT 2
2060 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2210 /	DEF AT - - - - -	DEF AT 2
2720 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3775 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4218 /	DEF AT - - - - -	DEF AT 3
5910 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7300 /	DEF AT local marker deep water fauna	DEF AT 5
7364 /	DEF IN local marker deep water fauna	DEF AT 5

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 GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 447	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8970
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7023
<b>API Well Number:</b> 427094046900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 27-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 2968	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4710 / 4059	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7470 / 6000	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8020 / 6388	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 13-SEP-1979	First Sample Examined: 2700
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 8970
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7023
API Well Number: 427094046900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 2700 - 8960	Water Depth: 163
Public Info Code: Y 27-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2700 / 2615	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3030 / 2895	DEF AT sample gap top	DEF AT 0
3119 / 2968	DEF AT sample gap bottom	DEF AT 0
3120 / 2968	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3390 / 3181	DEF AT -----	DEF AT 2
4710 / 4059	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5080 / 4301	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5500 / 4580	DEF AT -----	DEF AT 3
7470 / 6000	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7910 / 6310	DEF AT -----	DEF AT 4
8960 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 447 <b>Lease Number:</b> G02360 <b>Well Name:</b> A003 <b>API Well Number:</b> 427094047200 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 31-DEC-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9357 <b>Borehole TVD:</b> 7737 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 169 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 4683	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7200 / 5983	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 31-JAN-1980	First Sample Examined: 2970
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 9357
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7737
API Well Number: 427094047200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 2970 - 9360	Water Depth: 169
Public Info Code: Y 31-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2970 / 2719	DEF AT first sample examined	DEF AT 2
3750 / 3286	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3840 / 3355	DEF AT -----	DEF AT 2
5640 / 4753	DEF AT -----	DEF AT 3
5670 / 4776	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5970 / 5008	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7980 / 6612	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8430 / 6974	DEF AT sample gap top	DEF AT 0
8939 / 7388	DEF AT sample gap bottom	DEF AT 0
8940 / 7389	DEF AT -----	DEF AT 4
9060 / 7488	DEF AT -----	DEF AT 5
9325 / 7710	DEF AT local marker deep water fauna	DEF AT 5
9360 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 29-FEB-1980	First Sample Examined: 3600
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 9608
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6616
API Well Number: 427094046901	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3600 - 9380	Water Depth: 163
Public Info Code: Y 20-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 / 3335	DEF AT first sample examined	DEF AT 2
3601 / 3336	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4964 / 4090	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
5354 / 4305	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
5534 / 4408	DEF AT faunal change (no faunal increase)	DEF AT 3
8750 / 6076	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9380 / 6470	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 29-FEB-1980	First Sample Examined: 3030
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 8525
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5690
API Well Number: 427094052900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 3030 - 8770	Water Depth: 163
Public Info Code: Y 18-MAR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 / 2902	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4440 / 3783	DEF AT -----	DEF AT 4
4530 / 3822	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5310 / 4193	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
5550 / 4314	DEF AT -----	DEF AT 3
8030 / 5522	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8770 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 11-JUN-1980	First Sample Examined: 0
Lease Number: G02360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8525
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5690
API Well Number: 427094052900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 18-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 3822	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8030 / 5522	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 23-JUL-1981	First Sample Examined: 2750
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 7490
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7184
API Well Number: 427094064400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 2750 - 7420	Water Depth: 163
Public Info Code: Y 07-AUG-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2750 / 2750	DEF AT first sample examined	DEF AT 3
2751 / 2751	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3860 / 3834	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4220 / 4175	DEF AT faunal change (no faunal increase)	DEF AT 3
5810 / 5655	DEF AT faunal change (no faunal increase)	DEF AT 4
5840 / 5682	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6170 / 5985	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6710 / 6479	DEF AT sample gap top	POS AT 4
7200 / 6923	DEF AT sample gap bottom	DEF AT 4
7370 / 7076	DEF AT local marker deep water fauna	DEF AT 5
7420 / 7121	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 23-OCT-1981	First Sample Examined: 4000
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 7630
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6462
API Well Number: 427094065600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7610	Water Depth: 163
Public Info Code: Y 18-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 3458	DEF AT first sample examined	DEF AT 2
4600 / 3926	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4900 / 4163	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
5320 / 4504	DEF AT -----	DEF AT 2
6900 / 5829	DEF AT sample gap top	DEF AT 0
7029 / 5940	DEF AT sample gap bottom	DEF AT 0
7030 / 5941	DEF AT -----	DEF AT 3
7420 / 6279	DEF AT -----	DEF AT 4
7450 / 6306	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7510 / 6358	DEF AT -----	DEF AT 3
7610 / 6445	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 08-OCT-1981	First Sample Examined: 4000
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 8274
Well Name: B004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7287
API Well Number: 427094065700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8274	Water Depth: 163
Public Info Code: Y 01-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 3597	DEF AT first sample examined	DEF AT 3
4120 / 3695	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
4300 / 3843	DEF AT faunal change (no faunal increase)	DEF AT 3
6630 / 5826	DEF AT sample gap top	DEF AT 0
8129 / 7157	DEF AT sample gap bottom	DEF AT 0
8130 / 7158	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8270 / 7283	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 29-OCT-1981	First Sample Examined: 4000
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 7700
Well Name: B005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7346
API Well Number: 427094066400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7690	Water Depth: 163
Public Info Code: Y 16-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 3966	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4150 / 4104	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
4210 / 4159	DEF AT -----	DEF AT 3
6190 / 5952	DEF AT local marker foram increase	DEF AT 4
6310 / 6061	DEF AT -----	DEF AT 3
6490 / 6226	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6610 / 6336	DEF AT -----	DEF AT 3
7690 / 7337	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 07-JUN-1982	First Sample Examined: 0
Lease Number: G02360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7198
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 6536
API Well Number: 427094066701	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 16-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 5839	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7005 / 6343	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 09-DEC-1981	First Sample Examined: 5000
Lease Number: G02360	Source of Paleo: OPERATOR	Borehole MD: 7900
Well Name: B008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7434
API Well Number: 427094067100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 5000 - 7680	Water Depth: 163
Public Info Code: Y 18-NOV-1991	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5000 / 4882	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5300 / 5149	DEF AT -----	DEF AT 4
5630 / 5443	DEF AT -----	DEF AT 3
5960 / 5738	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6230 / 5980	DEF AT -----	DEF AT 3
7680 / 7250	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 447	<b>Date of Summary:</b> 19-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7900
<b>Well Name:</b> B008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7434
<b>API Well Number:</b> 427094067100	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 18-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7054 / 6713	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7687 / 7256	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 447	<b>Date of Summary:</b> 15-SEP-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8111
<b>Well Name:</b> B010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7331
<b>API Well Number:</b> 427094068600	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 19-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6937 / 6274	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

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Area Block: HI A 447	Date of Summary: 19-MAR-1982	First Sample Examined: 0
Lease Number: G02360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9300
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 7263
API Well Number: 427094068900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 14-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5603 / 4535	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8278 / 6539	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G02360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8742
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 7611
API Well Number: 427094069200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 10-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7110 / 6332	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8352 / 7305	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 447	<b>Date of Summary:</b> 15-SEP-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7354
<b>Well Name:</b> B014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6273
<b>API Well Number:</b> 427094069801	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 08-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6894 / 5833	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 21-DEC-1979	First Sample Examined: 2680
Lease Number: G02361	Source of Paleo: OPERATOR	Borehole MD: 10872
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8413
API Well Number: 427094046000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 2680 - 10850	Water Depth: 163
Public Info Code: Y 15-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2680 / 2609	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3190 / 3042	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3310 / 3140	DEF AT -----	DEF AT 2
4890 / 4278	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5270 / 4540	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5800 / 4919	DEF AT -----	DEF AT 3
8070 / 6420	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9940 / 7712	DEF AT -----	DEF AT 5
10530 / 8163	DEF AT local marker deep water fauna	DEF AT 6
10850 / 8397	DEF IN local marker deep water fauna	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02361	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10872
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8413
API Well Number: 427094046000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 15-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3190 / 3042	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4890 / 4278	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7870 / 6295	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 03-MAR-1980	First Sample Examined: 1370
Lease Number: G02361	Source of Paleo: OPERATOR	Borehole MD: 8680
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7241
API Well Number: 427094049100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 1370 - 8650	Water Depth: 163
Public Info Code: Y 08-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1370 / 1368	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1430 / 1427	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1820 / 1808	DEF AT -----	DEF AT 2
3530 / 3186	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3710 / 3317	DEF AT -----	DEF AT 2
5260 / 4404	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5710 / 4758	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5800 / 4829	DEF AT -----	DEF AT 3
7390 / 6109	DEF AT sample gap top	DEF AT 0
8199 / 6809	DEF AT sample gap bottom	DEF AT 0
8200 / 6810	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8650 / 7214	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary: 27-MAR-1981	First Sample Examined: 0
Lease Number: G02361	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8680
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7241
API Well Number: 427094049100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 08-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3340 / 3047	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5220 / 4373	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7830 / 6484	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 447	Date of Summary:	First Sample Examined: 0
Lease Number: G02361	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8494
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6095
API Well Number: 427094050400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 4300 - 0	Water Depth: 163
Public Info Code: Y 13-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3408	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6470 / 4671	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 448 <b>Lease Number:</b> G02361 <b>Well Name:</b> 002 <b>API Well Number:</b> 427094031200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-MAR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6313 <b>Borehole TVD:</b> 6313 <b>Rkb Elevation:</b> 83 <b>Water Depth:</b> 163 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4680 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6090 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 448 <b>Lease Number:</b> G02361 <b>Well Name:</b> 003 <b>API Well Number:</b> 427094031201 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 09-APR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6750 <b>Borehole TVD:</b> 6424 <b>Rkb Elevation:</b> 83 <b>Water Depth:</b> 165 <b>Paleo ID:</b> 001</p>
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**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4734	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6650 / 6335	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 460	Date of Summary: 03-FEB-1986	First Sample Examined: 2000
Lease Number: G07336	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9100
API Well Number: 427094082700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9080	Water Depth: 157
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	POS IN 1
2001 /	DEF AT drilling material	POS IN 1
2060 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
2150 /	DEF AT drilling material	POS IN 1
2390 /	DEF AT faunal change (no faunal increase)	DEF IN 1
2750 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 1
3350 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3470 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5240 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5660 /	DEF AT drilling material	POS AT 3
5780 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6050 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6530 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7010 /	DEF AT faunal change (no faunal increase)	DEF IN 4
7700 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7760 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8030 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8210 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8480 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
9080 /	DEF AT last sample examined	DEF IN 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 462	<b>Date of Summary:</b> 01-JAN-1978	<b>First Sample Examined:</b> 1280
<b>Lease Number:</b> G03478	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8766
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8766
<b>API Well Number:</b> 427094029300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 79
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1280 - 8630	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 17-JAN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1280 /	DEF AT first sample examined	DEF AT
1340 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2480 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2540 /	DEF AT pyrite	DEF AT 2
2541 /	DEF AT limestone	DEF AT 2
2719 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2720 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2780 /	DEF AT local marker foram decrease	DEF AT 1
3679 /	DEF AT pyrite	DEF AT 1
3680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4220 /	DEF AT local marker benthic foram increase	DEF AT 1
4400 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4880 /	DEF AT poor sample interval top	DEF AT 1
5450 /	DEF AT poor sample interval bottom	DEF AT 1
5479 /	DEF AT unconformity	DEF AT 3
5480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5570 /	DEF AT poor sample interval top	DEF AT 3
5840 /	DEF AT local marker foram decrease	DEF AT 3
5960 /	DEF AT poor sample interval bottom	DEF AT 3
6050 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6110 /	DEF AT limestone	DEF AT 2
6230 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 462	Date of Summary: 01-JAN-1978	First Sample Examined: 1280
Lease Number: G03478	Source of Paleo: OPERATOR	Borehole MD: 8766
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8766
API Well Number: 427094029300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1280 - 8630	Water Depth: 166
Public Info Code: Y 17-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6320 /	DEF AT sample gap top	DEF AT 2
6590 /	DEF AT sample gap bottom	DEF AT 2
6620 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
6860 /	DEF AT poor sample interval top	DEF AT 3
7669 /	DEF AT poor sample interval bottom	DEF AT 3
7670 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
7820 /	DEF AT gray shale	DEF AT 4
8090 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8390 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
8600 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 462	Date of Summary: 01-MAR-1978	First Sample Examined: 3300
Lease Number: G03478	Source of Paleo: OPERATOR	Borehole MD: 8032
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8032
API Well Number: 427094030700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 3300 - 8040	Water Depth: 166
Public Info Code: Y 13-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3300 /	DEF AT first sample examined	DEF AT 1
3420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3990 /	DEF AT shell fragments	DEF AT 1
4170 /	DEF AT local marker (general)	DEF AT 1
5490 /	DEF AT unconformity	DEF AT 3
5550 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5640 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5850 /	DEF AT poor sample interval top	POS AT 3
5880 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6089 /	DEF AT poor sample interval bottom	POS AT 2
6090 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6450 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6570 /	DEF AT reworked material	DEF AT 3
7740 /	POS AT local marker (general)	DEF AT 3
7860 /	DEF AT gray shale	DEF AT 4
8010 /	DEF IN gray shale	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 462	<b>Date of Summary:</b> 26-APR-1978	<b>First Sample Examined:</b> 3180
<b>Lease Number:</b> G03478	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7421
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7421
<b>API Well Number:</b> 427094032000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3180 - 7400	<b>Water Depth:</b> 163
<b>Public Info Code:</b> Y 19-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 /	DEF IN shell fragments	DEF AT 1
3360 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3480 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4190 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4970 /	DEF AT unconformity	DEF AT 3
5060 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5210 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5660 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5840 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6080 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6110 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7340 /	POS AT local marker (general)	DEF AT 3
7370 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 462	Date of Summary: 26-APR-1978	First Sample Examined: 5880
Lease Number: G03478	Source of Paleo: OPERATOR	Borehole MD: 7421
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7421
API Well Number: 427094032000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 5880 - 7270	Water Depth: 163
Public Info Code: Y 19-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5880 /	DEF AT first sample examined	DEF AT 2
5881 /	DEF AT cement	DEF AT 2
6130 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7239 /	DEF AT cement	DEF AT 3
7240 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 462	<b>Date of Summary:</b> 30-MAY-1978	<b>First Sample Examined:</b> 3570
<b>Lease Number:</b> G03478	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7855
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7855
<b>API Well Number:</b> 427094032300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3570 - 7860	<b>Water Depth:</b> 169
<b>Public Info Code:</b> Y 16-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3570 /	DEF AT first sample examined	DEF AT 1
3600 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3660 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3720 /	DEF AT pyrite	DEF AT 2
3810 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3930 /	DEF AT limestone	DEF AT 2
5070 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5130 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5700 /	DEF AT unconformity	DEF AT 3
5730 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5880 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5940 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6630 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6690 /	DEF AT faunal change (no faunal increase)	POS AT 2
6900 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	POS AT 2
7710 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7770 /	POS AT local marker (general)	DEF AT 3
7830 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 462 <b>Lease Number:</b> G03478 <b>Well Name:</b> A001 <b>API Well Number:</b> 427094072800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 14-AUG-1992	<b>Date of Summary:</b> 22-NOV-1999 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7650 <b>Borehole TVD:</b> 7650 <b>Rkb Elevation:</b> 94 <b>Water Depth:</b> 166 <b>Paleo ID:</b> 001
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**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4530 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
5490 /	DEF AT Arenaceous fauna (local marker)	DEF AT 0
6650 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7550 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 462	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G03478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7853
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7600
API Well Number: 427094077600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 16-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2387 / 2387	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2617 / 2617	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5557 / 5492	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7514 / 7287	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 462	<b>Date of Summary:</b> 22-NOV-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03478	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8000
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7791
<b>API Well Number:</b> 427094074700	<b>Drilling Operator:</b> CHARTER RESOURCES COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 12-FEB-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6685 / 6541	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7665 / 7468	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 463	<b>Date of Summary:</b> 27-FEB-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07337	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10250
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10250
<b>API Well Number:</b> 427094084900	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 162
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7000 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 466	Date of Summary: 01-NOV-1978	First Sample Examined: 352
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 8949
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8949
API Well Number: 427094037700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 352 - 8949	Water Depth: 170
Public Info Code: Y 30-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
352 /	DEF AT first sample examined	DEF AT 2
530 /	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
710 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1190 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2270 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2470 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
2650 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3590 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3650 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
4130 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
4340 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4790 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5030 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6110 /	DEF AT poor sample interval top	DEF AT 2
6829 /	DEF AT poor sample interval bottom	DEF AT 2
6830 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7070 /	DEF AT poor sample interval top	DEF AT 3
7280 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
8750 /	DEF AT Eggerella sp. (local marker)	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 466	<b>Date of Summary:</b> 01-NOV-1978	<b>First Sample Examined:</b> 352
<b>Lease Number:</b> G03242	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8949
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8949
<b>API Well Number:</b> 427094037700	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 352 - 8949	<b>Water Depth:</b> 170
<b>Public Info Code:</b> Y 30-NOV-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8810 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
8948 /	DEF AT poor sample interval bottom	DEF AT 5
8949 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 466 <b>Lease Number:</b> G03242 <b>Well Name:</b> 005 <b>API Well Number:</b> 427094045200 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 05-AUG-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 5500 <b>Borehole TVD:</b> 5500 <b>Rkb Elevation:</b> 83 <b>Water Depth:</b> 188 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4590 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 466	Date of Summary: 18-JUL-1979	First Sample Examined: 2300
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 5500
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5500
API Well Number: 427094045200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 2300 - 5490	Water Depth: 188
Public Info Code: Y 05-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 /	DEF AT cement	DEF AT 3
2480 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4590 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5040 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5490 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 466	<b>Date of Summary:</b> 01-JAN-1980	<b>First Sample Examined:</b> 3550
<b>Lease Number:</b> G03242	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6100
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6100
<b>API Well Number:</b> 427094052400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3550 - 6120	<b>Water Depth:</b> 179
<b>Public Info Code:</b> Y 28-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
3551 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4500 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
4501 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
4920 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
4921 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 466	Date of Summary: 08-JUL-1980	First Sample Examined: 5050
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 9553
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9553
API Well Number: 427094053800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 5050 - 8770	Water Depth: 175
Public Info Code: Y 02-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5110 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8770 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 466	Date of Summary: 01-MAR-1983	First Sample Examined: 3000
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 11669
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 9751
API Well Number: 427094075500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11669	Water Depth: 184
Public Info Code: Y 18-APR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 2934	DEF AT first sample examined	DEF AT 0
3001 / 2935	DEF AT cement	DEF AT 0
4140 / 3866	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5440 / 4901	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
5830 / 5207	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6430 / 5667	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
6610 / 5803	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6880 / 6008	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 0
8500 / 7246	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 0
9400 / 7955	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 0
11530 / 9640	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
11650 / 9736	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G02688	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11930
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10414
API Well Number: 427094041900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 28-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1290 / 1290	POS AT Pleistocene	DEF AT 0
4530 / 3899	POS IN Pleistocene	DEF AT 0
7130 / 5779	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
7310 / 5935	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
7670 / 6260	DEF AT cement	DEF AT 0
8340 / 6873	POS IN Pleistocene	DEF AT 0
9540 / 8033	POS AT Pliocene	DEF AT 0
9860 / 8349	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 0
10089 / 8576	DEF AT local marker planktic foram increase	DEF AT 0
11820 / 10304	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 467	<b>Date of Summary:</b> 01-SEP-1979	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G02688	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10771
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9777
<b>API Well Number:</b> 427094044400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3500 - 10764	<b>Water Depth:</b> 187
<b>Public Info Code:</b> Y 06-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3219	DEF AT first sample examined	DEF AT 0
3980 / 3604	DEF AT local marker floral increase	DEF AT 0
4940 / 4414	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5810 / 5035	POS AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT 0
6890 / 5955	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
6980 / 6038	DEF AT local marker floral increase	DEF AT 0
7310 / 6347	DEF AT Lower Pliocene (Zanclian) Discoaster surculus (acme)	DEF AT 0
8000 / 7018	POS AT local marker floral decrease	DEF AT 0
9800 / 8813	POS AT local marker floral increase	DEF AT 0
10764 / 9777	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 467	<b>Date of Summary:</b> 10-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02688	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10771
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9777
<b>API Well Number:</b> 427094044400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 187
<b>Public Info Code:</b> Y 06-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3219	POS IN Middle Pleistocene	DEF AT 0
7310 / 6347	POS IN Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 01-OCT-1979	First Sample Examined: 3460
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 11280
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10185
API Well Number: 427094047000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 3460 - 11200	Water Depth: 186
Public Info Code: Y 22-NOV-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3460 / 3080	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
4420 / 3781	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
4900 / 4136	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
6160 / 5166	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
6520 / 5510	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7720 / 6678	POS AT local marker floral increase	DEF AT 0
8530 / 7476	POS AT local marker floral increase	DEF AT 0
9340 / 8279	DEF AT local marker floral increase	DEF AT 0
10090 / 9027	POS AT local marker floral increase	DEF AT 0
11200 / 10135	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G02688	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11280
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10185
API Well Number: 427094047000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 22-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4420 / 3781	POS IN Middle Pleistocene	DEF AT 0
8050 / 7003	POS IN Lower Pleistocene	DEF AT 0
9370 / 8309	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9372 / 8311	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 01-DEC-1979	First Sample Examined: 3480
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 10362
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10296
API Well Number: 427094049500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3480 - 10363	Water Depth: 186
Public Info Code: Y 29-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; 4320=Coccolithus pelagicus

MD / TVD	Paleo Top Description	Ecozone
3480 / 3431	DEF AT first sample examined	DEF AT 0
3600 / 3547	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
4320 / 4257	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
5370 / 5306	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5760 / 5696	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
5850 / 5786	DEF AT fault	DEF AT 0
7320 / 7256	POS AT local marker floral increase	DEF AT 0
8310 / 8245	DEF AT local marker floral increase	DEF AT 0
9960 / 9894	DEF AT local marker floral increase	DEF AT 0
10140 / 10074	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
10230 / 10164	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
10363 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 01-JAN-1980	First Sample Examined: 3460
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 12863
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9866
API Well Number: 427094050900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3460 - 12863	Water Depth: 187
Public Info Code: Y 15-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3290	DEF AT first sample examined	DEF AT 0
4900 / 4305	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
6820 / 5599	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
7000 / 5725	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
8440 / 6786	POS AT local marker floral increase	DEF AT 0
8980 / 7200	POS AT local marker floral increase	DEF AT 0
12850 / 9858	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 467	<b>Date of Summary:</b> 28-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02688	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13365
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9374
<b>API Well Number:</b> 427094051700	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 186
<b>Public Info Code:</b> Y 10-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 / 3955	POS IN Pleistocene	DEF AT 0
9770 / 7642	POS IN Pleistocene	DEF AT 0
9990 / 7788	POS AT Pliocene	DEF AT 0
12870 / 9290	POS IN Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G02688	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12560
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10520
API Well Number: 427094054000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 5639	POS IN Middle Pleistocene	DEF AT 0
12460 / 10420	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 01-JUN-1980	First Sample Examined: 6080
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 8950
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8283
API Well Number: 427094054700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 6080 - 8450	Water Depth: 186
Public Info Code: Y 20-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Report=nannos; several blooms absent, those present not well developed

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6080 / 5737	DEF AT local marker floral increase	DEF AT 0
6350 / 5978	DEF AT local marker floral increase	DEF AT 0
6440 / 6059	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
6530 / 6139	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 26-AUG-1980	First Sample Examined: 4470
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 11940
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8075
API Well Number: 427094055900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 4470 - 11940	Water Depth: 186
Public Info Code: Y 12-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4100	DEF AT first sample examined	DEF AT 2
5010 / 4493	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5730 / 4964	DEF AT limestone	DEF AT 2
8090 / 6375	POS AT fault	DEF AT 2
8091 / 6375	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
8330 / 6522	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8450 / 6599	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
8780 / 6805	DEF AT pyrite	DEF AT 2
9440 / 7223	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
10070 / 7643	DEF AT poor sample interval top	DEF AT 0
11179 / 8387	DEF AT poor sample interval bottom	DEF AT 0
11180 / 8388	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
11910 / 8873	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 01-OCT-1980	First Sample Examined: 3850
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 11357
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 9306
API Well Number: 427094057300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3850 - 11357	Water Depth: 186
Public Info Code: Y 27-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3850 / 3284	DEF AT first sample examined	DEF AT 0
4690 / 3854	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5500 / 4450	DEF AT local marker foram increase	DEF AT 0
7540 / 5877	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7600 / 5921	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8890 / 6950	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9610 / 7611	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9940 / 7925	DEF AT poor sample interval top	DEF AT 0
11356 / 9309	DEF AT poor sample interval bottom	DEF AT 0
11357 / 9310	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 467	<b>Date of Summary:</b> 01-APR-1981	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G02688	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13450
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8856
<b>API Well Number:</b> 427094058600	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4000 - 11370	<b>Water Depth:</b> 186
<b>Public Info Code:</b> Y 20-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3615	DEF AT first sample examined	DEF AT 0
4620 / 3972	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6600 / 5010	DEF AT poor sample interval top	DEF AT 0
7920 / 5823	DEF AT poor sample interval bottom	DEF AT 0
8100 / 5914	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
8310 / 6019	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 0
8370 / 6049	DEF AT poor sample interval top	DEF AT 0
8610 / 6169	DEF AT poor sample interval bottom	DEF AT 0
9150 / 6445	DEF AT sample gap top	DEF AT 0
9210 / 6475	DEF AT sample gap bottom	DEF AT 0
9270 / 6506	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9930 / 6857	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10410 / 7127	DEF AT reworked material	DEF AT 0
11220 / 7592	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11370 / 7680	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 467	Date of Summary: 01-APR-1981	First Sample Examined: 10370
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 13450
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 8856
API Well Number: 427094058600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 10370 - 13430	Water Depth: 186
Public Info Code: Y 20-APR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10370 / 7105	DEF AT first sample examined	DEF AT 0
11180 / 7568	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11720 / 7886	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
13430 / 8846	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 468	<b>Date of Summary:</b> 14-MAY-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08566	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10242
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9590
<b>API Well Number:</b> 427094086800	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 29-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2630 / 2630	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5400 / 5400	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7470 / 7395	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9540 / 8991	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 469	<b>Date of Summary:</b> 18-DEC-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02689	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10520
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9107
<b>API Well Number:</b> 427094040100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 25-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4201 / 4163	POS AT Middle Pleistocene	DEF AT 0
4785 / 4667	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 469	<b>Date of Summary:</b> 03-DEC-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02689	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10144
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9504
<b>API Well Number:</b> 427094042300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4827 / 4563	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 469	Date of Summary: 03-OCT-2000	First Sample Examined: 0
Lease Number: G02689	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10144
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9504
API Well Number: 427094042300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3580	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5078 / 4797	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 469	<b>Date of Summary:</b> 03-NOV-2000	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02689	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8600
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6604
<b>API Well Number:</b> 427094050100	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 15-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 5245	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7012 / 5468	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 469	<b>Date of Summary:</b> 03-DEC-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02689	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8750
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7964
<b>API Well Number:</b> 427094048400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 13-NOV-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5115 /	POS AT Lower Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 469	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G02732	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13550
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9814
API Well Number: 427094048600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 15-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4953 / 4667	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 471 <b>Lease Number:</b> G02690 <b>Well Name:</b> 004 <b>API Well Number:</b> 427094039200 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 23-MAR-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7972 <b>Borehole TVD:</b> 7389 <b>Rkb Elevation:</b> 93 <b>Water Depth:</b> 176 <b>Paleo ID:</b> 002
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3653	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4710 / 4628	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 22-FEB-1979	First Sample Examined: 940
Lease Number: G02690	Source of Paleo: OPERATOR	Borehole MD: 7972
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7389
API Well Number: 427094039200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 940 - 7970	Water Depth: 176
Public Info Code: Y 23-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
940 / 940	DEF AT first sample examined	DEF AT 0
1120 / 1120	DEF AT - - - - -	DEF AT 2
1450 / 1450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2440 / 2440	DEF AT poor sample interval top	DEF AT 0
2869 / 2867	DEF AT poor sample interval bottom	DEF AT 0
2870 / 2868	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3230 / 3214	DEF AT - - - - -	DEF AT 2
3380 / 3357	DEF AT sample gap top	DEF AT 0
3509 / 3480	DEF AT sample gap bottom	DEF AT 0
3510 / 3481	DEF AT - - - - -	DEF AT 2
3690 / 3653	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3960 / 3911	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4140 / 4083	DEF AT local marker foram increase	DEF AT 4
4230 / 4169	DEF AT poor sample interval top	DEF AT 3
4710 / 4628	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7017 / 6685	POS AT Pliocene	DEF AT 3
7045 / 6708	POS AT Pliocene	DEF AT 3
7969 / 7397	DEF AT poor sample interval bottom	DEF AT 3
7970 / 7397	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 471 <b>Lease Number:</b> G02690 <b>Well Name:</b> 006 <b>API Well Number:</b> 427094038100 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 13-NOV-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8387 <b>Borehole TVD:</b> 8387 <b>Rkb Elevation:</b> 76 <b>Water Depth:</b> 190 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7825 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8264 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 07-NOV-1978	First Sample Examined: 1007
Lease Number: G02690	Source of Paleo: OPERATOR	Borehole MD: 8387
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8387
API Well Number: 427094038100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 76
Paleo Report Num: 2 of 2	Sample Range: 1007 - 8387	Water Depth: 190
Public Info Code: Y 13-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1007 /	DEF AT first sample examined	DEF AT 2
1686 /	DEF AT -----	DEF AT 3
1866 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1956 /	DEF AT -----	DEF AT 2
3810 /	DEF AT -----	DEF AT 3
4130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6170 /	DEF AT -----	DEF AT 4
6320 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6500 /	DEF AT sample gap top	DEF AT 0
6569 /	DEF AT sample gap bottom	DEF AT 0
6570 /	DEF IN local marker foram increase	DEF AT 4
6620 /	DEF AT sample gap top	DEF AT 0
7097 /	DEF AT sample gap bottom	DEF AT 0
7720 /	DEF AT -----	DEF AT 5
7822 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8264 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8265 /	DEF AT gouge	DEF AT 5
8326 /	DEF AT local marker foram increase	DEF AT 6
8387 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 471	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02690	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5050
<b>Well Name:</b> 007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5050
<b>API Well Number:</b> 427094037400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 24-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4430 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02690	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4140
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3963
API Well Number: 427094056500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 17-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2760 / 2682	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3094 / 2996	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 471	<b>Date of Summary:</b> 09-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02690	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5050
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4097
<b>API Well Number:</b> 427094057100	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 189
<b>Public Info Code:</b> Y 26-SEP-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3248 / 2721	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3670 / 3035	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 471 <b>Lease Number:</b> G02690 <b>Well Name:</b> A004 <b>API Well Number:</b> 427094057600 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 15-OCT-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7000 <b>Borehole TVD:</b> 4725 <b>Rkb Elevation:</b> 112 <b>Water Depth:</b> 189 <b>Paleo ID:</b> 001</p>
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4246 / 3253	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6050 / 4171	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 17-NOV-1980	First Sample Examined: 3010
Lease Number: G02690	Source of Paleo: OPERATOR	Borehole MD: 9510
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9001
API Well Number: 427094057800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3010 - 9460	Water Depth: 189
Public Info Code: Y 06-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 / 2870	DEF AT first sample examined	DEF AT 3
3220 / 3061	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3400 / 3227	DEF AT -----	DEF AT 2
4590 / 4309	DEF AT -----	DEF AT 4
4620 / 4337	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4860 / 4555	DEF AT -----	DEF AT 3
5070 / 4746	DEF AT sample gap top	DEF AT 0
5109 / 4782	DEF AT sample gap bottom	DEF AT 0
5110 / 4783	DEF AT cement	DEF AT 3
5619 / 5246	DEF AT cement	DEF AT 3
5620 / 5247	DEF AT local marker foram increase	DEF AT 4
7180 / 6691	DEF AT local marker (general)	DEF AT 4
7240 / 6749	DEF AT sample gap top	DEF AT 0
7300 / 6808	DEF AT sample gap bottom	DEF AT 0
7330 / 6837	DEF AT sample gap top	DEF AT 0
7360 / 6866	DEF AT sample gap bottom	DEF AT 0
7420 / 6924	DEF AT sample gap top	DEF AT 0
7440 / 6944	DEF AT sample gap bottom	DEF AT 0
8170 / 7668	DEF AT poor sample interval top	POS AT 4
8919 / 8414	DEF AT poor sample interval bottom	DEF AT 4
8920 / 8415	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8980 / 8475	DEF AT local marker deep water fauna	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 17-NOV-1980	First Sample Examined: 3010
Lease Number: G02690	Source of Paleo: OPERATOR	Borehole MD: 9510
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9001
API Well Number: 427094057800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3010 - 9460	Water Depth: 189
Public Info Code: Y 06-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 / 8952	DEF IN local marker deep water fauna	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G02690	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9510
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9001
API Well Number: 427094057800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 06-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 / 3254	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4121 / 3882	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
4620 / 4337	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8980 / 8475	DEF AT local marker deep water fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 02-DEC-1982	First Sample Examined: 0
Lease Number: G02690	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4471
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4082
API Well Number: 427094060300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 14-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2884 / 2707	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 471	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02690	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3165
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 2871
<b>API Well Number:</b> 427094060400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 189
<b>Public Info Code:</b> Y 25-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2886 / 2634	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 471 <b>Lease Number:</b> G02690 <b>Well Name:</b> A009 <b>API Well Number:</b> 427094060800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 09-FEB-1991</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6446 <b>Borehole TVD:</b> 3548 <b>Rkb Elevation:</b> 112 <b>Water Depth:</b> 189 <b>Paleo ID:</b> 001</p>
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4820 / 2856	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 471	Date of Summary: 13-MAY-1985	First Sample Examined: 0
Lease Number: G03243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7250
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5789
API Well Number: 427094081400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 193
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2562 / 2156	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3602 / 2907	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5418 / 4251	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 474	Date of Summary: 05-JAN-1978	First Sample Examined: 2900
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 10252
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9016
API Well Number: 427094029400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 2900 - 10250	Water Depth: 173
Public Info Code: Y 29-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2900 / 2714	DEF AT first sample examined	DEF AT 3
2901 / 2715	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3800 / 3482	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7160 / 6276	DEF AT -----	DEF AT 4
7190 / 6300	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8390 / 7312	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9830 / 8629	DEF AT -----	DEF AT 5
10250 / 9016	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 475	Date of Summary: 19-MAY-1983	First Sample Examined: 0
Lease Number: G02367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7700
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 7697
API Well Number: 427094074400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 169
Public Info Code: Y 08-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4510 /	DEF AT -----	DEF AT 3
5320 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5710 /	DEF AT -----	DEF AT 5
6160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 476	<b>Date of Summary:</b> 16-JAN-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04742	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9002
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9002
<b>API Well Number:</b> 427094069700	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 166
<b>Public Info Code:</b> Y 10-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7151 / 7135	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 476	<b>Date of Summary:</b> 08-DEC-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04742	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9055
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9055
<b>API Well Number:</b> 427094071500	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 170
<b>Public Info Code:</b> Y 10-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7480 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 476 <b>Lease Number:</b> G04742 <b>Well Name:</b> 003 <b>API Well Number:</b> 427094071501 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-DEC-1991	<b>Date of Summary:</b> 08-DEC-1982 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARK PRODUCING INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9382 <b>Borehole TVD:</b> 8623 <b>Rkb Elevation:</b> 95 <b>Water Depth:</b> 170 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7489	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 477	Date of Summary: 04-SEP-1985	First Sample Examined: 4620
Lease Number: G04742	Source of Paleo: OPERATOR	Borehole MD: 9407
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7549
API Well Number: 427094084400	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 4620 - 9370	Water Depth: 166
Public Info Code: Y 10-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4620 / 4084	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5640 / 4808	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7890 / 6373	DEF AT -----	DEF AT 5
8790 / 7085	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9370 / 7523	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 477	Date of Summary: 29-NOV-1983	First Sample Examined: 4110
Lease Number: G06226	Source of Paleo: OPERATOR	Borehole MD: 9630
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8597
API Well Number: 427094078000	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4110 - 9630	Water Depth: 170
Public Info Code: Y 07-DEC-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4110 / 4071	DEF AT first sample examined	DEF IN 3
4500 / 4454	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4680 / 4625	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6480 / 6119	DEF AT -----	DEF AT 4
7710 / 7108	DEF AT -----	DEF AT 5
7770 / 7154	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9210 / 8260	DEF AT -----	DEF AT 6
9630 / 8597	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 477	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G06226	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9630
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8597
API Well Number: 427094078000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 07-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4454	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4680 / 4625	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7770 / 7154	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 17-SEP-1973	First Sample Examined: 1000
Lease Number: G02368	Source of Paleo: OPERATOR	Borehole MD: 5518
Well Name: 001	Paleo Done By: ED ROEDERER	Borehole TVD: 5518
API Well Number: 427094000100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 1000 - 5500	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 3
1210 /	DEF AT -----	DEF AT 4
1270 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
1300 /	DEF AT -----	DEF AT 3
2110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4000 /	DEF AT -----	DEF AT 3
4600 /	DEF AT -----	DEF AT 4
4660 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4960 /	DEF AT local marker deep water fauna	DEF AT 5
5500 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 01-OCT-1973	First Sample Examined: 1000
Lease Number: G02368	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5518
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 5518
API Well Number: 427094000100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 1000 - 5500	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 1
1120 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1270 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2110 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2320 /	POS IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 2
2380 /	DEF AT pyrite	DEF AT 2
2590 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3070 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3550 /	DEF AT pyrite	DEF AT 2
4570 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5170 /	DEF AT drilling material	DEF AT 4
5200 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5046
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5046
<b>API Well Number:</b> 427094002300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 64
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 154
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4950
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4950
<b>API Well Number:</b> 427094002400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 66
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 158
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2290 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
3010 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480 <b>Lease Number:</b> G02368 <b>Well Name:</b> 007 <b>API Well Number:</b> 427094002800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-JUL-1993	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 4448 <b>Borehole TVD:</b> 4448 <b>Rkb Elevation:</b> 69 <b>Water Depth:</b> 156 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1215 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2274 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 03-MAR-1993	First Sample Examined: 0
Lease Number: G02368	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4800
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 4800
API Well Number: 427094096000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2329 / 2329	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4210 / 4210	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b> 02-MAR-1977	<b>First Sample Examined:</b> 2650
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4716
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4578
<b>API Well Number:</b> 427094021200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2650 - 4660	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2650 / 2622	DEF AT first sample examined	DEF IN 3
2890 / 2848	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4540 / 4411	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4660 / 4525	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 12-APR-1977	First Sample Examined: 2824
Lease Number: G02368	Source of Paleo: OPERATOR	Borehole MD: 8041
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4900
API Well Number: 427094023300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2824 - 8040	Water Depth: 159
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2824 / 2350	DEF AT first sample examined	DEF IN 3
3840 / 2826	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5550 / 3672	DEF AT faunal change (no faunal increase)	DEF AT 4
5730 / 3767	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6750 / 4272	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8040 / 4907	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 09-JUN-1977	First Sample Examined: 2410
Lease Number: G02368	Source of Paleo: OPERATOR	Borehole MD: 5720
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4811
API Well Number: 427094023400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2410 - 5719	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2410 / 2215	DEF AT first sample examined	DEF AT 3
3520 / 2907	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5470 / 4573	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5719 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b> 03-MAR-1977	<b>First Sample Examined:</b> 2700
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7491
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6301
<b>API Well Number:</b> 427094021201	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2700 - 5310	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Report=original hole; 5500 to 7480=OWDD report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2670	DEF AT first sample examined	DEF IN 3
3210 / 3122	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4590 / 4129	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5310 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 05-JUL-1977	First Sample Examined: 5336
Lease Number: G02368	Source of Paleo: OPERATOR	Borehole MD: 7491
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6301
API Well Number: 427094021201	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 5336 - 7480	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5336 /	DEF AT first sample examined	DEF IN 3
5500 /	DEF AT -----	DEF AT 4
5920 /	DEF AT -----	DEF AT 5
7090 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7480 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b> 04-AUG-1977	<b>First Sample Examined:</b> 2811
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7877
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5832
<b>API Well Number:</b> 427094026000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2811 - 7030	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2811 / 2360	DEF AT first sample examined	DEF IN 3
2910 / 2410	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4770 / 3331	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6720 / 4713	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7030 / 5002	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b> 19-SEP-1977	<b>First Sample Examined:</b> 2811
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7877
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5832
<b>API Well Number:</b> 427094026000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2811 - 7870	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7031 / 5003	DEF AT first sample examined	DEF IN 3
7330 / 5288	DEF AT - - - - -	DEF AT 4
7870 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b> 01-JUN-1977	<b>First Sample Examined:</b> 2160
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5347
<b>Well Name:</b> A006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4763
<b>API Well Number:</b> 427094025200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2160 - 5340	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2160 / 2160	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3840 / 3730	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5220 / 4664	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5340 / 4744	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 480	<b>Date of Summary:</b> 04-MAY-1977	<b>First Sample Examined:</b> 2820
<b>Lease Number:</b> G02368	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5924
<b>Well Name:</b> A007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4600
<b>API Well Number:</b> 427094023301	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2820 - 5924	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2349	DEF AT first sample examined	DEF AT 3
2821 / 2349	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3910 / 3071	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5924 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 05-JUL-1977	First Sample Examined: 5020
Lease Number: G02368	Source of Paleo: OPERATOR	Borehole MD: 7800
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6078
API Well Number: 427094023401	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5020 - 7780	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 / 3900	DEF AT first sample examined	DEF AT 3
6610 / 4999	DEF AT - - - - -	DEF AT 4
6910 / 5270	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
6911 / 5270	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7780 / 6060	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 11-OCT-1977	First Sample Examined: 2680
Lease Number: G02368	Source of Paleo: OPERATOR	Borehole MD: 11171
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7419
API Well Number: 427094028200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2680 - 11171	Water Depth: 155
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2680 / 2361	DEF AT first sample examined	DEF AT 3
3370 / 2741	DEF AT sample gap top	DEF AT 0
4749 / 3425	DEF AT sample gap bottom	DEF AT 0
4750 / 3425	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7870 / 5035	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8290 / 5249	DEF AT -----	DEF AT 4
8710 / 5468	DEF AT -----	DEF AT 5
10000 / 6322	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11171 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 480	Date of Summary: 01-JUL-1991	First Sample Examined: 0
Lease Number: G02368	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9462
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 4748
API Well Number: 427094094200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1070 / 1053	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2350 / 2066	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4245 / 2848	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8762 / 4464	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 487	<b>Date of Summary:</b> 28-MAY-1982	<b>First Sample Examined:</b> 3090
<b>Lease Number:</b> G04742	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7000
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6800
<b>API Well Number:</b> 427094069300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3090 - 7000	<b>Water Depth:</b> 170
<b>Public Info Code:</b> Y 10-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 3033	DEF AT first sample examined	POS AT 2
3091 / 3034	DEF AT cement	POS AT 2
3150 / 3091	DEF AT faunal change (no faunal increase)	DEF AT 2
3870 / 3784	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3871 / 3785	DEF AT poor sample interval top	DEF AT 3
5160 / 5023	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5729 / 5572	DEF AT poor sample interval bottom	DEF AT 3
5730 / 5573	DEF AT sandstone	DEF AT 2
6810 / 6616	DEF AT faunal change (no faunal increase)	DEF AT 4
6930 / 6732	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7000 / 6799	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 487	<b>Date of Summary:</b> 12-APR-1982	<b>First Sample Examined:</b> 2980
<b>Lease Number:</b> G04743	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8115
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8100
<b>API Well Number:</b> 427094070800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2980 - 8080	<b>Water Depth:</b> 169
<b>Public Info Code:</b> Y 14-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2980 / 2967	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3250 / 3237	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3580 / 3567	DEF AT -----	DEF AT 1
3820 / 3807	DEF AT -----	DEF AT 2
3850 / 3837	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4660 / 4647	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5890 / 5877	DEF AT local marker (general)	DEF AT 1
6820 / 6806	DEF AT poor sample interval top	DEF AT 0
6969 / 6955	DEF AT poor sample interval bottom	DEF AT 0
6970 / 6956	POS AT Pliocene	DEF AT 2
7300 / 7286	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7630 / 7616	DEF AT -----	DEF AT 2
8080 / 8065	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 487	<b>Date of Summary:</b> 30-DEC-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04743	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8115
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8100
<b>API Well Number:</b> 427094070800	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 169
<b>Public Info Code:</b> Y 14-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 / 4647	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 489	Date of Summary: 16-NOV-1978	First Sample Examined: 11480
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 12526
Well Name: B023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8301
API Well Number: 427094037200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 11480 - 13430	Water Depth: 182
Public Info Code: Y 10-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11480 / 7469	DEF AT first sample examined	DEF AT 0
11600 / 7563	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12170 / 8014	DEF AT -----	DEF AT 5
13430 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 489	<b>Date of Summary:</b> 08-SEP-1977	<b>First Sample Examined:</b> 3160
<b>Lease Number:</b> G02372	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10181
<b>Well Name:</b> B011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8500
<b>API Well Number:</b> 427094028100	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3160 - 10180	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 06-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3160 / 2901	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4540 / 3916	DEF AT -----	DEF AT 4
5500 / 4634	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7840 / 6444	DEF AT -----	DEF AT 5
8680 / 7166	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10180 / 8488	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 489	<b>Date of Summary:</b> 08-DEC-1977	<b>First Sample Examined:</b> 6980
<b>Lease Number:</b> G02372	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11125
<b>Well Name:</b> B013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8410
<b>API Well Number:</b> 427094028600	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6980 - 11120	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 02-JAN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 5479	DEF AT first sample examined	DEF IN 4
7700 / 5989	DEF AT - - - - -	DEF AT 5
9170 / 7039	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11120 / 8434	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 489	<b>Date of Summary:</b> 15-FEB-1978	<b>First Sample Examined:</b> 6030
<b>Lease Number:</b> G02372	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9900
<b>Well Name:</b> B014	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8797
<b>API Well Number:</b> 427094029700	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6030 - 9770	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 28-FEB-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6030 / 5386	DEF AT first sample examined	DEF IN 3
6180 / 5513	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6690 / 5946	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8240 / 7303	DEF AT -----	DEF AT 5
8570 / 7600	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9770 / 8692	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 489	Date of Summary: 10-NOV-1980	First Sample Examined: 0
Lease Number: G02372	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8960
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 8516
API Well Number: 427094030400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6061	DEF AT -----	DEF AT 4
7710 / 7300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7920 / 7505	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 489	Date of Summary: 14-OCT-1988	First Sample Examined: 0
Lease Number: G02372	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8960
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 8516
API Well Number: 427094030400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6061	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7710 / 7300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 489	Date of Summary: 05-JUL-1978	First Sample Examined: 6290
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 8715
Well Name: B019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8213
API Well Number: 427094026201	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 6290 - 8690	Water Depth: 182
Public Info Code: Y 22-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 6269	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
8210 / 7798	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8360 / 7921	DEF AT -----	DEF AT 5
8690 / 8194	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 489	<b>Date of Summary:</b> 17-AUG-1978	<b>First Sample Examined:</b> 6180
<b>Lease Number:</b> G02372	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8454
<b>Well Name:</b> B024	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7315
<b>API Well Number:</b> 427094035400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6180 - 8454	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 05-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 5266	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6420 / 5472	DEF AT -----	DEF AT 4
7590 / 6500	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8190 / 7047	DEF AT -----	DEF AT 5
8454 / 7290	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 489	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G02372	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12375
Well Name: B026	Paleo Done By: OPERATOR	Borehole TVD: 8505
API Well Number: 427094043100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 02-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 4587	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10390 / 7135	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10870 / 7452	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 19-MAY-1976	First Sample Examined: 850
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 9845
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8795
API Well Number: 427094013200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 850 - 9820	Water Depth: 200
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 / 850	POS IN Pleistocene	DEF AT 3
970 / 970	DEF AT -----	DEF AT 2
1870 / 1870	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2050 / 2050	DEF AT local marker (general)	DEF AT 3
2770 / 2753	DEF AT -----	DEF AT 2
3190 / 3146	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3910 / 3821	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4060 / 3962	DEF AT -----	DEF AT 2
4390 / 4260	DEF AT -----	DEF AT 3
4508 / 4364	POS AT fault	DEF AT 0
4509 / 4364	POS AT unconformity	DEF AT 0
4510 / 4365	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4720 / 4543	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5140 / 4885	DEF AT -----	DEF AT 4
5890 / 5481	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7450 / 6739	POS AT Arenaceous fauna (local marker)	DEF AT 4
7810 / 7035	DEF AT local marker (general)	DEF AT 3
8500 / 7616	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8710 / 7795	DEF AT -----	DEF AT 4
9580 / 8559	DEF AT local marker foram increase	DEF AT 4
9820 / 8774	DEF AT last sample examined	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 21-JUL-1976	First Sample Examined: 860
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 10247
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10247
API Well Number: 427094016600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 860 - 10190	Water Depth: 200
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
860 /	DEF AT first sample examined	DEF AT 3
861 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1100 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1820 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2000 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2090 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3260 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3650 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3890 /	DEF AT sample gap top	POS AT 3
3949 /	DEF AT sample gap bottom	DEF AT 3
3950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4160 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5600 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5690 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5930 /	DEF AT local marker benthic foram increase	DEF AT 4
6140 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8089 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8090 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
8510 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
8511 /	POS AT local marker foram increase	DEF AT 5
8660 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10040 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 21-JUL-1976	<b>First Sample Examined:</b> 860
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10247
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10247
<b>API Well Number:</b> 427094016600	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 860 - 10190	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10190 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 28-MAY-1976	First Sample Examined: 6120
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 10450
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9485
API Well Number: 427094013201	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 6120 - 10410	Water Depth: 200
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
5801 / 5411	POS AT unconformity	DEF AT 0
6120 / 5665	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6121 / 5666	DEF AT poor sample interval top	DEF AT 0
6239 / 5764	DEF AT poor sample interval bottom	DEF AT 0
6240 / 5765	DEF AT -----	DEF AT 4
6510 / 5995	DEF AT local marker foram increase	DEF AT 4
7740 / 7060	DEF AT -----	DEF AT 3
8310 / 7560	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8500 / 7728	POS AT fault	DEF AT 0
8850 / 8037	DEF AT -----	DEF AT 3
9360 / 8490	POS AT local marker (general)	DEF AT 4
10410 / 9450	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 492 <b>Lease Number:</b> G03243 <b>Well Name:</b> 004 <b>API Well Number:</b> 427094019800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 01-MAY-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10085 <b>Borehole TVD:</b> 9741 <b>Rkb Elevation:</b> 94 <b>Water Depth:</b> 192 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 6192	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7940 / 7689	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 02-NOV-1979	First Sample Examined: 920
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 7520
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5034
API Well Number: 427094045600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 920 - 7520	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
920 / 920	DEF AT first sample examined	DEF AT 2
1790 / 1772	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4490 / 3393	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4790 / 3551	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6050 / 4225	DEF AT local marker benthic foram increase	DEF AT 3
7520 / 5035	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 02-NOV-1979	First Sample Examined: 830
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 6665
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5200
API Well Number: 427094044100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 830 - 6640	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
830 / 830	DEF AT first sample examined	DEF AT 2
1760 / 1739	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3950 / 3306	DEF AT - - - - -	DEF AT 3
4070 / 3383	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5020 / 4050	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5740 / 4559	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6640 / 5198	DEF AT first sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 05-SEP-1980	First Sample Examined: 0
Lease Number: G03243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6665
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 427094044100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 3469	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5000 / 4036	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 30-APR-1979	First Sample Examined: 800
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 5330
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5107
API Well Number: 427094041800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 3	Sample Range: 800 - 5300	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
800 / 800	DEF AT first sample examined	DEF AT 2
1910 / 1905	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2450 / 2415	DEF AT -----	DEF AT 2
3410 / 3300	DEF AT -----	DEF AT 3
3500 / 3384	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4190 / 4026	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4430 / 4250	DEF AT -----	DEF AT 2
4790 / 4587	DEF AT -----	DEF AT 4
4850 / 4643	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5300 / 5063	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 30-APR-1979	First Sample Examined: 2540
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 5330
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5107
API Well Number: 427094041800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 3	Sample Range: 2540 - 5300	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2540 / 2498	DEF AT first sample examined	DEF AT 2
3410 / 3300	DEF AT -----	DEF AT 3
3500 / 3384	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
4070 / 3914	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4400 / 4222	DEF AT -----	DEF AT 2
4730 / 4531	DEF AT -----	DEF AT 3
4790 / 4587	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5300 / 5063	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 03-APR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5330
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5107
<b>API Well Number:</b> 427094041800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1910 / 1905	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3500 / 3384	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4070 / 3914	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 14-JAN-1980	<b>First Sample Examined:</b> 700
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7736
<b>Well Name:</b> A004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5214
<b>API Well Number:</b> 427094048900	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 700 - 7670	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
700 / 700	DEF AT first sample examined	DEF AT 2
1990 / 1924	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2110 / 2022	DEF AT - - - - -	DEF AT 2
4120 / 3240	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5810 / 4207	DEF AT local marker foram increase	DEF AT 3
7670 / 5185	DEF AT first sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 03-APR-1981	First Sample Examined: 0
Lease Number: G03243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7736
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5214
API Well Number: 427094048900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1760 / 1727	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5200 / 3858	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7750
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5413
<b>API Well Number:</b> 427094050800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 3502	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5700 / 4114	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 14-JAN-1980	First Sample Examined: 890
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 7750
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5413
API Well Number: 427094050800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 890 - 7640	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
890 / 890	DEF AT first sample examined	DEF AT 2
1850 / 1813	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4220 / 3229	DEF AT - - - - -	DEF AT 3
4730 / 3532	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5450 / 3959	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6590 / 4706	DEF AT - - - - -	DEF AT 2
7640 / 5348	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 04-JUN-1979	First Sample Examined: 800
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 9465
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7803
API Well Number: 427094042800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 800 - 9440	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 / 800	DEF AT first sample examined	DEF AT 2
1910 / 1888	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3710 / 3371	DEF AT -----	DEF AT 3
3770 / 3418	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4640 / 4111	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6170 / 5354	DEF AT -----	DEF AT 2
6830 / 5901	DEF AT sample gap top	DEF AT 0
7129 / 6152	DEF AT sample gap bottom	DEF AT 0
7130 / 6152	DEF AT local marker foram increase	DEF AT 3
7400 / 6375	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8060 / 6855	DEF AT -----	DEF AT 4
8450 / 7115	DEF AT -----	DEF AT 3
9440 / 7794	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 05-SEP-1980	First Sample Examined: 0
Lease Number: G03243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9465
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7803
API Well Number: 427094042800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1866 / 1847	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3132 / 2903	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
3681 / 3348	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5474 / 4783	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 14-JAN-1980	<b>First Sample Examined:</b> 820
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9892
<b>Well Name:</b> A007	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7683
<b>API Well Number:</b> 427094049800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 820 - 9830	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
820 / 820	DEF AT first sample examined	DEF AT 2
1840 / 1821	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3740 / 3350	DEF AT -----	DEF AT 3
3950 / 3508	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5030 / 4321	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5780 / 4854	DEF AT -----	DEF AT 2
7430 / 5983	DEF AT local marker foram increase	DEF AT 3
7730 / 6196	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9350 / 7386	DEF AT -----	DEF AT 3
9830 / 7660	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 03-APR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9892
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7683
<b>API Well Number:</b> 427094049800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1840 / 1821	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3950 / 3508	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5030 / 4321	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8510 / 6772	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492 <b>Lease Number:</b> G03243 <b>Well Name:</b> A009 <b>API Well Number:</b> 427094043700 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 01-MAY-1988	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9000 <b>Borehole TVD:</b> 8104 <b>Rkb Elevation:</b> 96 <b>Water Depth:</b> 181 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1880 / 1843	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3520 / 3273	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
3640 / 3377	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5800 / 5248	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 17-JUL-1979	First Sample Examined: 830
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8104
API Well Number: 427094043700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 830 - 8980	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
830 / 830	DEF AT first sample examined	DEF AT 2
1880 / 1843	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2500 / 2384	DEF AT - - - - -	DEF AT 2
3520 / 3273	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3640 / 3377	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4510 / 4131	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5800 / 5248	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6910 / 6224	DEF AT - - - - -	DEF AT 4
7420 / 6679	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8980 / 8086	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9975
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8099
<b>API Well Number:</b> 427094048500	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3344	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
4210 / 3760	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4670 / 4113	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 25-MAR-1980	<b>First Sample Examined:</b> 7240
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9975
<b>Well Name:</b> A010	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8099
<b>API Well Number:</b> 427094048500	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7240 - 9920	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 / 6002	DEF AT first sample examined	DEF AT 3
7670 / 6306	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9110 / 7397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9260 / 7515	DEF AT local marker foram increase	DEF AT 4
9920 / 8053	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 17-SEP-1979	First Sample Examined: 830
Lease Number: G03243	Source of Paleo: OPERATOR	Borehole MD: 13463
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9326
API Well Number: 427094044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 3	Sample Range: 830 - 9680	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
830 / 830	DEF AT first sample examined	DEF AT 2
1850 / 1823	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3770 / 3315	DEF AT -----	DEF AT 3
3920 / 3410	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5000 / 4090	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6400 / 5003	DEF AT -----	DEF AT 2
8060 / 5986	DEF AT -----	DEF AT 3
8510 / 6238	DEF AT local marker foram increase	DEF AT 4
8990 / 6518	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9680 / 6876	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 17-SEP-1979	<b>First Sample Examined:</b> 9590
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13463
<b>Well Name:</b> A011	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9326
<b>API Well Number:</b> 427094044200	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 9590 - 13430	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9590 / 6828	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12230 / 8561	DEF AT - - - - -	DEF AT 3
13430 / 9306	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 03-APR-1981	First Sample Examined: 0
Lease Number: G03243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13463
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 9326
API Well Number: 427094044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1850 / 1823	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3920 / 3410	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5000 / 4090	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8990 / 6518	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10585
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7744
<b>API Well Number:</b> 427094048501	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 4901	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6250 / 5308	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 492	<b>Date of Summary:</b> 25-MAR-1980	<b>First Sample Examined:</b> 7330
<b>Lease Number:</b> G03243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10585
<b>Well Name:</b> A012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7744
<b>API Well Number:</b> 427094048501	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 7330 - 9010	<b>Water Depth:</b> 181
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7330 / 6064	DEF AT first sample examined	DEF AT 3
7510 / 6189	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9010 / 7027	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 492	Date of Summary: 23-APR-1980	First Sample Examined: 0
Lease Number: G03243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10585
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 7744
API Well Number: 427094048501	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 01-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 6189	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9400 / 7244	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 494	Date of Summary: 12-NOV-1980	First Sample Examined: 0
Lease Number: G03244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14760
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14760
API Well Number: 427094054600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 04-SEP-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11730 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
13380 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
14500 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 494	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G03244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16670
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 16665
API Well Number: 427094074000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 24-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5620 / 5620	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11440 /11437	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
11800 /11797	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 0
13150 /13146	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
14570 /14565	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 494	Date of Summary: 23-AUG-1983	First Sample Examined: 0
Lease Number: G03244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15150
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 14653
API Well Number: 427094075900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 10-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10752 /10514	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
13200 /12840	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
14583 /14135	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
15115 /14621	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 494	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: G03244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15541
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 15062
API Well Number: 427094076900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 08-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10678 /10526	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
14721 /14332	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 495	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06229	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13163
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13158
<b>API Well Number:</b> 427094089000	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6960 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10350 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10950 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12420 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 04-OCT-1979	First Sample Examined: 2875
Lease Number: G03118	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10000
API Well Number: 427094047300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2875 - 10000	Water Depth: 185
Public Info Code: Y 30-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2875 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4740 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5280 /	DEF AT -----	DEF AT 4
7110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8820 /	DEF AT sample gap top	DEF AT 0
9360 /	DEF AT sample gap bottom	DEF AT 0
9690 /	DEF AT -----	DEF AT 6
10000 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 04-JAN-1983	First Sample Examined: 0
Lease Number: G03118	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9373
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 9003
API Well Number: 427094062600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 / 4906	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5670 / 5472	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 499	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03118	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12624
<b>Well Name:</b> C002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9959
<b>API Well Number:</b> 427094063300	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 191
<b>Public Info Code:</b> Y 09-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 3082	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5610 / 4745	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9210 / 7486	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G03118	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11585
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 8504
API Well Number: 427094070600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 22-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 3657	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7200 / 4996	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8100 / 5614	DEF AT -----	DEF AT 4
10950 / 7935	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G03118	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10020
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 8259
API Well Number: 427094066900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 31-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 3096	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5640 / 4846	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G03118	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10513
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 8407
API Well Number: 427094068200	Drilling Operator: PENNZOIL PRODUCING COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 08-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 / 3093	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5700 / 4753	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9600 / 7722	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 09-SEP-1981	First Sample Examined: 3510
Lease Number: G03309	Source of Paleo: OPERATOR	Borehole MD: 13229
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7978
API Well Number: 427094064200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 2	Sample Range: 3510 - 9300	Water Depth: 191
Public Info Code: Y 18-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 2960	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3780 / 3103	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5670 / 4076	DEF AT - - - - -	DEF AT 4
7440 / 5015	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9300 / 6157	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 499	Date of Summary: 09-SEP-1981	First Sample Examined: 9060
Lease Number: G03309	Source of Paleo: OPERATOR	Borehole MD: 13229
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7978
API Well Number: 427094064200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 9060 - 13230	Water Depth: 191
Public Info Code: Y 18-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9060 / 6006	DEF AT first sample examined	DEF AT 4
10590 / 6800	DEF AT - - - - -	POS AT 5
11730 / 7297	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13230 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 500	Date of Summary: 07-DEC-1987	First Sample Examined: 0
Lease Number: G06232	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8660
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8660
API Well Number: 427094088700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6060 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 502	Date of Summary: 08-JAN-1991	First Sample Examined: 1870
Lease Number: G07339	Source of Paleo: OPERATOR	Borehole MD: 6845
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6835
API Well Number: 427094093700	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 1870 - 6840	Water Depth: 183
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1870 / 1870	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2820 / 2820	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4050 / 4049	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5850 / 5848	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5910 / 5908	DEF AT anhydrite	DEF AT 5
5911 / 5909	POS AT domal material	DEF AT 5
6840 / 6830	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 502	<b>Date of Summary:</b> 01-FEB-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07339	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6845
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6835
<b>API Well Number:</b> 427094093700	<b>Drilling Operator:</b> SANTA FE MINERALS INC	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2820	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4050 / 4049	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5801 / 5799	DEF AT gouge	DEF AT 0
5850 / 5848	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5920 / 5918	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 502	Date of Summary: 21-JAN-1991	First Sample Examined: 5666
Lease Number: G07339	Source of Paleo: OPERATOR	Borehole MD: 6750
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6601
API Well Number: 427094093701	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 5666 - 6750	Water Depth: 183
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5666 / 5664	DEF AT first sample examined	DEF IN 3
5760 / 5758	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5790 / 5788	DEF AT - - - - -	DEF AT 5
5910 / 5904	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6000 / 5989	POS AT domal material	DEF AT 5
6750 / 6602	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 502	<b>Date of Summary:</b> 04-FEB-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07339	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6750
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6601
<b>API Well Number:</b> 427094093701	<b>Drilling Operator:</b> SANTA FE INTERNATIONAL CORPOR	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5910 / 5904	DEF AT gouge	DEF AT 0
5911 / 5905	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6020 / 6007	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 506	Date of Summary: 02-JUN-1988	First Sample Examined: 0
Lease Number: G06236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7889
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6942
API Well Number: 427094089100	Drilling Operator: CXO PRODUCING CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7190 / 6405	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 507	Date of Summary: 23-APR-1980	First Sample Examined: 0
Lease Number: G03755	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7296
API Well Number: 427094048800	Drilling Operator: MONSANTO COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 23-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2990 / 2989	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4940 / 4936	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6230 /	DEF AT -----	DEF AT 5
6320 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 507	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G03755	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6889
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6250
API Well Number: 427094066300	Drilling Operator: MONSANTO COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 23-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3101	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5650 / 5174	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6605 / 6020	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 507	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G03755	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6967
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6368
API Well Number: 427094067300	Drilling Operator: MONSANTO COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 23-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3055	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5670 / 5154	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6640 / 6056	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 507	<b>Date of Summary:</b> 02-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03755	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6754
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6281
<b>API Well Number:</b> 427094068300	<b>Drilling Operator:</b> MONSANTO COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 23-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 2962	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5450 / 5037	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6370 / 5909	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 507	Date of Summary: 03-FEB-1983	First Sample Examined: 0
Lease Number: G03755	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6861
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6310
API Well Number: 427094068500	Drilling Operator: MONSANTO COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 23-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 / 3016	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5300 / 4915	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6360 / 5867	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 515	Date of Summary: 03-NOV-1994	First Sample Examined: 0
Lease Number: G04189	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7400
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6029
API Well Number: 427094054300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 25-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 / 1630	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3160 / 3005	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6080 / 5061	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 516	Date of Summary: 17-FEB-1987	First Sample Examined: 0
Lease Number: G08183	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9165
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9165
API Well Number: 427094086400	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 29-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1460 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5630 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9080 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 520	Date of Summary: 22-MAR-1976	First Sample Examined: 1000
Lease Number: G02378	Source of Paleo: OPERATOR	Borehole MD: 6650
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4800
API Well Number: 427094013600	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6620	Water Depth: 236
Public Info Code: Y 12-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 996	DEF AT cement	DEF AT 0
1180 / 1171	DEF AT -----	DEF AT 3
1810 / 1743	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1890 / 1811	DEF AT -----	DEF AT 4
2530 / 2297	DEF AT sample gap top	DEF AT 0
2929 / 2535	DEF AT sample gap bottom	DEF AT 0
2930 / 2536	DEF AT poor sample interval top	DEF AT 0
3249 / 2727	DEF AT poor sample interval bottom	DEF AT 0
3250 / 2728	DEF AT -----	DEF AT 2
4750 / 3668	DEF AT -----	DEF AT 4
4805 / 3704	DEF AT -----	DEF AT 2
4870 / 3748	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
6620 / 4783	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 520	Date of Summary: 22-MAR-1976	First Sample Examined: 1000
Lease Number: G02378	Source of Paleo: OPERATOR	Borehole MD: 7106
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4514
API Well Number: 427094013900	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7090	Water Depth: 236
Public Info Code: Y 12-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 998	DEF AT first sample examined	DEF AT 3
1810 / 1742	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2980 / 2567	DEF AT poor sample interval top	DEF AT 0
3189 / 2679	DEF AT poor sample interval bottom	DEF AT 0
3190 / 2680	DEF AT -----	DEF AT 2
5980 / 3942	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6220 / 4051	DEF AT -----	DEF AT 4
7030 / 4470	DEF AT -----	DEF AT 5
7090 / 4505	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 521	<b>Date of Summary:</b> 23-APR-1990	<b>First Sample Examined:</b> 8010
<b>Lease Number:</b> G07343	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10976
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10714
<b>API Well Number:</b> 427094091100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8010 - 10950	<b>Water Depth:</b> 248
<b>Public Info Code:</b> Y 08-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7748	DEF AT first sample examined	DEF AT 2
8280 / 8018	DEF AT faunal change (no faunal increase)	DEF AT
8670 / 8408	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8730 / 8468	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
8760 / 8498	DEF AT faunal change (no faunal increase)	DEF AT 4
8850 / 8588	DEF AT faunal change (no faunal increase)	DEF AT
9060 / 8798	DEF AT faunal change (no faunal increase)	DEF AT 4
9510 / 9248	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9600 / 9338	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
10890 / 10628	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
10950 / 10688	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 521	Date of Summary: 23-APR-1990	First Sample Examined: 7110
Lease Number: G07343	Source of Paleo: OPERATOR	Borehole MD: 10976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10714
API Well Number: 427094091100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 7110 - 10950	Water Depth: 248
Public Info Code: Y 08-DEC-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7110 / 6850	DEF AT first sample examined	DEF AT 0
7111 / 6851	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7350 / 7089	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
9540 / 9278	DEF IN Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
10170 / 9908	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
10769 /10507	DEF IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
10770 /10508	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 523	Date of Summary:	First Sample Examined: 0
Lease Number: G03948	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9510
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9478
API Well Number: 427094046400	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 12-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 / 1050	DEF AT -----	DEF AT 3
1530 / 1530	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3210 / 3210	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3330 / 3330	DEF AT -----	DEF AT 4
3630 / 3630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5220 / 5220	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6870 / 6868	DEF AT -----	DEF AT 5
9330 / 9302	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 523	Date of Summary: 12-APR-1983	First Sample Examined: 1000
Lease Number: G03948	Source of Paleo: OPERATOR	Borehole MD: 3250
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 2871
API Well Number: 427094072500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 1000 - 3220	Water Depth: 237
Public Info Code: Y 12-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 994	DEF AT first sample examined	DEF AT 2
1360 / 1318	DEF AT - - - - -	DEF AT 3
1660 / 1560	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3220 / 2847	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 523	<b>Date of Summary:</b> 30-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03948	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3250
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 2871
<b>API Well Number:</b> 427094072500	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 237
<b>Public Info Code:</b> Y 12-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2396 / 2155	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 523	<b>Date of Summary:</b> 24-FEB-1984	<b>First Sample Examined:</b> 1300
<b>Lease Number:</b> G03948	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 3475
<b>Well Name:</b> 003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 3085
<b>API Well Number:</b> 427094073700	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1300 - 3430	<b>Water Depth:</b> 236
<b>Public Info Code:</b> Y 12-APR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2110 / 1977	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2200 / 2051	DEF AT glauconite	DEF AT 1
3430 / 3047	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 523	Date of Summary: 24-MAY-1984	First Sample Examined: 0
Lease Number: G03948	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3475
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 3085
API Well Number: 427094073700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 236
Public Info Code: Y 12-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2110 / 1977	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 523	Date of Summary: 12-APR-1983	First Sample Examined: 1690
Lease Number: G03948	Source of Paleo: OPERATOR	Borehole MD: 3336
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 2851
API Well Number: 427094073300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 1690 - 3310	Water Depth: 237
Public Info Code: Y 12-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 / 1594	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
1691 / 1594	DEF AT poor sample interval top	DEF AT 0
1989 / 1828	DEF AT poor sample interval bottom	DEF AT 0
1990 / 1829	DEF AT -----	DEF AT 3
2440 / 2176	DEF AT -----	DEF AT 2
3310 / 2827	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 523	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G03948	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3336
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 2851
API Well Number: 427094073300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 12-APR-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2412 / 2155	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 531	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02697	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8368
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7502
<b>API Well Number:</b> 427094027500	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 03-FEB-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 6893	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
7701 / 6894	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 536 <b>Lease Number:</b> G02698 <b>Well Name:</b> C005 <b>API Well Number:</b> 427094032600 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 17-AUG-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11415 <b>Borehole TVD:</b> 7226 <b>Rkb Elevation:</b> 99 <b>Water Depth:</b> 200 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5318 / 3875	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 536  <b>Lease Number:</b> G02698  <b>Well Name:</b> C006  <b>API Well Number:</b> 427094035300  <b>Paleo Report Num:</b> 1 of 1  <b>Public Info Code:</b> Y 12-OCT-1988</p>	<p><b>Date of Summary:</b>  <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)  <b>Paleo Done By:</b> OPERATOR  <b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY  <b>Sample Range:</b> 0 - 0  <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0  <b>Borehole MD:</b> 10430  <b>Borehole TVD:</b> 7196  <b>Rkb Elevation:</b> 99  <b>Water Depth:</b> 200  <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5997 / 4424	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 536	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02698	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11536
<b>Well Name:</b> C007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7625
<b>API Well Number:</b> 427094038200	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 31-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8325 / 5782	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 537	Date of Summary: 16-MAR-1981	First Sample Examined: 0
Lease Number: G02697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13296
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 7855
API Well Number: 427094035101	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 28-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11760 / 6983	POS IN Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 537	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G02698	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10776
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 7168
API Well Number: 427094029600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 20-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3978 / 3467	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 537	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G02698	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8433
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 6974
API Well Number: 427094033000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 19-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7470 / 6227	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 537	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: G02698	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11031
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 7603
API Well Number: 427094039100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 20-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7070 / 5037	POS AT Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 24-APR-1975	First Sample Examined: 1365
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9380
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8345
API Well Number: 427094008600	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 1365 - 9370	Water Depth: 228
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1365 / 1365	DEF AT first sample examined	DEF IN 4
1580 / 1580	DEF AT -----	DEF AT 3
1700 / 1700	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3200 / 3200	DEF AT -----	DEF AT 4
3230 / 3230	DEF AT -----	DEF AT 5
3260 / 3260	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3500 / 3500	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5530 / 5528	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6640 / 6482	DEF AT -----	DEF AT 6
7540 / 7104	DEF AT sand	DEF AT 5
8830 / 7970	DEF AT poor sample interval top	DEF AT 5
9369 / 8337	DEF AT poor sample interval bottom	DEF AT 5
9370 / 8338	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 24-APR-1975	<b>First Sample Examined:</b> 8814
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9380
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8345
<b>API Well Number:</b> 427094008600	<b>Drilling Operator:</b> SUNRAY DX OIL COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 8814 - 9300	<b>Water Depth:</b> 228
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8814 / 7959	DEF AT first sample examined	DEF AT 0
8815 / 7960	DEF AT local marker foram decrease	DEF AT 0
9300 / 8290	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 14-JUL-1974	First Sample Examined: 1359
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 10001
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10001
API Well Number: 427094009700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 1359 - 10000	Water Depth: 228
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1359 /	DEF AT first sample examined	DEF IN 3
1690 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3270 /	DEF AT - - - - -	DEF AT 5
3330 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5760 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6780 /	DEF AT Arenaceous fauna (local marker)	DEF AT 6
7590 /	POS AT Pliocene	DEF AT 6
9130 /	POS AT Pliocene	DEF AT 5
9280 /	DEF AT - - - - -	DEF AT 6
10000 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 27-APR-1979	First Sample Examined: 1359
Lease Number: G02702	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10001
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 10001
API Well Number: 427094009700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 1359 - 10000	Water Depth: 228
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1359 /	DEF AT first sample examined	DEF IN 3
1690 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2970 /	DEF AT local marker foram increase	DEF AT 4
3000 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3360 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5370 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5760 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7110 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
7590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9100 /	DEF AT sample gap top	POS AT 5
9160 /	DEF AT sample gap bottom	DEF AT 5
9700 /	DEF AT local marker deep water fauna	DEF AT 6
10000 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 30-NOV-1976	First Sample Examined: 860
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9250
API Well Number: 427094021600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 860 - 9250	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
860 /	DEF AT first sample examined	DEF IN 3
1700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3320 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5630 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6980 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
7220 /	DEF AT -----	DEF AT 5
7221 /	DEF AT -----	DEF AT 6
7370 /	DEF AT local marker (general)	DEF AT 5
7760 /	DEF AT local marker (general)	DEF AT 5
9250 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 20-DEC-1976	First Sample Examined: 6133
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9729
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8894
API Well Number: 427094021601	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 6133 - 9710	Water Depth: 233
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6133 / 6133	DEF AT first sample examined	DEF AT 0
6134 / 6134	DEF AT cement	DEF AT 0
7009 / 6992	DEF AT cement	DEF AT 0
7010 / 6993	DEF AT Arenaceous fauna (local marker)	DEF AT 5
8480 / 8073	POS AT Pliocene	DEF AT 5
9710 / 8871	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 26-APR-1979	First Sample Examined: 1240
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 10033
Well Name: 005	Paleo Done By: ECO-PAL	Borehole TVD: 9008
API Well Number: 427094040600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1240 - 10033	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 / 1240	DEF AT cement	DEF AT 0
1270 / 1270	DEF AT -----	POS AT 1
1300 / 1300	DEF AT -----	DEF AT 1
1600 / 1600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1810 / 1809	DEF AT -----	POS AT 1
1870 / 1868	DEF AT -----	DEF AT 1
2290 / 2280	DEF AT -----	POS AT 1
2320 / 2309	DEF AT -----	DEF AT 1
2650 / 2627	DEF AT -----	POS AT 1
2950 / 2910	DEF AT -----	DEF AT 1
3220 / 3143	DEF AT -----	POS AT 1
3370 / 3270	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 4
3388 / 3285	POS AT unconformity	DEF AT 0
3389 / 3286	POS AT fault	DEF AT 0
3550 / 3420	DEF AT -----	POS AT 3
3640 / 3495	DEF AT -----	DEF AT 3
3670 / 3520	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3730 / 3571	DEF AT -----	POS AT 1
3820 / 3647	DEF AT sample gap top	DEF AT 0
3879 / 3698	DEF AT sample gap bottom	DEF AT 0
3880 / 3698	DEF AT -----	DEF AT 2
3910 / 3724	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 26-APR-1979	<b>First Sample Examined:</b> 1240
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10033
<b>Well Name:</b> 005	<b>Paleo Done By:</b> ECO-PAL	<b>Borehole TVD:</b> 9008
<b>API Well Number:</b> 427094040600	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1240 - 10033	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 3827	DEF AT -----	DEF AT 2
4120 / 3904	DEF AT -----	DEF AT 1
4240 / 4008	DEF AT cement	DEF AT 0
4330 / 4085	DEF AT -----	POS AT 1
4480 / 4215	DEF AT -----	DEF AT 1
4930 / 4606	DEF AT -----	DEF AT 2
5170 / 4816	DEF AT -----	POS AT 1
5230 / 4868	DEF AT -----	DEF AT 2
5290 / 4921	DEF AT -----	DEF AT 1
5380 / 5000	DEF AT -----	DEF AT 2
5500 / 5106	DEF AT -----	DEF AT 1
5560 / 5158	DEF AT -----	DEF AT 2
5680 / 5264	DEF AT -----	DEF AT 3
5710 / 5291	DEF AT -----	DEF AT 4
5860 / 5423	DEF AT -----	DEF AT 3
5950 / 5501	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6130 / 5658	DEF AT -----	DEF AT 2
6190 / 5710	DEF AT -----	DEF AT 3
6220 / 5736	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6640 / 6096	DEF AT -----	DEF AT 2
6790 / 6224	DEF AT -----	POS AT 2
6880 / 6302	DEF AT -----	DEF AT 1
7240 / 6610	DEF AT -----	POS AT 1
7300 / 6661	DEF AT -----	DEF AT 1

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 26-APR-1979	First Sample Examined: 1240
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 10033
Well Name: 005	Paleo Done By: ECO-PAL	Borehole TVD: 9008
API Well Number: 427094040600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1240 - 10033	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7510 / 6840	POS AT unconformity	POS AT 1
8110 / 7351	DEF AT -----	POS AT 4
8170 / 7402	DEF AT -----	DEF AT 4
8230 / 7452	DEF AT -----	POS AT 3
8770 / 7910	DEF AT -----	DEF AT 2
8800 / 7936	DEF AT -----	DEF AT 1
8830 / 7962	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
9368 / 8429	POS AT fault	DEF AT 0
9369 / 8430	POS AT unconformity	DEF AT 0
9370 / 8431	DEF AT -----	POS AT 1
9700 / 8719	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 1230
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11586
<b>Well Name:</b> A001	<b>Paleo Done By:</b> ECO-PAL	<b>Borehole TVD:</b> 8734
<b>API Well Number:</b> 427094042400	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1230 - 11580	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1590 / 1588	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3600 / 3374	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6690 / 5493	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7020 / 5734	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10920 / 8323	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 18-JUN-1979	First Sample Examined: 1230
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 11586
Well Name: A001	Paleo Done By: ECO-PAL	Borehole TVD: 8734
API Well Number: 427094042400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 1230 - 11580	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 / 1229	DEF AT first sample examined	POS AT 1
1231 / 1230	DEF AT cement	POS AT 1
1290 / 1289	DEF AT faunal change (no faunal increase)	DEF AT 1
1530 / 1529	DEF AT faunal change (no faunal increase)	POS AT 1
1590 / 1588	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
1620 / 1617	DEF AT faunal change (no faunal increase)	DEF AT 1
3390 / 3221	DEF AT faunal change (no faunal increase)	POS AT 1
3510 / 3310	DEF AT unconformity	DEF AT 2
3570 / 3353	DEF AT faunal change (no faunal increase)	DEF AT 3
3600 / 3374	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3840 / 3536	DEF AT local marker (general)	DEF AT 4
4020 / 3656	DEF AT -----	DEF AT 3
4050 / 3676	DEF AT -----	DEF AT 2
4170 / 3759	DEF AT -----	POS AT 3
4230 / 3801	DEF AT -----	DEF AT 2
4530 / 4010	DEF AT -----	DEF AT 0
4590 / 4051	DEF AT sample gap top	DEF AT 0
4620 / 4071	DEF AT sample gap bottom	DEF AT 0
4650 / 4091	DEF AT faunal change (no faunal increase)	DEF AT 3
4770 / 4171	DEF AT faunal change (no faunal increase)	DEF AT 2
4890 / 4250	DEF AT faunal change (no faunal increase)	DEF AT 1
5640 / 4761	DEF AT faunal change (no faunal increase)	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 18-JUN-1979	<b>First Sample Examined:</b> 1230
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11586
<b>Well Name:</b> A001	<b>Paleo Done By:</b> ECO-PAL	<b>Borehole TVD:</b> 8734
<b>API Well Number:</b> 427094042400	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1230 - 11580	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 4782	DEF AT faunal change (no faunal increase)	DEF AT 3
5760 / 4843	DEF AT faunal change (no faunal increase)	DEF AT 2
5790 / 4864	DEF AT faunal change (no faunal increase)	POS AT 1
5820 / 4885	DEF AT faunal change (no faunal increase)	DEF AT 1
5910 / 4947	DEF AT faunal change (no faunal increase)	POS AT 1
6180 / 5133	POS AT unconformity	DEF AT 2
6240 / 5174	DEF AT faunal change (no faunal increase)	POS AT 3
6270 / 5195	DEF AT faunal change (no faunal increase)	DEF AT 3
6300 / 5216	DEF AT faunal change (no faunal increase)	DEF AT 4
6630 / 5450	DEF AT faunal change (no faunal increase)	DEF AT 3
6691 / 5494	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
6870 / 5624	DEF AT faunal change (no faunal increase)	POS AT 3
6960 / 5690	DEF AT faunal change (no faunal increase)	DEF AT 3
7020 / 5734	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7320 / 5956	DEF AT faunal change (no faunal increase)	DEF AT 2
8100 / 6524	DEF AT faunal change (no faunal increase)	DEF AT 1
8250 / 6630	DEF AT faunal change (no faunal increase)	POS AT 2
8280 / 6652	DEF AT faunal change (no faunal increase)	DEF AT 2
8550 / 6841	DEF AT faunal change (no faunal increase)	DEF AT 1
8790 / 7008	DEF AT faunal change (no faunal increase)	POS AT 1
8850 / 7049	DEF AT faunal change (no faunal increase)	POS AT 2
8910 / 7090	DEF AT faunal change (no faunal increase)	DEF AT 3
8940 / 7110	DEF AT faunal change (no faunal increase)	DEF AT 4
9150 / 7250	DEF AT faunal change (no faunal increase)	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 18-JUN-1979	<b>First Sample Examined:</b> 1230
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11586
<b>Well Name:</b> A001	<b>Paleo Done By:</b> ECO-PAL	<b>Borehole TVD:</b> 8734
<b>API Well Number:</b> 427094042400	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1230 - 11580	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9270 / 7330	DEF AT faunal change (no faunal increase)	POS AT 2
9360 / 7388	DEF AT faunal change (no faunal increase)	DEF AT 3
9450 / 7446	POS AT faunal change (no faunal increase)	DEF AT 4
9750 / 7635	POS AT faunal change (no faunal increase)	DEF AT 3
9990 / 7785	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
10440 / 8048	DEF AT poor sample interval top	POS AT 1
10919 / 8322	DEF AT poor sample interval bottom	DEF AT 4
10920 / 8323	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11580 / 8730	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 13-JAN-1981	First Sample Examined: 1200
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9078
Well Name: A002	Paleo Done By: BILL BOULDEN	Borehole TVD: 8998
API Well Number: 427094059700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 1200 - 9074	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF AT 1
1400 / 1400	DEF AT faunal change (no faunal increase)	POS AT 1
1600 / 1600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
1800 / 1800	DEF AT faunal change (no faunal increase)	DEF AT 1
2590 / 2590	DEF AT faunal change (no faunal increase)	POS AT 1
2740 / 2740	DEF AT faunal change (no faunal increase)	DEF AT 1
3040 / 3040	POS AT unconformity	DEF AT 1
3070 / 3070	DEF AT faunal change (no faunal increase)	POS AT 1
3280 / 3280	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
3340 / 3340	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3580 / 3580	DEF AT faunal change (no faunal increase)	POS AT 4
3790 / 3790	DEF AT faunal change (no faunal increase)	DEF AT 4
3880 / 3880	DEF AT faunal change (no faunal increase)	DEF AT 3
4030 / 4030	DEF AT faunal change (no faunal increase)	DEF AT 2
4180 / 4180	DEF AT faunal change (no faunal increase)	POS AT 2
4360 / 4359	DEF AT faunal change (no faunal increase)	POS AT 1
4420 / 4419	DEF AT faunal change (no faunal increase)	DEF AT 1
4570 / 4569	POS AT unconformity	DEF AT 3
4630 / 4628	DEF AT faunal change (no faunal increase)	DEF AT 2
4690 / 4688	DEF AT faunal change (no faunal increase)	DEF AT 3
4840 / 4837	DEF AT unconformity	DEF AT 1
5110 / 5104	POS AT unconformity	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 13-JAN-1981	First Sample Examined: 1200
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9078
Well Name: A002	Paleo Done By: BILL BOULDEN	Borehole TVD: 8998
API Well Number: 427094059700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 1200 - 9074	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5193	DEF AT faunal change (no faunal increase)	DEF AT 2
5230 / 5222	DEF AT faunal change (no faunal increase)	DEF AT 3
5260 / 5252	DEF AT faunal change (no faunal increase)	DEF AT 4
5470 / 5458	DEF AT faunal change (no faunal increase)	DEF AT 3
5530 / 5517	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5860 / 5842	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6040 / 6019	DEF AT faunal change (no faunal increase)	DEF AT 2
6430 / 6400	DEF AT faunal change (no faunal increase)	DEF AT 1
6550 / 6517	DEF AT sample gap top	POS AT 1
6669 / 6633	DEF AT sample gap bottom	POS AT 1
6670 / 6634	DEF AT cement	POS AT 1
6760 / 6721	DEF AT faunal change (no faunal increase)	DEF AT 1
6850 / 6809	POS AT unconformity	DEF AT 4
7240 / 7189	DEF AT faunal change (no faunal increase)	DEF AT 3
7420 / 7365	DEF AT faunal change (no faunal increase)	DEF AT 2
7480 / 7424	DEF AT faunal change (no faunal increase)	DEF AT 1
8170 / 8103	POS AT unconformity	DEF AT 1
8340 / 8271	DEF AT faunal change (no faunal increase)	POS AT 1
8370 / 8300	DEF AT faunal change (no faunal increase)	DEF AT 1
8880 / 8803	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 03-MAR-1981	First Sample Examined: 1200
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 10020
Well Name: A003	Paleo Done By: BILL BOULDEN	Borehole TVD: 8996
API Well Number: 427094061000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10020	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF AT 1
1560 / 1558	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2850 / 2759	DEF AT sample gap top	POS AT 1
4229 / 3931	DEF AT sample gap bottom	POS AT 3
4230 / 3932	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	POS AT 3
4350 / 4034	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4410 / 4086	DEF AT faunal change (no faunal increase)	DEF AT 2
4470 / 4137	POS AT unconformity	DEF AT 2
4620 / 4264	POS AT unconformity	DEF AT 2
4650 / 4289	DEF AT faunal change (no faunal increase)	DEF AT 1
4770 / 4389	DEF AT faunal change (no faunal increase)	DEF AT 2
4950 / 4539	DEF AT faunal change (no faunal increase)	DEF AT 1
5130 / 4691	DEF AT unconformity	DEF AT 4
5250 / 4791	DEF AT faunal change (no faunal increase)	DEF AT 3
5280 / 4816	DEF AT faunal change (no faunal increase)	DEF AT 1
5580 / 5071	DEF AT faunal change (no faunal increase)	DEF AT 2
5730 / 5203	DEF AT faunal change (no faunal increase)	DEF AT 3
5850 / 5310	DEF AT faunal change (no faunal increase)	DEF AT 4
5970 / 5416	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 4
6120 / 5548	DEF AT faunal change (no faunal increase)	DEF AT 3
6180 / 5601	DEF AT faunal change (no faunal increase)	DEF AT 2
6210 / 5627	DEF AT faunal change (no faunal increase)	POS AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 03-MAR-1981	First Sample Examined: 1200
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 10020
Well Name: A003	Paleo Done By: BILL BOULDEN	Borehole TVD: 8996
API Well Number: 427094061000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10020	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6270 / 5679	DEF AT faunal change (no faunal increase)	DEF AT 2
6300 / 5706	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6330 / 5732	DEF AT faunal change (no faunal increase)	DEF AT 3
6510 / 5888	DEF AT faunal change (no faunal increase)	POS AT 2
6630 / 5991	DEF AT faunal change (no faunal increase)	DEF AT 2
6690 / 6043	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	POS AT 2
7050 / 6357	DEF AT faunal change (no faunal increase)	DEF AT 2
7080 / 6384	DEF AT faunal change (no faunal increase)	POS AT 2
7170 / 6463	DEF AT cement	POS AT 2
7470 / 6729	DEF AT faunal change (no faunal increase)	POS AT 3
7620 / 6863	DEF AT faunal change (no faunal increase)	POS AT 2
7680 / 6916	DEF AT faunal change (no faunal increase)	DEF AT 2
7739 / 6969	POS AT unconformity	DEF AT 4
7740 / 6970	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7920 / 7130	DEF AT faunal change (no faunal increase)	DEF AT 3
8190 / 7372	DEF AT faunal change (no faunal increase)	DEF AT 2
8220 / 7399	DEF AT unconformity	POS AT 1
8700 / 7826	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 1
8730 / 7853	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8880 / 7987	DEF AT faunal change (no faunal increase)	DEF AT 1
10020 / 8996	POS AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

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Area Block: HI A 542	Date of Summary: 01-SEP-1981	First Sample Examined: 4050
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 8198
Well Name: A004	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7279
API Well Number: 427094065400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 4050 - 5550	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF AT first sample examined	DEF AT 2
4051 / 4051	POS IN Lower Pleistocene (Calabrian) <i>Stilostomella antillea</i>	DEF AT 2
4140 / 4140	DEF AT faunal change (no faunal increase)	DEF AT 1
4200 / 4200	DEF AT faunal change (no faunal increase)	POS AT 1
4320 / 4320	DEF AT faunal change (no faunal increase)	DEF AT 1
4560 / 4559	POS AT unconformity	POS AT 3
4650 / 4648	DEF AT faunal change (no faunal increase)	DEF AT 3
4770 / 4766	DEF AT faunal change (no faunal increase)	DEF AT 4
4830 / 4824	POS AT unconformity	POS AT 1
4920 / 4911	DEF AT faunal change (no faunal increase)	DEF AT 1
5100 / 5083	DEF AT faunal change (no faunal increase)	POS AT 1
5130 / 5111	DEF AT faunal change (no faunal increase)	DEF AT 1
5190 / 5167	DEF AT faunal change (no faunal increase)	DEF AT 2
5250 / 5222	DEF AT faunal change (no faunal increase)	POS AT 3
5280 / 5250	DEF AT faunal change (no faunal increase)	DEF AT 3
5310 / 5278	DEF AT faunal change (no faunal increase)	DEF AT 4
5550 / 5493	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

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Area Block: HI A 542	Date of Summary: 01-SEP-1981	First Sample Examined: 5310
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 8198
Well Name: A004	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7279
API Well Number: 427094065400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 5310 - 8220	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5310 / 5278	DEF AT first sample examined	DEF AT 4
5370 / 5333	DEF AT faunal change (no faunal increase)	DEF AT 3
5430 / 5387	DEF AT faunal change (no faunal increase)	DEF AT 2
5550 / 5493	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5580 / 5519	DEF AT faunal change (no faunal increase)	DEF AT 3
5940 / 5804	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5970 / 5827	DEF AT faunal change (no faunal increase)	DEF AT 4
6030 / 5872	DEF AT faunal change (no faunal increase)	DEF AT 3
6090 / 5916	DEF AT faunal change (no faunal increase)	DEF AT 4
6210 / 6004	DEF AT faunal change (no faunal increase)	DEF AT 3
6240 / 6026	POS AT unconformity	DEF AT 2
6450 / 6178	DEF AT faunal change (no faunal increase)	DEF AT 1
6960 / 6492	DEF AT faunal change (no faunal increase)	DEF AT 2
6990 / 6510	DEF AT cement	DEF AT 0
7290 / 6696	DEF AT faunal change (no faunal increase)	DEF AT 1
7410 / 6770	DEF AT faunal change (no faunal increase)	POS AT 2
7470 / 6807	DEF AT faunal change (no faunal increase)	DEF AT 3
7500 / 6825	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7530 / 6843	DEF AT faunal change (no faunal increase)	DEF AT 3
7560 / 6861	DEF AT faunal change (no faunal increase)	DEF AT 2
7590 / 6880	POS AT unconformity	DEF AT 4
7800 / 7013	DEF AT faunal change (no faunal increase)	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 01-SEP-1981	<b>First Sample Examined:</b> 5310
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8198
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 7279
<b>API Well Number:</b> 427094065400	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5310 - 8220	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 / 7052	DEF AT faunal change (no faunal increase)	POS AT 3
7890 / 7071	DEF AT faunal change (no faunal increase)	POS AT 2
7980 / 7130	DEF AT faunal change (no faunal increase)	POS AT 1
8010 / 7149	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
8160 / 7252	DEF AT last sample examined	POS AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 27-JUL-1981	First Sample Examined: 4300
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 11421
Well Name: A005	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8198
API Well Number: 427094063600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 4300 - 11410	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3937	DEF AT first sample examined	DEF AT 1
4301 / 3938	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4390 / 3989	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 2
4480 / 4040	DEF AT faunal change (no faunal increase)	DEF AT 2
4600 / 4109	POS AT local marker foram increase	DEF AT 2
4780 / 4212	DEF AT faunal change (no faunal increase)	DEF AT 3
4900 / 4283	DEF AT faunal change (no faunal increase)	DEF AT 2
5170 / 4443	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
5380 / 4567	POS AT unconformity	DEF AT 3
5470 / 4620	DEF AT faunal change (no faunal increase)	DEF AT 2
5680 / 4746	DEF AT faunal change (no faunal increase)	DEF AT 4
5830 / 4840	DEF AT faunal change (no faunal increase)	DEF AT 2
5980 / 4933	DEF AT faunal change (no faunal increase)	DEF AT 1
6130 / 5023	DEF AT faunal change (no faunal increase)	DEF AT 2
6280 / 5111	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 2
6430 / 5197	DEF AT faunal change (no faunal increase)	DEF AT 4
6700 / 5358	DEF AT faunal change (no faunal increase)	DEF AT 3
6790 / 5415	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6970 / 5538	DEF AT faunal change (no faunal increase)	DEF AT 2
7060 / 5599	DEF AT faunal change (no faunal increase)	DEF AT 3
7180 / 5679	POS AT unconformity	DEF AT 3
7240 / 5719	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 27-JUL-1981	First Sample Examined: 4300
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 11421
Well Name: A005	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8198
API Well Number: 427094063600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 4300 - 11410	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 / 5759	DEF AT faunal change (no faunal increase)	DEF AT 4
7480 / 5874	DEF AT faunal change (no faunal increase)	DEF AT 3
8080 / 6235	DEF AT faunal change (no faunal increase)	POS AT 3
8110 / 6253	DEF AT faunal change (no faunal increase)	DEF AT 2
8560 / 6512	DEF AT cement	DEF AT 0
8620 / 6547	DEF AT faunal change (no faunal increase)	POS AT 2
8680 / 6583	DEF AT faunal change (no faunal increase)	POS AT 3
8830 / 6666	DEF AT faunal change (no faunal increase)	DEF AT 0
8920 / 6714	DEF AT faunal change (no faunal increase)	POS AT 2
9010 / 6762	DEF AT faunal change (no faunal increase)	DEF AT 0
9040 / 6778	DEF AT faunal change (no faunal increase)	DEF AT 1
9400 / 6991	DEF AT faunal change (no faunal increase)	POS AT 1
9430 / 7010	POS AT unconformity	DEF AT 2
9460 / 7028	DEF AT faunal change (no faunal increase)	DEF AT 3
9490 / 7047	DEF AT faunal change (no faunal increase)	DEF AT 4
9790 / 7224	DEF AT faunal change (no faunal increase)	DEF AT 3
10060 / 7384	DEF AT faunal change (no faunal increase)	DEF AT 4
10090 / 7403	POS AT unconformity	DEF AT 3
10150 / 7441	DEF AT faunal change (no faunal increase)	POS AT 3
10240 / 7499	DEF AT faunal change (no faunal increase)	DEF AT 2
10300 / 7537	DEF AT faunal change (no faunal increase)	POS AT 3
10450 / 7630	DEF AT faunal change (no faunal increase)	DEF AT 2
10570 / 7702	DEF AT faunal change (no faunal increase)	DEF AT 1
10630 / 7738	DEF AT faunal change (no faunal increase)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 27-JUL-1981	<b>First Sample Examined:</b> 4300
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11421
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 8198
<b>API Well Number:</b> 427094063600	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4300 - 11410	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10690 / 7773	DEF AT faunal change (no faunal increase)	POS AT 1
10810 / 7842	POS AT unconformity	DEF AT 1
10811 / 7842	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
10990 / 7950	DEF AT faunal change (no faunal increase)	DEF AT 0
11350 / 8159	DEF AT faunal change (no faunal increase)	POS AT 1
11410 / 8192	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 10-APR-1981	First Sample Examined: 4320
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9792
Well Name: A006	Paleo Done By: BILL BOULDEN	Borehole TVD: 8406
API Well Number: 427094062100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 4320 - 9790	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 3993	DEF AT first sample examined	DEF AT 2
4440 / 4089	DEF AT -----	DEF AT 2
4560 / 4185	DEF AT -----	DEF AT 1
4830 / 4401	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4920 / 4474	DEF AT -----	DEF AT 3
5040 / 4571	DEF AT -----	DEF AT 2
5280 / 4765	DEF AT -----	DEF AT 3
5400 / 4863	DEF AT -----	DEF AT 2
5640 / 5060	DEF AT -----	DEF AT 1
5820 / 5210	DEF AT -----	DEF AT 2
5880 / 5259	DEF AT -----	DEF AT 3
5910 / 5284	DEF AT -----	DEF AT 4
6060 / 5410	DEF AT -----	DEF AT 3
6090 / 5435	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6420 / 5713	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6630 / 5892	DEF AT -----	DEF AT 2
6780 / 6020	DEF AT -----	DEF AT 1
6840 / 6071	DEF AT -----	DEF AT 2
7350 / 6501	DEF AT -----	DEF AT 0
7410 / 6551	POS AT -----	DEF AT 3
7440 / 6577	DEF AT -----	DEF AT 3
7530 / 6653	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 542	Date of Summary: 10-APR-1981	First Sample Examined: 4320
Lease Number: G02702	Source of Paleo: OPERATOR	Borehole MD: 9792
Well Name: A006	Paleo Done By: BILL BOULDEN	Borehole TVD: 8406
API Well Number: 427094062100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 4320 - 9790	Water Depth: 230
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 6728	DEF AT -----	DEF AT 3
7920 / 6979	DEF AT -----	DEF AT 0
7950 / 7004	DEF AT -----	DEF AT 3
8010 / 7053	DEF AT -----	DEF AT 2
8100 / 7127	DEF AT -----	DEF AT 3
8130 / 7151	POS AT -----	DEF AT 3
8160 / 7175	DEF AT -----	DEF AT 3
8320 / 7300	DEF AT -----	DEF AT 2
8500 / 7434	DEF AT -----	DEF AT 1
8710 / 7587	POS AT -----	DEF AT 1
8920 / 7745	DEF AT -----	DEF AT 2
9130 / 7904	POS AT -----	DEF AT 1
9789 / 8404	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9790 / 8404	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 09-JUL-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9792
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8406
<b>API Well Number:</b> 427094062100	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 / 7246	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 26-MAY-1981	<b>First Sample Examined:</b> 5130
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10609
<b>Well Name:</b> A007	<b>Paleo Done By:</b> BILL BOULDEN	<b>Borehole TVD:</b> 7261
<b>API Well Number:</b> 427094063000	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5130 - 10609	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 4001	DEF AT first sample examined	POS AT 2
5250 / 4080	DEF AT -----	DEF AT 2
5370 / 4160	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5730 / 4389	POS AT unconformity	DEF AT 2
5850 / 4462	DEF AT -----	DEF AT 1
6000 / 4549	DEF AT -----	DEF AT 2
6060 / 4583	DEF AT -----	DEF AT 3
6420 / 4774	DEF AT -----	POS AT 4
6540 / 4836	DEF AT -----	DEF AT 4
6630 / 4884	DEF AT -----	POS AT 4
6690 / 4915	DEF AT -----	DEF AT 4
6930 / 5047	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6990 / 5081	DEF AT -----	DEF AT 3
7500 / 5373	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8400 / 5905	DEF AT -----	DEF AT 2
8520 / 5978	DEF AT -----	DEF AT 3
8640 / 6047	DEF AT -----	DEF AT 2
8700 / 6081	DEF AT cement	DEF AT 0
8730 / 6098	DEF AT -----	POS AT 2
8760 / 6115	DEF AT -----	POS AT 3
8880 / 6181	DEF AT -----	DEF AT 2
9210 / 6355	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 26-MAY-1981	<b>First Sample Examined:</b> 5130
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10609
<b>Well Name:</b> A007	<b>Paleo Done By:</b> BILL BOULDEN	<b>Borehole TVD:</b> 7261
<b>API Well Number:</b> 427094063000	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5130 - 10609	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9750 / 6665	DEF AT -----	POS AT 1
9780 / 6682	POS AT unconformity	DEF AT 1
9810 / 6699	DEF AT -----	POS AT 2
9840 / 6717	DEF AT -----	DEF AT 1
9930 / 6773	DEF AT -----	POS AT 1
9990 / 6813	DEF AT -----	DEF AT 3
10050 / 6854	DEF AT -----	DEF AT 4
10170 / 6940	DEF AT -----	DEF AT 3
10200 / 6962	DEF AT -----	DEF AT 2
10230 / 6984	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 542	<b>Date of Summary:</b> 26-OCT-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02702	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8615
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8601
<b>API Well Number:</b> 427094091600	<b>Drilling Operator:</b> HALL-HOUSTON OIL COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 03-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8438 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 546	Date of Summary: 16-MAY-1975	First Sample Examined: 1000
Lease Number: G02779	Source of Paleo: OPERATOR	Borehole MD: 10409
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10409
API Well Number: 427094009200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10416	Water Depth: 244
Public Info Code: Y 05-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 3
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4980 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6910 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8800 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
10120 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10416 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 548	<b>Date of Summary:</b> 07-MAY-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02706	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8142
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5400
<b>API Well Number:</b> 427094045001	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 25-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 4521	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 550	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: G04081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11160
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10510
API Well Number: 427094062700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 273
Public Info Code: Y 29-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 / 1630	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3010 / 3010	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5650 / 5517	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6820 / 6589	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11020 / 10387	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 550	<b>Date of Summary:</b> 19-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04081	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10853
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9978
<b>API Well Number:</b> 427094063700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 273
<b>Public Info Code:</b> Y 01-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 / 1985	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3370 / 3175	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7507 / 6820	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9970 / 9105	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 550	Date of Summary: 06-MAY-1981	First Sample Examined: 0
Lease Number: G04081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11025
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427094057000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 04-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1660 / 1660	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3010 / 3010	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6700 / 5907	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7780 / 6705	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10960 / 8961	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 550	Date of Summary: 19-MAY-1983	First Sample Examined: 0
Lease Number: G04081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13030
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9988
API Well Number: 427094074100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 278
Public Info Code: Y 30-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 / 1750	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3760 / 3488	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10060 / 7978	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11440 / 8931	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 550	Date of Summary: 28-MAY-1986	First Sample Examined: 0
Lease Number: G04081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5743
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 3496
API Well Number: 427094076000	Drilling Operator: TEXAS EASTERN EXPLORATION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 26-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2320 / 1802	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3670 / 2368	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 551	Date of Summary: 23-OCT-1978	First Sample Examined: 334
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9456
API Well Number: 427094037600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 334 - 9500	Water Depth: 234
Public Info Code: Y 17-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
334 / 334	DEF AT first sample examined	DEF IN 3
1720 / 1720	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2920 / 2920	DEF AT sample gap top	POS AT 3
3829 / 3829	DEF AT sample gap bottom	DEF AT 5
3830 / 3830	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 5
5390 / 5389	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7310 / 7309	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9500 / 9457	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 551	<b>Date of Summary:</b> 12-FEB-1982	<b>First Sample Examined:</b> 1460
<b>Lease Number:</b> G03757	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8279
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8279
<b>API Well Number:</b> 427094069000	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1460 - 8279	<b>Water Depth:</b> 234
<b>Public Info Code:</b> Y 09-MAR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1460 /	DEF AT first sample examined	DEF IN 3
1880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3950 /	DEF AT -----	DEF AT 5
5690 /	DEF AT -----	DEF AT 4
8279 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 551	<b>Date of Summary:</b> 07-JUN-1982	<b>First Sample Examined:</b> 1460
<b>Lease Number:</b> G03757	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8279
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8279
<b>API Well Number:</b> 427094069000	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1460 - 8279	<b>Water Depth:</b> 234
<b>Public Info Code:</b> Y 09-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1460 /	DEF AT first sample examined	DEF IN 3
1880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3950 /	DEF AT -----	DEF AT 5
5690 /	DEF AT -----	DEF AT 4
8279 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 551	Date of Summary: 20-JUN-1983	First Sample Examined: 1000
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9999
API Well Number: 427094076100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9990	Water Depth: 274
Public Info Code: Y 16-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1510 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1810 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
1900 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2170 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3490 /	DEF AT cement	POS AT 3
3940 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4600 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5170 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5770 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6520 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6610 /	DEF AT sample gap top	POS AT 4
6760 /	DEF AT sample gap bottom	DEF AT 4
6909 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6910 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7420 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7660 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8770 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8949 /	DEF AT gouge	DEF AT 6
8950 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9990 /	DEF AT last sample examined	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 551	<b>Date of Summary:</b> 20-JAN-1983	<b>First Sample Examined:</b> 6610
<b>Lease Number:</b> G03757	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9350
<b>Well Name:</b> 004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8342
<b>API Well Number:</b> 427094076101	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6610 - 9300	<b>Water Depth:</b> 274
<b>Public Info Code:</b> Y 17-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6610 / 6610	DEF AT first sample examined	DEF AT 2
8460 / 7903	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9300 / 8164	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 551	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G03757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8342
API Well Number: 427094076101	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 17-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8460 / 7903	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 551	Date of Summary: 10-AUG-1983	First Sample Examined: 0
Lease Number: G03757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9323
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8176
API Well Number: 427094076102	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 05-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6838	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7410 / 7352	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 552	Date of Summary: 07-NOV-1980	First Sample Examined: 1026
Lease Number: G03949	Source of Paleo: OPERATOR	Borehole MD: 5180
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5180
API Well Number: 427094046100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1026 - 5150	Water Depth: 284
Public Info Code: Y 14-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1026 / 1026	DEF AT first sample examined	DEF AT 2
1810 / 1810	POS AT Holocene recent fauna	DEF AT 5
1811 / 1811	POS AT Pleistocene	DEF AT 5
2320 / 2320	DEF AT -----	DEF AT 3
3530 /	DEF AT -----	DEF AT 4
3650 /	DEF AT -----	DEF AT 3
4790 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5150 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 552	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G03949	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5180
API Well Number: 427094046100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 284
Public Info Code: Y 14-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1010 / 1010	POS AT Upper Pleistocene	DEF AT 0
4790 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 552	Date of Summary: 19-NOV-1980	First Sample Examined: 1090
Lease Number: G03949	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6000
API Well Number: 427094058800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1090 - 5960	Water Depth: 256
Public Info Code: Y 05-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1090 / 1090	DEF AT first sample examined	DEF AT 2
1570 / 1570	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4590 / 4590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5960 / 5960	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 552	Date of Summary: 06-MAY-1982	First Sample Examined: 1000
Lease Number: G03949	Source of Paleo: OPERATOR	Borehole MD: 5927
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4406
API Well Number: 427094071200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5910	Water Depth: 262
Public Info Code: Y 19-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 965	DEF AT first sample examined	POS AT 3
1020 / 983	DEF AT faunal change (no faunal increase)	DEF AT 3
1890 / 1640	DEF AT faunal change (no faunal increase)	DEF AT 4
2240 / 1885	DEF AT sample gap top	POS AT 4
2279 / 1913	DEF AT sample gap bottom	DEF AT 4
2280 / 1913	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2490 / 2062	DEF AT faunal change (no faunal increase)	DEF AT 3
2970 / 2390	DEF AT faunal change (no faunal increase)	DEF AT 4
3180 / 2532	DEF AT faunal change (no faunal increase)	DEF AT 3
4710 / 3567	DEF AT faunal change (no faunal increase)	DEF AT 4
5040 / 3795	DEF AT faunal change (no faunal increase)	DEF AT 3
5880 / 4374	DEF AT faunal change (no faunal increase)	DEF AT 4
5910 / 4395	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 552	<b>Date of Summary:</b> 15-JUL-1982	<b>First Sample Examined:</b> 3810
<b>Lease Number:</b> G03949	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6859
<b>Well Name:</b> A002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4577
<b>API Well Number:</b> 427094072100	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3810 - 6840	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 24-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 / 2816	DEF AT first sample examined	DEF AT 3
4500 / 3199	DEF AT -----	DEF AT 2
5400 / 3755	DEF AT -----	DEF AT 4
5700 / 3944	DEF AT -----	DEF AT 3
6480 / 4376	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6840 / 4570	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 552	<b>Date of Summary:</b> 15-JUL-1982	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G03949	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8020
<b>Well Name:</b> A003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5773
<b>API Well Number:</b> 427094071900	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1000 - 7990	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 05-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 977	DEF AT first sample examined	DEF AT 2
1810 / 1680	DEF AT -----	DEF AT 4
2230 / 1974	POS IN Pleistocene	DEF AT 4
2560 / 2192	DEF AT -----	DEF AT 3
3550 / 2816	DEF AT -----	DEF AT 0
3880 / 3042	DEF AT -----	DEF AT 2
4810 / 3643	DEF AT -----	DEF AT 3
6100 / 4501	DEF AT -----	DEF AT 4
6400 / 4699	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6580 / 4818	DEF AT -----	DEF AT 3
7990 / 5763	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 552	<b>Date of Summary:</b> 20-MAY-1982	<b>First Sample Examined:</b> 1060
<b>Lease Number:</b> G03949	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6287
<b>Well Name:</b> A005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4424
<b>API Well Number:</b> 427094071800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1060 - 6250	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 07-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1012	DEF AT first sample examined	DEF AT 2
1870 / 1609	DEF AT -----	DEF AT 4
1990 / 1691	DEF AT -----	DEF AT 3
2320 / 1915	DEF AT sample gap top	DEF AT 0
2349 / 1935	DEF AT sample gap bottom	DEF AT 0
2350 / 1936	POS IN Pleistocene	DEF AT 4
2560 / 2078	DEF AT -----	DEF AT 3
4180 / 3146	DEF AT -----	DEF AT 2
4510 / 3349	DEF AT -----	DEF AT 3
4990 / 3645	DEF AT -----	DEF AT 4
5110 / 3718	DEF AT -----	DEF AT 3
5620 / 4016	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5710 / 4068	DEF AT -----	DEF AT 3
6250 / 4400	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 552	Date of Summary: 14-FEB-1990	First Sample Examined: 0
Lease Number: G03949	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6287
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4424
API Well Number: 427094071800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 261
Public Info Code: Y 07-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 / 1936	POS IN Pleistocene	DEF AT 0
5620 / 4016	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 552	<b>Date of Summary:</b> 15-JUL-1982	<b>First Sample Examined:</b> 3400
<b>Lease Number:</b> G03949	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5930
<b>Well Name:</b> A006	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4600
<b>API Well Number:</b> 427094072600	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3400 - 5920	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 07-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3112	DEF AT first sample examined	DEF AT 3
3880 / 3474	DEF AT -----	DEF AT 2
4750 / 4094	DEF AT -----	DEF AT 4
4930 / 4221	DEF AT -----	DEF AT 3
5260 / 4453	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5920 / 4919	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 552	<b>Date of Summary:</b> 15-MAR-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03949	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5930
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4600
<b>API Well Number:</b> 427094072600	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 262
<b>Public Info Code:</b> Y 07-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5260 / 4453	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

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Area Block: HI A 555	Date of Summary: 15-OCT-1979	First Sample Examined: 4430
Lease Number: G02384	Source of Paleo: OPERATOR	Borehole MD: 10808
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7271
API Well Number: 427094046800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 4430 - 10800	Water Depth: 260
Public Info Code: Y 21-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 3237	DEF AT first sample examined	DEF IN 3
5420 / 3859	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
10800 / 7236	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 555	Date of Summary: 15-OCT-1979	First Sample Examined: 3270
Lease Number: G02384	Source of Paleo: OPERATOR	Borehole MD: 6121
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6050
API Well Number: 427094047700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 3270 - 6123	Water Depth: 260
Public Info Code: Y 10-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 / 3201	DEF AT first sample examined	DEF IN 3
3330 / 3261	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3510 / 3440	DEF AT faunal change (no faunal increase)	DEF AT 3
3980 / 3910	DEF AT faunal change (no faunal increase)	DEF AT 4
4640 / 4570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6123 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 555	<b>Date of Summary:</b> 25-JUN-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02384	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6920
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6020
<b>API Well Number:</b> 427094053600	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 13-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 5530	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6683 / 5816	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 557	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03484	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4520
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4520
<b>API Well Number:</b> 427094036300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 209
<b>Public Info Code:</b> Y 17-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4060 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary:	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8571
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8452
API Well Number: 427094038800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 15-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4090 / 4090	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4630 / 4630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5050 / 5050	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6940 / 6898	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 24-MAR-1980	First Sample Examined: 1000
Lease Number: G03484	Source of Paleo: OPERATOR	Borehole MD: 8058
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8056
API Well Number: 427094040200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 3	Sample Range: 1000 - 8055	Water Depth: 211
Public Info Code: Y 22-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 0
1030 / 1030	DEF AT -----	DEF IN 3
1750 / 1750	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3940 / 3939	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4300 / 4299	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4840 / 4838	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5410 / 5408	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6640 / 6638	DEF AT -----	DEF AT 5
7780 / 7778	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7975 / 7973	DEF AT -----	DEF AT 6
8055 / 8053	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 20-MAY-1980	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8058
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8056
API Well Number: 427094040200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 211
Public Info Code: Y 22-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 / 1750	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4300 / 4299	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4840 / 4838	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
5410 / 5408	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7770 / 7768	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 21-FEB-1983	First Sample Examined: 1000
Lease Number: G03484	Source of Paleo: OPERATOR	Borehole MD: 8058
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8056
API Well Number: 427094040200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 86
Paleo Report Num: 3 of 3	Sample Range: 1000 - 8005	Water Depth: 211
Public Info Code: Y 22-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT poor sample interval top	DEF AT 0
1359 / 1359	DEF AT poor sample interval bottom	DEF AT 0
1360 / 1360	DEF AT -----	DEF AT 4
1540 / 1540	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
1570 / 1570	DEF AT -----	DEF AT 3
2050 / 2050	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
2350 / 2350	DEF AT -----	DEF AT 3
3910 / 3909	DEF AT -----	DEF AT 4
4000 / 3999	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
4150 / 4149	DEF AT -----	DEF AT 4
4390 / 4389	DEF AT -----	DEF AT 3
4780 / 4778	DEF AT -----	DEF AT 4
4840 / 4838	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5380 / 5378	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6010 / 6008	DEF AT -----	DEF AT 3
6340 / 6338	DEF AT -----	DEF AT 4
6610 / 6608	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7120 / 7118	DEF AT local marker foram increase	DEF AT 5
7780 / 7778	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
7781 / 7779	DEF AT local marker deep water fauna	DEF AT 6
8005 / 8003	DEF IN local marker deep water fauna	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 12-OCT-1983	First Sample Examined: 1300
Lease Number: G03484	Source of Paleo: OPERATOR	Borehole MD: 8378
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7202
API Well Number: 427094077500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 1300 - 8350	Water Depth: 215
Public Info Code: Y 13-NOV-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	DEF AT first sample examined	DEF AT 2
1810 / 1807	DEF AT -----	DEF AT 3
2200 / 2182	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2590 / 2545	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2860 / 2784	DEF AT -----	DEF AT 4
3730 / 3463	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5350 / 4740	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6250 / 5473	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6700 / 5840	DEF AT -----	DEF AT 3
7390 / 6388	DEF AT -----	DEF AT 4
7570 / 6531	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7630 / 6579	DEF AT -----	DEF AT 5
7690 / 6627	DEF AT -----	DEF AT 6
7840 / 6747	DEF AT -----	DEF AT 5
8050 / 6921	DEF AT local marker foram increase	DEF AT 5
8051 / 6922	DEF AT Arenaceous fauna (local marker)	DEF AT 5
8170 / 7022	DEF AT drilling material	DEF AT 0
8350 / 7178	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 02-NOV-1983	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8378
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 7202
API Well Number: 427094077500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 13-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2200 / 2182	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2590 / 2545	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
3730 / 3463	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5350 / 4740	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6250 / 5473	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7970 / 6854	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 13-MAR-1985	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8130
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 6494
API Well Number: 427094078300	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 17-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2200 / 2194	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2960 / 2911	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
3610 / 3452	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5370 / 4699	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
5428 / 4739	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
5765 / 4975	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
5890 / 5064	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6228 / 5298	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6716 / 5605	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7720 / 6232	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 26-OCT-1982	First Sample Examined: 1000
Lease Number: G03484	Source of Paleo: OPERATOR	Borehole MD: 9728
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7397
API Well Number: 427094073000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 1000 - 9670	Water Depth: 224
Public Info Code: Y 13-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 4
1660 / 1650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2170 / 2118	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4510 / 3800	DEF AT sample gap top	DEF AT 0
4959 / 4132	DEF AT sample gap bottom	DEF AT 0
4960 / 4133	DEF AT -----	DEF AT 4
5020 / 4177	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5620 / 4611	DEF AT -----	DEF AT 3
5920 / 4821	DEF AT -----	DEF AT 4
6250 / 5047	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7240 / 5700	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8230 / 6385	DEF AT -----	DEF AT 5
8440 / 6523	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9670 / 7357	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 557	<b>Date of Summary:</b> 27-JUN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03484	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9728
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7397
<b>API Well Number:</b> 427094073000	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 13-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1660 / 1650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2200 / 2144	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5020 / 4177	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6250 / 5047	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8840 / 6787	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 30-NOV-1982	First Sample Examined: 2550
Lease Number: G03484	Source of Paleo: OPERATOR	Borehole MD: 8584
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7482
API Well Number: 427094073400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 2	Sample Range: 2550 - 8550	Water Depth: 224
Public Info Code: Y 28-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2550 / 2434	DEF AT first sample examined	DEF AT 2
2551 / 2435	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4260 / 3901	DEF AT faunal change (no faunal increase)	DEF AT 4
4470 / 4074	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4740 / 4293	DEF AT faunal change (no faunal increase)	DEF AT 3
5370 / 4791	DEF AT faunal change (no faunal increase)	DEF AT 4
5758 / 5090	DEF AT condensed section	DEF AT 4
5759 / 5090	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5760 / 5091	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6180 / 5408	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8550 / 7450	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 23-APR-1990	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8584
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7482
API Well Number: 427094073400	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 111
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 28-NOV-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4074	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5760 / 5091	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7450 / 6415	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7780 / 6716	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 557	Date of Summary: 11-SEP-1997	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9620
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6969
API Well Number: 427094077300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 12-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 4989	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7400 / 5561	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9050 / 6561	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 560	Date of Summary: 23-AUG-1990	First Sample Examined: 0
Lease Number: G09134	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8420
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8152
API Well Number: 427094091900	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 259
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6421	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8490 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 561	<b>Date of Summary:</b> 11-MAY-1979	<b>First Sample Examined:</b> 1490
<b>Lease Number:</b> G02712	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11775
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9250
<b>API Well Number:</b> 427094039700	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 1490 - 7250	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 02-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1490 / 1490	DEF AT first sample examined	DEF IN 4
1730 / 1729	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2090 / 2089	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4610 / 4386	DEF AT - - - - -	DEF AT 4
5300 / 4861	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7160 / 6142	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7250 / 6199	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 11-MAY-1979	First Sample Examined: 6780
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 11775
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9250
API Well Number: 427094039700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 6780 - 11844	Water Depth: 250
Public Info Code: Y 02-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 5894	DEF AT first sample examined	DEF IN 5
7170 / 6148	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7290 / 6225	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8430 / 6957	DEF AT sample gap top	DEF AT 0
9720 / 7771	DEF AT sample gap bottom	DEF AT 0
11640 / 9149	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11844 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 11-MAY-1979	First Sample Examined: 10492
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 11775
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9250
API Well Number: 427094039700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 10492 - 11770	Water Depth: 250
Public Info Code: Y 02-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10492 / 8292	DEF AT first sample examined	DEF AT 0
11770 / 9246	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 561	<b>Date of Summary:</b> 18-JUN-1979	<b>First Sample Examined:</b> 3240
<b>Lease Number:</b> G02712	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10219
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9230
<b>API Well Number:</b> 427094041000	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3240 - 10219	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3178	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4740 / 4401	DEF AT - - - - -	DEF AT 4
5310 / 4896	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7470 / 6809	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10219 / 9230	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 19-SEP-1979	First Sample Examined: 3000
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 9590
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9015
API Well Number: 427094041700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9590	Water Depth: 250
Public Info Code: Y 15-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 2999	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3120 / 3119	DEF AT -----	DEF AT 5
3300 / 3299	DEF AT -----	DEF AT 4
4920 / 4890	DEF AT -----	DEF AT 5
4950 / 4918	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5280 / 5218	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6510 / 6277	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7040 / 6736	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9290 / 8744	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9590 / 9016	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 01-AUG-1979	First Sample Examined: 3367
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 8600
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8307
API Well Number: 427094044600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3367 - 8600	Water Depth: 250
Public Info Code: Y 26-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3367 / 3194	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5040 / 4770	DEF AT - - - - -	DEF AT 4
5130 / 4858	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7920 / 7628	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8580 / 8287	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8600 / 8307	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 20-AUG-1979	First Sample Examined: 3120
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 9070
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8900
API Well Number: 427094046300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3120 - 9070	Water Depth: 250
Public Info Code: Y 17-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3120 / 3083	DEF AT first sample examined	DEF IN 3
3210 / 3166	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5040 / 4892	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6930 / 6769	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7800 / 7636	DEF AT sample gap top	DEF AT 0
8570 / 8403	DEF AT sample gap bottom	DEF AT 0
8790 / 8622	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9070 / 8901	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 561	<b>Date of Summary:</b> 27-NOV-1979	<b>First Sample Examined:</b> 6640
<b>Lease Number:</b> G02712	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9250
<b>Well Name:</b> A008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8454
<b>API Well Number:</b> 427094047900	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6640 - 9250	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 01-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6640 / 5908	DEF AT first sample examined	DEF IN 5
8950 / 8152	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9250 / 8452	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 26-DEC-1979	First Sample Examined: 6440
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 8175
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7465
API Well Number: 427094049900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 6440 - 8150	Water Depth: 250
Public Info Code: Y 20-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 / 5923	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6920 / 6346	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7790 / 7122	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8150 / 7443	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 27-NOV-1979	First Sample Examined: 6112
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 9060
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8903
API Well Number: 427094050500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 6112 - 9060	Water Depth: 250
Public Info Code: Y 26-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6112 / 6007	DEF AT cement	DEF AT 0
6130 / 6024	DEF AT -----	DEF IN 5
6490 / 6373	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8440 / 8309	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8590 / 8459	DEF AT -----	DEF AT 6
9060 / 8928	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 561	<b>Date of Summary:</b> 01-FEB-1980	<b>First Sample Examined:</b> 6740
<b>Lease Number:</b> G02712	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10285
<b>Well Name:</b> A012	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9303
<b>API Well Number:</b> 427094052600	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6740 - 10280	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 18-FEB-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6740 / 6023	DEF AT first sample examined	DEF IN 5
7730 / 6918	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10280 / 9307	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 05-MAR-1980	First Sample Examined: 7182
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 9065
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7545
API Well Number: 427094051800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7182 - 9005	Water Depth: 250
Public Info Code: Y 01-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7182 / 5942	DEF AT first sample examined	DEF IN 4
7550 / 6259	DEF AT - - - - -	DEF AT 5
7820 / 6493	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9005 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 561	Date of Summary: 15-FEB-1980	First Sample Examined: 7000
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 10095
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9303
API Well Number: 427094052601	Drilling Operator: AMINOIL INC.	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 7000 - 10090	Water Depth: 250
Public Info Code: Y 05-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6255	DEF AT first sample examined	DEF IN 4
7090 / 6336	DEF AT - - - - -	DEF AT 5
7120 / 6364	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9790 / 9005	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10090 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 562	<b>Date of Summary:</b> 21-JUL-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10299	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9003
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8111
<b>API Well Number:</b> 427094096700	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 307
<b>Public Info Code:</b> Y 31-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2570 / 2570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7610 / 7033	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7970 / 7308	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 03-MAY-1978	<b>First Sample Examined:</b> 990
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10906
<b>Well Name:</b> B001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10536
<b>API Well Number:</b> 427094029900	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 990 - 6360	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 30-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
990 / 990	DEF AT first sample examined	DEF IN 3
1460 / 1460	DEF AT faunal change (no faunal increase)	DEF AT 4
2020 / 2020	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
2640 / 2640	DEF AT faunal change (no faunal increase)	DEF AT 4
4560 / 4559	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6360 / 6353	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 03-MAY-1978	First Sample Examined: 6360
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 10906
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10536
API Well Number: 427094029900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 6360 - 10906	Water Depth: 305
Public Info Code: Y 30-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 / 6353	DEF AT first sample examined	DEF IN 3
7950 / 7864	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9030 / 8838	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10906 / 10537	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 13-NOV-1978	First Sample Examined: 1670
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 10634
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9986
API Well Number: 427094037100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 1670 - 10634	Water Depth: 305
Public Info Code: Y 08-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1670 / 1658	DEF AT first sample examined	DEF IN 2
1790 / 1769	DEF AT faunal change (no faunal increase)	DEF AT 3
1940 / 1906	DEF AT faunal change (no faunal increase)	DEF AT 4
2090 / 2044	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
3140 / 3001	DEF AT faunal change (no faunal increase)	DEF AT 4
4400 / 4150	DEF AT faunal change (no faunal increase)	DEF AT 5
4790 / 4506	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8510 / 7957	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9110 / 8525	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9410 / 8810	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10370 / 9730	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10550 / 9904	DEF AT faunal change (no faunal increase)	DEF AT 6
10634 / 9986	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 17-JAN-1979	First Sample Examined: 3900
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9787
API Well Number: 427094038900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3900 - 11600	Water Depth: 305
Public Info Code: Y 13-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3609	DEF AT first sample examined	DEF IN 4
4740 / 4306	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7200 / 6204	DEF AT faunal change (no faunal increase)	DEF AT 5
10920 / 9213	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11370 / 9597	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11600 / 9787	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 01-OCT-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12498
<b>Well Name:</b> B009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9198
<b>API Well Number:</b> 427094039600	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 21-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5930 / 4665	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10220 / 7673	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11540 / 8551	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 20-OCT-2000	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8581
<b>Well Name:</b> B010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5952
<b>API Well Number:</b> 427094040000	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 24-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 3995	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 20-FEB-1997	First Sample Examined: 0
Lease Number: G02388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11219
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 9413
API Well Number: 427094043500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 26-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 4432	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8420 / 7127	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9200 / 7746	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10970 / 9220	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11060 / 9291	DEF AT local marker deep water fauna	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 23-JUL-1979	<b>First Sample Examined:</b> 8020
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12028
<b>Well Name:</b> B013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11634
<b>API Well Number:</b> 427094040501	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8020 - 12029	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 18-AUG-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 7694	DEF AT first sample examined	DEF IN 5
8830 / 8473	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11650 / 11256	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12029 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 22-OCT-1984	First Sample Examined: 0
Lease Number: G02388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10804
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 10264
API Well Number: 427094048000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 01-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4260 / 3929	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10550 /10011	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10860 /10319	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 12-SEP-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10724
<b>Well Name:</b> B016	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10621
<b>API Well Number:</b> 427094048100	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 25-NOV-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4628	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7850 / 7740	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10520 / 10384	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 10-OCT-1996	First Sample Examined: 0
Lease Number: G02388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8694
Well Name: B017	Paleo Done By: OPERATOR	Borehole TVD: 7421
API Well Number: 427094045801	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 10-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8170 / 6929	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 17-JUN-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11141
<b>Well Name:</b> B020	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10797
<b>API Well Number:</b> 427094053100	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 11-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 5128	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9080 / 8679	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9380 / 8979	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 22-MAY-1997	First Sample Examined: 0
Lease Number: G02388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10030
Well Name: B024	Paleo Done By: OPERATOR	Borehole TVD: 6478
API Well Number: 427094056600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 17-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7120 / 5302	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11215 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 08-JAN-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13020
<b>Well Name:</b> B026	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5691
<b>API Well Number:</b> 427094066800	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 20-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11560 / 5236	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 563	<b>Date of Summary:</b> 28-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11238
<b>Well Name:</b> B027	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10999
<b>API Well Number:</b> 427094068100	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 28-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4810 / 4669	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7960 / 7722	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9220 / 8982	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 563	Date of Summary: 05-JUL-1978	First Sample Examined: 1750
Lease Number: G02389	Source of Paleo: OPERATOR	Borehole MD: 10448
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6800
API Well Number: 427094031500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 1750 - 10420	Water Depth: 305
Public Info Code: Y 15-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1750 / 1657	DEF AT first sample examined	DEF IN 4
2050 / 1893	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
2710 / 2308	DEF AT faunal change (no faunal increase)	DEF AT 4
6130 / 4114	DEF AT faunal change (no faunal increase)	DEF AT 5
6250 / 4179	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8380 / 5375	DEF AT sample gap top	POS AT 5
9040 / 5785	DEF AT sample gap bottom	DEF AT 5
10420 / 6780	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 566	<b>Date of Summary:</b> 23-DEC-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06239	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10186
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10183
<b>API Well Number:</b> 427094084700	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 297
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT -----	DEF AT 4
5460 /	DEF AT -----	DEF AT 5
5610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5670 /	DEF AT -----	DEF AT 4
10180 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary:	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8210
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8209
API Well Number: 427094009000	Drilling Operator: QUINTANA PETROLEUM CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2531 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5360 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5760 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
6230 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
7810 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary:	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8836
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7597
API Well Number: 427094009001	Drilling Operator: QUINTANA PETROLEUM CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2531 / 2531	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5768 / 5347	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6170 / 5630	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
6710 / 6012	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 27-JUN-1979	<b>First Sample Examined:</b> 7020
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10446
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10400
<b>API Well Number:</b> 427094043600	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7020 - 10440	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 / 7019	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7740 / 7739	DEF AT - - - - -	DEF AT 5
9330 / 9320	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10440 / 10403	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 17-AUG-1979	First Sample Examined: 4990
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 8659
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7993
API Well Number: 427094045300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4990 - 8650	Water Depth: 312
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4939	DEF AT first sample examined	DEF IN 3
5140 / 5076	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8620 /	DEF AT -----	DEF AT 4
8650 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 27-JAN-1981	<b>First Sample Examined:</b> 4870
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7280
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5430
<b>API Well Number:</b> 427094059900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4870 - 7270	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4870 / 4039	DEF AT first sample examined	DEF IN 3
5800 / 4558	DEF AT - - - - -	DEF AT 4
5980 / 4659	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7270 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7280
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5430
API Well Number: 427094059900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 4659	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 24-FEB-1981	<b>First Sample Examined:</b> 4600
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7515
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7319
<b>API Well Number:</b> 427094061200	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4600 - 7510	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4514	DEF AT first sample examined	DEF IN 3
5170 / 5060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7510 / 7315	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7515
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7319
API Well Number: 427094061200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 13-APR-1981	First Sample Examined: 4710
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 10966
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9597
API Well Number: 427094062200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 4710 - 10950	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4710 / 4710	DEF AT first sample examined	DEF IN 3
5760 / 5756	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7470 / 7202	DEF AT -----	DEF AT 4
7560 / 7272	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7620 / 7320	DEF AT -----	DEF AT 5
9060 / 8427	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10950 / 9590	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 18-MAY-1981	<b>First Sample Examined:</b> 3900
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6750
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4857
<b>API Well Number:</b> 427094062900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3900 - 6720	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3021	DEF AT first sample examined	DEF IN 2
3990 / 3080	DEF AT -----	DEF IN 4
4260 / 3259	DEF AT -----	DEF AT 3
6240 / 4542	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6330 / 4598	DEF AT -----	DEF AT 5
6720 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6750
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 4857
API Well Number: 427094062900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6240 / 4542	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 17-JUN-1981	First Sample Examined: 4660
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 7947
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7783
API Well Number: 427094063800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4660 - 7930	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 / 4498	DEF AT cement	DEF AT 0
4720 / 4558	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7720 / 7555	DEF AT -----	DEF AT 4
7930 / 7765	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7947
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7783
API Well Number: 427094063800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4720 / 4558	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 29-JUN-1981	<b>First Sample Examined:</b> 4050
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7102
<b>Well Name:</b> A006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4515
<b>API Well Number:</b> 427094064700	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4050 - 7080	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 3079	DEF AT first sample examined	DEF IN 3
5160 / 3577	DEF AT - - - - -	DEF AT 4
6450 / 4171	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7080 / 4503	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 20-APR-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7102
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4515
API Well Number: 427094064700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 4171	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 22-JUL-1981	First Sample Examined: 5380
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 9050
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7605
API Well Number: 427094065100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 5380 - 9090	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5380 / 4768	DEF AT cement	DEF AT 0
5530 / 4880	DEF AT -----	DEF IN 3
5980 / 5223	DEF AT -----	DEF AT 4
6790 / 5835	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9090 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9050
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7605
API Well Number: 427094065100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 5835	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 29-OCT-1981	First Sample Examined: 3930
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 6850
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5505
API Well Number: 427094065300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 2	Sample Range: 3930 - 6870	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 2835	DEF AT first sample examined	DEF IN 4
6060 / 4728	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6870 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6850
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5505
API Well Number: 427094065300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 4728	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 17-AUG-1981	First Sample Examined: 4400
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 8546
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7979
API Well Number: 427094065500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 2	Sample Range: 4400 - 8540	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 3983	DEF AT first sample examined	DEF IN 4
5360 / 4830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8540 / 7973	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8546
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7979
<b>API Well Number:</b> 427094065500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5360 / 4830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 18-JAN-1981	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9550
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 7152
API Well Number: 427094066000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 5742	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 567	<b>Date of Summary:</b> 24-SEP-1981	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G02715	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9550
<b>Well Name:</b> A011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7152
<b>API Well Number:</b> 427094066000	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 5000 - 6350	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 27-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 3909	DEF AT first sample examined	DEF IN 3
6350 / 4856	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 24-SEP-1981	First Sample Examined: 5410
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 9550
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7152
API Well Number: 427094066000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 3 of 3	Sample Range: 5410 - 9550	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5410 / 4191	DEF AT first sample examined	DEF AT 0
7360 / 5570	DEF AT - - - - -	DEF AT 4
7600 / 5742	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9550 / 7152	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 09-NOV-1981	First Sample Examined: 3880
Lease Number: G02715	Source of Paleo: OPERATOR	Borehole MD: 8253
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7252
API Well Number: 427094067600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 1 of 2	Sample Range: 3880 - 8260	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 / 3402	DEF AT cement	DEF AT 0
4090 / 3572	DEF AT - - - - -	DEF IN 4
5470 / 4675	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8260 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 567	Date of Summary: 19-MAR-1982	First Sample Examined: 0
Lease Number: G02715	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8253
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 7252
API Well Number: 427094067600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 111
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 4675	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 568 <b>Lease Number:</b> G02716 <b>Well Name:</b> 003 <b>API Well Number:</b> 427094011800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-APR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7992 <b>Borehole TVD:</b> 7992 <b>Rkb Elevation:</b> 72 <b>Water Depth:</b> 275 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1780 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8000
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 427094015300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 275
<b>Public Info Code:</b> Y 01-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1680 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary:	First Sample Examined: 0
Lease Number: G02716	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5200
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 427094033500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 276
Public Info Code: Y 26-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1520 / 1520	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4640 / 4633	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11310
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9379
<b>API Well Number:</b> 427094049000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 09-MAR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 4488	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
9380 / 7474	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 02-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8516
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8002
<b>API Well Number:</b> 427094051300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 10-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5207	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 10-NOV-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8786
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8036
<b>API Well Number:</b> 427094054200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 / 1653	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
6400 / 5691	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 02-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13900
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8250
<b>API Well Number:</b> 427094054100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 02-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10980 / 6753	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 10-OCT-1980	First Sample Examined: 962
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 8078
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5749
API Well Number: 427094055800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 962 - 8040	Water Depth: 271
Public Info Code: Y 07-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
962 / 951	DEF AT first sample examined	DEF IN 2
1296 / 1258	DEF AT sample gap top	POS IN 2
1493 / 1426	DEF AT sample gap bottom	DEF IN 2
1846 / 1682	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2160 / 1888	DEF AT faunal change (no faunal increase)	DEF AT 5
2788 / 2297	DEF AT faunal change (no faunal increase)	DEF AT 4
4470 / 3378	DEF AT faunal change (no faunal increase)	DEF AT 3
6060 / 4440	DEF AT faunal change (no faunal increase)	DEF AT 4
6090 / 4461	DEF AT faunal change (no faunal increase)	DEF AT 5
8040 / 5724	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 01-OCT-2001	First Sample Examined: 0
Lease Number: G02716	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8078
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5749
API Well Number: 427094055800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 271
Public Info Code: Y 07-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1846 / 1682	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
6567 / 4773	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 10-NOV-1980	<b>First Sample Examined:</b> 1270
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 3921
<b>Well Name:</b> A006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 3100
<b>API Well Number:</b> 427094058200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1270 - 3850	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 21-NOV-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1270 / 1163	DEF AT first sample examined	DEF IN 2
1900 / 1629	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1930 / 1651	DEF AT faunal change (no faunal increase)	DEF AT 4
2140 / 1804	DEF AT faunal change (no faunal increase)	DEF AT 5
2980 / 2428	DEF AT faunal change (no faunal increase)	DEF AT 4
3850 / 3050	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 01-JAN-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7512
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7152
<b>API Well Number:</b> 427094059000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 10-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 4388	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
6480 / 6120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 09-DEC-1980	<b>First Sample Examined:</b> 3020
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7580
<b>Well Name:</b> A008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7197
<b>API Well Number:</b> 427094059500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3020 - 7580	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 05-JAN-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 3015	DEF AT first sample examined	DEF IN 3
4160 / 4080	DEF AT faunal change (no faunal increase)	DEF AT 4
5360 / 5162	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7580 / 7197	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 23-DEC-1980	First Sample Examined: 1210
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 4138
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3135
API Well Number: 427094060000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 1210 - 4138	Water Depth: 271
Public Info Code: Y 20-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1210 / 1147	DEF AT first sample examined	DEF IN 2
1990 / 1633	DEF AT faunal change (no faunal increase)	DEF AT 3
2050 / 1665	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2440 / 1867	DEF AT faunal change (no faunal increase)	DEF AT 5
2530 / 1913	DEF AT faunal change (no faunal increase)	DEF AT 4
4138 / 3138	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 19-JAN-1981	<b>First Sample Examined:</b> 3060
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7209
<b>Well Name:</b> A010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7100
<b>API Well Number:</b> 427094060700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3060 - 7210	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 06-FEB-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 3038	DEF AT first sample examined	DEF IN 3
4470 / 4396	DEF AT faunal change (no faunal increase)	DEF AT 4
4500 / 4425	DEF AT faunal change (no faunal increase)	DEF AT 5
4680 / 4599	DEF AT faunal change (no faunal increase)	DEF AT 4
5450 / 5349	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5480 / 5378	DEF AT faunal change (no faunal increase)	DEF AT 5
7210 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 19-JAN-1981	First Sample Examined: 3870
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 7171
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7099
API Well Number: 427094060701	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3870 - 7170	Water Depth: 271
Public Info Code: Y 16-FEB-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3814	DEF AT first sample examined	DEF IN 3
4470 / 4402	DEF AT faunal change (no faunal increase)	DEF AT 4
5490 / 5419	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7170 / 7099	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 17-FEB-1981	First Sample Examined: 4410
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 10376
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5820
API Well Number: 427094061100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 4410 - 10360	Water Depth: 271
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 / 2992	DEF AT first sample examined	DEF IN 4
5010 / 3255	DEF AT faunal change (no faunal increase)	DEF AT 3
7140 / 4334	DEF AT faunal change (no faunal increase)	DEF AT 4
7290 / 4411	DEF IN Upper Pleistocene	DEF AT 4
7440 / 4484	DEF AT faunal change (no faunal increase)	DEF AT 5
10360 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 26-MAY-1981	First Sample Examined: 4190
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 10714
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6001
API Well Number: 427094061600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 4190 - 10715	Water Depth: 271
Public Info Code: Y 16-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4190 / 2999	DEF AT first sample examined	DEF IN 3
7280 / 4431	DEF AT faunal change (no faunal increase)	DEF AT 4
7400 / 4489	DEF AT faunal change (no faunal increase)	DEF AT 5
10715 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 28-APR-1981	First Sample Examined: 3490
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 13777
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11021
API Well Number: 427094061800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3490 - 13780	Water Depth: 271
Public Info Code: Y 14-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3490 / 2992	DEF AT first sample examined	DEF IN 3
5650 / 4485	DEF AT faunal change (no faunal increase)	DEF AT 4
8830 / 6691	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
13780 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 28-AUG-1981	<b>First Sample Examined:</b> 3660
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14857
<b>Well Name:</b> A014	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9808
<b>API Well Number:</b> 427094064100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3660 - 14160	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 04-SEP-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 / 2994	DEF AT first sample examined	DEF IN 3
6150 / 4491	DEF AT faunal change (no faunal increase)	DEF AT 4
10740 / 7339	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
14160 / 9415	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 568	Date of Summary: 28-AUG-1981	First Sample Examined: 10700
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 14857
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9808
API Well Number: 427094064100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 10700 - 14859	Water Depth: 271
Public Info Code: Y 04-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 7313	DEF AT first sample examined	DEF AT 4
10701 / 7314	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
14859 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 09-OCT-1981	<b>First Sample Examined:</b> 3600
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11015
<b>Well Name:</b> A015	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10620
<b>API Well Number:</b> 427094064900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3600 - 11015	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 06-NOV-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3501	DEF AT first sample examined	DEF IN 3
4560 / 4420	DEF AT faunal change (no faunal increase)	DEF AT 4
6180 / 5973	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9120 / 8800	DEF AT faunal change (no faunal increase)	DEF AT 5
9150 / 8828	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9360 / 9026	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10350 / 9979	DEF AT faunal change (no faunal increase)	DEF AT 6
10590 / 10213	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
11015 / 10620	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 568	<b>Date of Summary:</b> 17-DEC-1981	<b>First Sample Examined:</b> 3160
<b>Lease Number:</b> G02716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8194
<b>Well Name:</b> A016	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7591
<b>API Well Number:</b> 427094067400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3160 - 8196	<b>Water Depth:</b> 271
<b>Public Info Code:</b> Y 19-DEC-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3160 / 3003	DEF AT first sample examined	DEF IN 3
3220 / 3054	DEF AT faunal change (no faunal increase)	POS AT 4
4870 / 4480	DEF AT faunal change (no faunal increase)	DEF AT 5
7150 / 6553	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8196 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12585
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12248
API Well Number: 427094042700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 282
Public Info Code: Y 15-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8510 / 8270	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9970 / 9709	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11690 / 11386	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16146
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 15231
API Well Number: 427094047400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 22-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8180 / 7833	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10320 / 9752	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12750 / 12018	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16121
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13784
API Well Number: 427094049700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 289
Public Info Code: Y 10-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 7861	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
13140 / 11410	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
15750 / 13563	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
15960 / 13750	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 571	<b>Date of Summary:</b> 14-JAN-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02391	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15340
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13746
<b>API Well Number:</b> 427094055600	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 283
<b>Public Info Code:</b> Y 04-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10807 / 9870	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13470 / 12126	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 25-APR-1990	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13767
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13292
API Well Number: 427094064500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 01-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 7735	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9970 / 9735	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11860 / 11517	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 571	<b>Date of Summary:</b> 15-AUG-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02391	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14674
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13221
<b>API Well Number:</b> 427094063100	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 283
<b>Public Info Code:</b> Y 09-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 /10056	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12920 /11757	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14674
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 13221
API Well Number: 427094063100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 09-AUG-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 /10056	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12920 /11757	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13528 /12269	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
13641 /12367	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13884
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 12974
API Well Number: 427094065000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 11-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10185 / 9760	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12420 / 11686	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12992 / 12189	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 571	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02391	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13849
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13268
<b>API Well Number:</b> 427094072300	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 283
<b>Public Info Code:</b> Y 07-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10390 /10092	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12130 /11726	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 571	Date of Summary: 22-NOV-1999	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14581
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 13550
API Well Number: 427094073100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 01-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11780 /11074	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 573	Date of Summary: 16-AUG-1984	First Sample Examined: 0
Lease Number: G02393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8558
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8135
API Well Number: 427094018000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 327
Public Info Code: Y 21-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6567	POS IN Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 574	<b>Date of Summary:</b> 28-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03950	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13494
<b>API Well Number:</b> 427094066500	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 337
<b>Public Info Code:</b> Y 18-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4420 / 4420	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8410 / 8410	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10000 / 9999	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11920 / 11915	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 574	<b>Date of Summary:</b> 28-MAY-1982	<b>First Sample Examined:</b> 4470
<b>Lease Number:</b> G03950	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14193
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14068
<b>API Well Number:</b> 427094070100	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4470 - 14190	<b>Water Depth:</b> 307
<b>Public Info Code:</b> Y 16-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4470	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9870 / 9831	DEF AT - - - - -	DEF AT 5
12120 /12028	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
13410 /13297	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14190 /14067	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 574	Date of Summary: 26-NOV-1982	First Sample Examined: 0
Lease Number: G03950	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14193
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14068
API Well Number: 427094070100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 307
Public Info Code: Y 16-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12120 /12028	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13410 /13297	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 574	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G03950	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7100
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7098
API Well Number: 427094071000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 06-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3220 / 3220	DEF AT -----	DEF AT 3
3360 / 3360	DEF AT -----	DEF AT 4
3870 / 3870	DEF AT -----	DEF AT 5
3990 / 3990	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5060 / 5059	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 576	Date of Summary: 22-JAN-1993	First Sample Examined: 0
Lease Number: G09136	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15353
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15349
API Well Number: 427094095800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 293
Public Info Code: Y 01-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 / 7520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
10570 /10570	DEF AT -----	DEF AT 4
10600 /10600	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10810 /10810	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
12430 /12429	DEF AT -----	DEF AT 5
12820 /12819	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 578	Date of Summary: 01-JAN-1984	First Sample Examined: 1200
Lease Number: G06241	Source of Paleo: OPERATOR	Borehole MD: 7637
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5754
API Well Number: 427094079100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 1200 - 7620	Water Depth: 315
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF AT 1
1950 / 1936	DEF AT -----	DEF AT 2
2100 / 2077	DEF AT local marker (general)	DEF AT 3
2220 / 2186	DEF AT -----	DEF AT 2
4380 / 3725	DEF AT -----	DEF AT 1
4860 / 4019	DEF AT cement	DEF AT 0
5250 / 4256	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 578	<b>Date of Summary:</b> 22-FEB-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06241	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7637
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5754
<b>API Well Number:</b> 427094079100	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 315
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 5487	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 578	<b>Date of Summary:</b> 13-AUG-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06241	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7637
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5754
<b>API Well Number:</b> 427094079100	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 315
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5405 / 4351	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7200 / 5487	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 29-NOV-1981	<b>First Sample Examined:</b> 3740
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12324
<b>Well Name:</b> C004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9500
<b>API Well Number:</b> 427094059600	<b>Drilling Operator:</b> PENNZOIL PRODUCING COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3740 - 12320	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 20-FEB-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3740 / 3612	DEF AT first sample examined	DEF IN 4
4820 / 4448	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7520 / 6236	DEF AT faunal change (no faunal increase)	DEF AT 5
11810 / 9135	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12320 / 9494	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 01-OCT-1981	First Sample Examined: 0
Lease Number: G02388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12790
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 10783
API Well Number: 427094062800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 327
Public Info Code: Y 23-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4347	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10550 / 8795	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 22-FEB-1982	<b>First Sample Examined:</b> 3700
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12620
<b>Well Name:</b> C008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9160
<b>API Well Number:</b> 427094069400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3700 - 10380	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 21-MAR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3607	DEF AT first sample examined	DEF IN 3
3940 / 3795	DEF AT faunal change (no faunal increase)	DEF AT 4
4600 / 4287	DEF AT faunal change (no faunal increase)	DEF AT 5
4720 / 4371	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7870 / 6303	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10380 / 7763	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 22-FEB-1982	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G02388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12620
<b>Well Name:</b> C008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9160
<b>API Well Number:</b> 427094069400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10000 - 12610	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 21-MAR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 7527	DEF AT first sample examined	DEF AT 5
10450 / 7807	DEF AT sample gap top	DEF AT 5
10900 / 8084	DEF AT sample gap bottom	DEF AT 5
10960 / 8121	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10990 / 8140	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11710 / 8586	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12310 / 8963	DEF AT faunal change (no faunal increase)	DEF AT 6
12610 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 06-SEP-1984	First Sample Examined: 0
Lease Number: G02388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12167
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 10053
API Well Number: 427094064600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 327
Public Info Code: Y 20-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4459	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7170 / 6511	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10929 / 9247	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11580 / 9676	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 27-DEC-1977	First Sample Examined: 1076
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 11573
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10611
API Well Number: 427094029000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1076 - 11570	Water Depth: 331
Public Info Code: Y 25-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1076 / 1076	DEF AT first sample examined	DEF IN 3
1247 / 1245	DEF AT faunal change (no faunal increase)	DEF AT 4
2100 / 2047	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
4730 / 4363	DEF AT faunal change (no faunal increase)	DEF AT 5
4880 / 4498	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5360 / 4930	DEF AT faunal change (no faunal increase)	DEF AT 4
6410 / 5882	DEF AT sample gap top	DEF AT 0
6830 / 6264	DEF AT sample gap bottom	DEF AT 0
7040 / 6455	DEF AT faunal change (no faunal increase)	DEF AT 5
10940 /10032	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10970 /10059	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11570 /10608	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 11-SEP-1981	First Sample Examined: 1750
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 17635
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13656
API Well Number: 427094061500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 1750 - 17170	Water Depth: 327
Public Info Code: Y 06-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1750 / 1730	DEF AT first sample examined	DEF IN 2
1960 / 1928	DEF AT faunal change (no faunal increase)	DEF IN 3
2170 / 2119	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
4810 / 4046	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5080 / 4233	DEF AT faunal change (no faunal increase)	DEF AT 5
9550 / 7490	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
17170 / 13165	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 11-SEP-1981	First Sample Examined: 13990
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 17635
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13656
API Well Number: 427094061500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 13990 - 17620	Water Depth: 327
Public Info Code: Y 06-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13990 /10830	DEF AT first sample examined	DEF IN 5
16810 /12895	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
17350 /13300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
17620 /13504	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 10-DEC-1980	First Sample Examined: 3830
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 10037
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9215
API Well Number: 427094058000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3830 - 10037	Water Depth: 327
Public Info Code: Y 14-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3598	DEF AT first sample examined	DEF IN 4
4910 / 4545	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7760 / 7125	DEF AT -----	DEF AT 5
10037 / 9214	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 01-JUL-1982	<b>First Sample Examined:</b> 6440
<b>Lease Number:</b> G02719	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17518
<b>Well Name:</b> C011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12357
<b>API Well Number:</b> 427094071400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6440 - 17510	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 07-JUL-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 / 4946	DEF AT first sample examined	DEF IN 5
14360 /10234	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
15410 /10945	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
16940 /11964	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
17510 /12352	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 31-JUL-2000	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02719	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17518
<b>Well Name:</b> C011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12357
<b>API Well Number:</b> 427094071400	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 07-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14360 /10234	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
15410 /10945	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
16940 /11964	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 20-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02719	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12770
<b>Well Name:</b> C012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9322
<b>API Well Number:</b> 427094074900	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 22-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 5048	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 03-MAR-1983	First Sample Examined: 6082
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 12770
Well Name: C012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9322
API Well Number: 427094074900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 6082 - 14250	Water Depth: 327
Public Info Code: Y 22-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6082 / 4912	DEF AT first sample examined	DEF AT 3
6280 / 5048	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
6370 / 5108	DEF AT sample gap top	DEF AT 0
6700 / 5332	DEF AT sample gap bottom	DEF AT 0
13990 /10215	DEF AT -----	DEF AT 5
14250 /10388	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 04-OCT-1982	First Sample Examined: 3600
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 14747
Well Name: C013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12709
API Well Number: 427094072700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 3	Sample Range: 3600 - 12960	Water Depth: 327
Public Info Code: Y 30-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF IN 4
4320 / 4320	DEF AT - - - - -	DEF AT 5
4680 / 4680	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6450 / 6447	DEF AT sample gap top	DEF AT 0
6900 / 6876	DEF AT sample gap bottom	DEF AT 0
12960 / 11446	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 04-OCT-1982	First Sample Examined: 10890
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 14747
Well Name: C013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12709
API Well Number: 427094072700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 3	Sample Range: 10890 - 14747	Water Depth: 327
Public Info Code: Y 30-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10890 / 9904	DEF AT first sample examined	DEF AT 5
11940 /10683	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
14390 /12456	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14747 /12709	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 18-JAN-1984	First Sample Examined: 0
Lease Number: G02719	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14747
Well Name: C013	Paleo Done By: OPERATOR	Borehole TVD: 12709
API Well Number: 427094072700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 327
Public Info Code: Y 30-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 4320	DEF AT -----	DEF AT 5
4680 / 4680	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
11940 /10683	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
14390 /12456	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 10-DEC-1982	First Sample Examined: 0
Lease Number: G02719	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16685
Well Name: C014	Paleo Done By: OPERATOR	Borehole TVD: 12550
API Well Number: 427094073800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 327
Public Info Code: Y 09-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14310 /10838	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
15120 /11431	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 582	Date of Summary: 22-DEC-1982	First Sample Examined: 5940
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 16685
Well Name: C014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12550
API Well Number: 427094073800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 5940 - 16680	Water Depth: 327
Public Info Code: Y 09-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 / 4905	DEF AT cement	DEF IN 5
5970 / 4926	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
14310 /10838	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
15120 /11431	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
16680 /12546	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 16-AUG-1983	<b>First Sample Examined:</b> 14560
<b>Lease Number:</b> G02719	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17202
<b>Well Name:</b> C015	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12082
<b>API Well Number:</b> 427094075800	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 14560 - 16570	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 28-AUG-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14560 /10381	DEF AT first sample examined	DEF IN 5
16570 /11657	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 582	<b>Date of Summary:</b> 16-AUG-1983	<b>First Sample Examined:</b> 16280
<b>Lease Number:</b> G02719	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17202
<b>Well Name:</b> C015	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12082
<b>API Well Number:</b> 427094075800	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 16280 - 17200	<b>Water Depth:</b> 327
<b>Public Info Code:</b> Y 28-AUG-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16280 /11469	DEF AT first sample examined	DEF AT 5
17200 /12079	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> HI A 584 <b>Lease Number:</b> G09139 <b>Well Name:</b> 001 <b>API Well Number:</b> 427094095400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 28-OCT-1992</p>	<p><b>Date of Summary:</b> 15-SEP-1992 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> JAPEX US CORP <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10141 <b>Borehole TVD:</b> 7511 <b>Rkb Elevation:</b> 75 <b>Water Depth:</b> 335 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 / 3578	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10090 / 7655	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 584	Date of Summary: 27-OCT-1992	First Sample Examined: 0
Lease Number: G09139	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8875
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7200
API Well Number: 427094095401	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 335
Public Info Code: Y 28-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 / 3578	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8106 / 6716	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 591	Date of Summary:	First Sample Examined: 1460
Lease Number: G07352	Source of Paleo: OPERATOR	Borehole MD: 12920
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12831
API Well Number: 427094090300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 320
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1460 / 1460	DEF AT first sample examined	DEF AT 4
1580 / 1580	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3500 / 3500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5660 / 5660	DEF AT - - - - -	DEF AT 5
7250 / 7250	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8330 / 8329	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9800 / 9799	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10280 / 10279	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
12920 / 12831	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 591	Date of Summary:	First Sample Examined: 9060
Lease Number: G07352	Source of Paleo: OPERATOR	Borehole MD: 13303
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13195
API Well Number: 427094090301	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 320
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9060 / 9059	DEF AT first sample examined	DEF AT 4
9870 / 9865	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10290 /10275	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
12030 /11961	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 591	<b>Date of Summary:</b> 05-OCT-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07352	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9898
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9876
<b>API Well Number:</b> 427094092700	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 332
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2040 / 2040	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5430 / 5430	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 595	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G02721	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 6244
API Well Number: 427094055300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 17-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2430 / 2425	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
7074 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 595	<b>Date of Summary:</b> 20-JAN-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02721	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6706
<b>Well Name:</b> D006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6706
<b>API Well Number:</b> 427094063200	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 398
<b>Public Info Code:</b> Y 10-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3740 / 3740	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 595	<b>Date of Summary:</b> 19-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02721	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9263
<b>Well Name:</b> D010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8001
<b>API Well Number:</b> 427094070500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 400
<b>Public Info Code:</b> Y 06-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3150 / 3117	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6880 / 6278	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 595	<b>Date of Summary:</b> 19-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02722	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14506
<b>Well Name:</b> D002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13237
<b>API Well Number:</b> 427094056900	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 400
<b>Public Info Code:</b> Y 28-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
5900 / 5574	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
12900 / 11775	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 595	Date of Summary:	First Sample Examined: 0
Lease Number: G02722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8242
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 7027
API Well Number: 427094060500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 08-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2096	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
7300 / 6183	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 595	Date of Summary: 03-FEB-1983	First Sample Examined: 0
Lease Number: G02722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14050
Well Name: D007	Paleo Done By: OPERATOR	Borehole TVD: 12431
API Well Number: 427094064301	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 396
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3794	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6160 / 5633	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11537 /10092	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
13612 /12011	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 595	<b>Date of Summary:</b> 19-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02722	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14050
<b>Well Name:</b> D007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12431
<b>API Well Number:</b> 427094064301	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 396
<b>Public Info Code:</b> Y 14-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2320 / 2319	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
4920 / 4621	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8630 / 7590	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
14000 / 12379	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 595	Date of Summary: 19-JAN-1984	First Sample Examined: 0
Lease Number: G02722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9422
Well Name: D008	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 427094067000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 30-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 3713	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6615 / 5335	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 595	Date of Summary: 08-NOV-1984	First Sample Examined: 0
Lease Number: G02722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14818
Well Name: D009	Paleo Done By: OPERATOR	Borehole TVD: 13459
API Well Number: 427094068400	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3919 / 3799	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6014 / 5561	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
13990 / 12651	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: HI A 595	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: G02722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15475
Well Name: D011	Paleo Done By: OPERATOR	Borehole TVD: 13016
API Well Number: 427094075700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 26-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3701	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6520 / 5894	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
13250 / 11338	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> HI A 595	<b>Date of Summary:</b> 20-SEP-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06273	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15488
<b>Well Name:</b> D013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12426
<b>API Well Number:</b> 427094079500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 400
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 5993	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
13378 / 10536	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 20	<b>Date of Summary:</b> 08-AUG-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04935	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12895
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10148
<b>API Well Number:</b> 608174017300	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 479
<b>Public Info Code:</b> Y 15-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 / 2030	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
2900 / 2900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3530 / 3530	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4820 / 4793	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7400 / 6866	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10490 / 8612	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 20	Date of Summary: 08-AUG-1983	First Sample Examined: 0
Lease Number: G04935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12022
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9699
API Well Number: 608174017301	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 460
Public Info Code: Y 17-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4490 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4700 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
6620 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8000 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 20	Date of Summary: 08-AUG-1983	First Sample Examined: 0
Lease Number: G04935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11982
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9664
API Well Number: 608174017700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 465
Public Info Code: Y 27-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3590 / 3590	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4060 / 4054	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
6640 / 6243	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7090 / 6518	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9100 / 7773	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 22	Date of Summary: 17-OCT-1983	First Sample Examined: 0
Lease Number: G05821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12668
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11543
API Well Number: 608174020000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 663
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 3390	POS AT Upper Pliocene	DEF AT 0
5590 / 5429	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 110	Date of Summary: 16-JUN-1984	First Sample Examined: 0
Lease Number: G05826	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11321
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11318
API Well Number: 608174020900	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1456
Public Info Code: Y 06-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2770 / 2770	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
3610 / 3610	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4150 / 4150	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
5590 / 5590	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6490 / 6490	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
7450 / 7449	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
7810 / 7809	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
10030 / 10027	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 110	<b>Date of Summary:</b> 20-JUL-1987	<b>First Sample Examined:</b> 2400
<b>Lease Number:</b> G05826	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12636
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12636
<b>API Well Number:</b> 608174022800	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2400 - 12600	<b>Water Depth:</b> 1240
<b>Public Info Code:</b> Y 06-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	DEF AT 0
3360 / 3360	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
3750 / 3750	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
3930 / 3930	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 0
4140 / 4140	POS IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
5790 / 5790	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 0
8820 / 8820	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
10530 / 10530	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
12600 / 12600	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 118	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 4470
<b>Lease Number:</b> G07925	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8904
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8904
<b>API Well Number:</b> 608174037100	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4470 - 8904	<b>Water Depth:</b> 2782
<b>Public Info Code:</b> Y 23-NOV-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 /	DEF AT first sample examined	DEF AT 5
4471 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
4620 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4740 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6780 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6810 /	DEF AT faunal change (no faunal increase)	DEF AT 6
8340 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
8904 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 118	Date of Summary: 17-AUG-1990	First Sample Examined: 0
Lease Number: G07925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8904
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8904
API Well Number: 608174037100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 2782
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	POS IN Pleistocene	DEF AT 0
6960 /	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 118	Date of Summary:	First Sample Examined: 6860
Lease Number: G07925	Source of Paleo: OPERATOR	Borehole MD: 12710
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11850
API Well Number: 608174037101	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 6860 - 9380	Water Depth: 2782
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 / 6860	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8480 / 8371	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
9380 / 9095	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 118	Date of Summary:	First Sample Examined: 7120
Lease Number: G07925	Source of Paleo: OPERATOR	Borehole MD: 12710
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11850
API Well Number: 608174037101	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 7120 - 12710	Water Depth: 2782
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7120 / 7120	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11170 /10539	DEF AT local marker foram increase	DEF AT 5
12550 /11709	DEF AT local marker foram increase	DEF AT 5
12710 /11850	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 118	<b>Date of Summary:</b> 17-AUG-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07925	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12710
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11850
<b>API Well Number:</b> 608174037101	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 2782
<b>Public Info Code:</b> Y 23-NOV-1992	<b>Ecozone Eq MMS:</b> N	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	POS IN Pleistocene	DEF AT 0
6960 / 6960	POS AT Pliocene	DEF AT 0
11320 / 10663	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 148	Date of Summary:	First Sample Examined: 5750
Lease Number: G02636	Source of Paleo: OPERATOR	Borehole MD: 14985
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12639
API Well Number: 608174015200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 5750 - 14985	Water Depth: 651
Public Info Code: Y 14-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5750 / 5249	DEF AT first sample examined	DEF AT 5
5870 / 5341	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6920 / 6153	DEF AT local marker (general)	DEF AT 5
11300 / 9588	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12200 /10328	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
13460 /11349	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14120 /11867	DEF AT local marker (general)	DEF AT 5
14985 /12552	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 148	Date of Summary: 17-AUG-1991	First Sample Examined: 4030
Lease Number: G02636	Source of Paleo: OPERATOR	Borehole MD: 13680
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12063
API Well Number: 608174016700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 2050 - 14940	Water Depth: 650
Public Info Code: Y 06-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=original hole and sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 3921	DEF AT first sample examined	DEF AT 5
5560 / 5225	DEF AT sample gap top	DEF AT 5
6340 / 5904	DEF AT sample gap bottom	DEF AT 5
6400 / 5956	DEF AT local marker (general)	DEF AT 5
10750 / 9618	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11860 /10524	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
12700 /11230	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
13300 /11740	DEF AT local marker (general)	DEF AT 6
14220 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
14940 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 148	Date of Summary: 05-OCT-1995	First Sample Examined: 0
Lease Number: G02636	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12600
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608174017200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 650
Public Info Code: Y 02-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4409 / 4216	POS IN Pleistocene	DEF AT 0
5687 / 5170	POS AT Pliocene	DEF AT 0
12395 /10213	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 148	Date of Summary: 07-DEC-1995	First Sample Examined: 0
Lease Number: G02636	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12600
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608174017200	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 650
Public Info Code: Y 02-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5687 / 5170	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 148	Date of Summary: 13-SEP-1990	First Sample Examined: 0
Lease Number: G02637	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17385
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 12866
API Well Number: 608174018800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 650
Public Info Code: Y 01-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 4987	POS IN Pleistocene	DEF AT 0
7050 / 5512	POS IN Pliocene	DEF AT 0
16828 / 12376	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 160	Date of Summary:	First Sample Examined: 4400
Lease Number: G09787	Source of Paleo: OPERATOR	Borehole MD: 14257
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14257
API Well Number: 608174036600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 4400 - 14255	Water Depth: 2707
Public Info Code: Y 15-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 /	DEF AT first sample examined	DEF AT 5
4520 /	DEF AT local marker (general)	DEF AT 5
4820 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6620 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
6800 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7430 /	DEF AT local marker (general)	DEF AT 5
8090 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
9740 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
12920 /	DEF AT local marker (general)	DEF AT 5
13520 /	POS IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 5
14255 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 160	Date of Summary: 17-AUG-1990	First Sample Examined: 0
Lease Number: G09787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14257
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14257
API Well Number: 608174036600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 2707
Public Info Code: Y 15-APR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 /	POS IN Pleistocene	DEF AT 0
6800 /	POS AT Pliocene	DEF AT 0
10880 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 194	Date of Summary: 03-NOV-1980	First Sample Examined: 8990
Lease Number: G02638	Source of Paleo: OPERATOR	Borehole MD: 11449
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 10929
API Well Number: 608174010500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 8990 - 10610	Water Depth: 1024
Public Info Code: Y 18-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8686	DEF AT first sample examined	DEF AT 0
10610 / 10168	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 194	<b>Date of Summary:</b> 07-JUN-1979	<b>First Sample Examined:</b> 9290
<b>Lease Number:</b> G02639	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14077
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12937
<b>API Well Number:</b> 608174006700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9290 - 14040	<b>Water Depth:</b> 1024
<b>Public Info Code:</b> Y 08-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9290 / 9075	DEF AT first sample examined	DEF AT 0
14039 / 12907	POS IN Upper Miocene Messinian Stage	DEF AT 0
14040 / 12908	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 194	<b>Date of Summary:</b> 22-JUN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02639	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10600
<b>Well Name:</b> A065	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8751
<b>API Well Number:</b> 608174015501	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1024
<b>Public Info Code:</b> Y 13-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT Holocene recent fauna	DEF AT 0
1300 / 1300	POS AT Pleistocene	DEF AT 0
5300 / 5015	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 194	<b>Date of Summary:</b> 12-DEC-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02642	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12280
<b>Well Name:</b> A056	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9326
<b>API Well Number:</b> 608174015900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1024
<b>Public Info Code:</b> Y 27-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT Holocene recent fauna	DEF AT 0
1300 / 1300	POS AT Pleistocene	DEF AT 0
5537 / 4896	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 194	Date of Summary:	First Sample Examined: 0
Lease Number: G02643	Source of Paleo: OPERATOR	Borehole MD: 13800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8725
API Well Number: 608174005800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1024
Public Info Code: Y 10-DEC-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 4811	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6300 / 4904	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 194	Date of Summary: 06-JUN-1989	First Sample Examined: 0
Lease Number: G02643	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9930
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8669
API Well Number: 608174007900	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1024
Public Info Code: Y 01-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9428 / 8247	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 197	Date of Summary: 29-FEB-1984	First Sample Examined: 2950
Lease Number: G05828	Source of Paleo: OPERATOR	Borehole MD: 12600
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12588
API Well Number: 608174020500	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 2950 - 12540	Water Depth: 1936
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2950 / 2948	DEF AT first sample examined	DEF AT 3
4870 / 4868	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4930 / 4928	DEF AT -----	DEF AT 2
6250 / 6247	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7750 / 7745	DEF IN Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 3
7900 / 7895	DEF AT -----	DEF AT 4
8440 / 8434	DEF AT sample gap top	DEF AT 0
8829 / 8823	DEF AT sample gap bottom	DEF AT 0
8830 / 8824	DEF AT -----	DEF AT 4
9220 / 9214	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9820 / 9814	DEF AT -----	DEF AT 3
10210 / 10204	DEF AT -----	DEF AT 2
10600 / 10593	DEF AT -----	DEF AT 4
11650 / 11642	DEF AT -----	DEF AT 2
12005 / 11996	DEF AT -----	DEF AT 4
12540 / 12528	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 201	Date of Summary: 22-JAN-1988	First Sample Examined: 4410
Lease Number: G06941	Source of Paleo: OPERATOR	Borehole MD: 7612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7607
API Well Number: 608174030100	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4410 - 6590	Water Depth: 2780
Public Info Code: Y 01-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 /	DEF AT first sample examined	DEF IN 5
4860 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
4950 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
5099 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
5100 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
5190 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
5250 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 5
5370 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5580 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5700 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
5970 /	DEF AT faunal change (no faunal increase)	DEF IN 3
6330 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
6510 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
6570 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
6590 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 201	Date of Summary: 22-JAN-1988	First Sample Examined: 6030
Lease Number: G06941	Source of Paleo: OPERATOR	Borehole MD: 7612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7607
API Well Number: 608174030100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 6030 - 7620	Water Depth: 2780
Public Info Code: Y 01-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
6030 /	DEF AT first sample examined	DEF IN 3
6031 /	DEF IN Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 3
6479 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
6480 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
6840 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
6990 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7020 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7230 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
7290 /	POS AT Cyclammina cancellata (local marker)	DEF AT 3
7620 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 211	Date of Summary: 31-JAN-1991	First Sample Examined: 8050
Lease Number: G08803	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14670
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14665
API Well Number: 608174037300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 2 of 3	Sample Range: 8050 - 12800	Water Depth: 4356
Public Info Code: Y 24-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: 8950=Globorotalia merotumida

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8050 / 8049	DEF AT first sample examined	POS AT 5
8051 / 8050	POS AT caprock	POS AT 5
8052 / 8051	DEF AT salt	POS AT 5
8860 / 8859	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8890 / 8889	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
8950 / 8949	DEF AT local marker planktic foram increase	DEF AT 5
9190 / 9189	DEF AT local marker planktic foram increase	DEF AT 5
9550 / 9549	DEF AT local marker planktic foram increase	DEF AT 5
9700 / 9699	DEF AT pyrite	DEF AT 5
10330 /10329	DEF AT local marker planktic foram increase	DEF AT 5
10390 /10389	DEF AT local marker benthic foram increase	DEF AT 4
10630 /10629	DEF AT local marker planktic foram increase	DEF AT 5
11080 /11079	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 6
11674 /11672	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 6
11780 /11778	DEF AT local marker foram decrease	DEF AT 5
11860 /11858	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11890 /11888	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
12370 /12367	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 6
12800 /12796	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 211	<b>Date of Summary:</b> 31-JAN-1991	<b>First Sample Examined:</b> 12705
<b>Lease Number:</b> G08803	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 14670
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 14665
<b>API Well Number:</b> 608174037300	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 12705 - 14650	<b>Water Depth:</b> 4356
<b>Public Info Code:</b> Y 24-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12705 /12701	DEF AT first sample examined	DEF AT 6
12870 /12866	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
13270 /13266	DEF AT Arenaceous fauna (local marker)	DEF AT 6
14140 /14135	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
14200 /14195	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 6
14290 /14285	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14650 /14645	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 239	<b>Date of Summary:</b> 23-JAN-1985	<b>First Sample Examined:</b> 3035
<b>Lease Number:</b> G06943	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11200
<b>API Well Number:</b> 608174022900	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 34
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3035 - 11200	<b>Water Depth:</b> 1734
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3035 /	DEF AT first sample examined	DEF AT 0
3036 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
3250 /	POS IN Illinoian fauna (local marker)	DEF AT 0
4180 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
4600 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5170 /	DEF AT Aftonian fauna (local marker)	DEF AT 0
5290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5560 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9640 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 0
9880 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
11200 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 240	<b>Date of Summary:</b> 28-JUN-1988	<b>First Sample Examined:</b> 3390
<b>Lease Number:</b> G05829	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8628
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8091
<b>API Well Number:</b> 608174032800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 37
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3390 - 8610	<b>Water Depth:</b> 2107
<b>Public Info Code:</b> Y 27-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 3390	DEF AT first sample examined	DEF IN 5
4410 / 4392	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
4860 / 4791	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
5190 / 5077	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
5610 / 5444	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
5700 / 5523	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
8610 / 8075	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 240	Date of Summary: 17-MAR-1989	First Sample Examined: 3390
Lease Number: G05829	Source of Paleo: OPERATOR	Borehole MD: 8628
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8091
API Well Number: 608174032800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 3390 - 8610	Water Depth: 2107
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3390 / 3390	DEF AT first sample examined	DEF AT 0
4110 / 4105	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4380 / 4364	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
5070 / 4972	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
5160 / 5051	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5430 / 5287	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
5610 / 5444	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
7140 / 6784	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8610 / 8075	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 241	Date of Summary: 08-AUG-1988	First Sample Examined: 3900
Lease Number: G05830	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8495
API Well Number: 608174033500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 2	Sample Range: 3900 - 8500	Water Depth: 2415
Public Info Code: Y 06-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3900 /	DEF AT first sample examined	DEF IN 5
4140 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
4230 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
4770 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
4830 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
4980 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
5640 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
6030 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8500 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 241	Date of Summary: 08-AUG-1988	First Sample Examined: 3900
Lease Number: G05830	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8495
API Well Number: 608174033500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 3900 - 8500	Water Depth: 2415
Public Info Code: Y 06-NOV-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3900 /	DEF AT first sample examined	DEF AT 0
3901 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4170 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
4710 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
4890 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5070 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
5970 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8500 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 268	Date of Summary: 28-AUG-1980	First Sample Examined: 0
Lease Number: G02969	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12957
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12415
API Well Number: 608174010800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 353
Public Info Code: Y 01-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6765 / 6403	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8040 / 7575	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 268	Date of Summary:	First Sample Examined: 0
Lease Number: G03799	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9953
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9309
API Well Number: 608174011600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 343
Public Info Code: Y 03-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 5983	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 285	Date of Summary: 21-SEP-1987	First Sample Examined: 4800
Lease Number: G05832	Source of Paleo: OPERATOR	Borehole MD: 13100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13093
API Well Number: 608174030200	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4800 - 13080	Water Depth: 3161
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT first sample examined	DEF AT 0
4801 /	DEF AT floral flood	DEF AT 0
4802 /	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
4803 /	DEF IN Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 0
5010 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
5100 /	DEF AT local marker floral decrease	DEF AT 0
5218 /	DEF AT floral flood	DEF AT 0
5219 /	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
5220 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5400 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 0
5490 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
5610 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
5910 /	DEF AT floral flood	DEF AT 0
6510 /	DEF AT local marker floral decrease	DEF AT 0
7498 /	DEF AT floral flood	DEF AT 0
7499 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
7500 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 0
8400 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
8700 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
9300 /	DEF AT Lower Pliocene (Zanclian) Discoaster surculus (acme)	DEF AT 0
9990 /	DEF AT local marker floral decrease	DEF AT 0
10110 /	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 285	Date of Summary: 21-SEP-1987	First Sample Examined: 4800
Lease Number: G05832	Source of Paleo: OPERATOR	Borehole MD: 13100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13093
API Well Number: 608174030200	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4800 - 13080	Water Depth: 3161
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
11609 /	DEF AT floral flood	DEF AT 0
11610 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
11700 /	DEF AT local marker floral decrease	DEF AT 0
11820 /	DEF AT floral flood	DEF AT 0
11880 /	DEF AT local marker floral decrease	DEF AT 0
12100 /	DEF AT floral flood	DEF AT 0
12180 /	DEF AT local marker floral decrease	DEF AT 0
13080 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 285	Date of Summary: 25-SEP-1987	First Sample Examined: 4800
Lease Number: G05832	Source of Paleo: OPERATOR	Borehole MD: 13100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13093
API Well Number: 608174030200	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 4800 - 13100	Water Depth: 3161
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 4890=Kansan glacial

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT first sample examined	DEF AT 5
4890 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4980 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5160 /	DEF AT Aftonian fauna (local marker)	DEF AT 5
5310 /	DEF AT local marker foram increase	DEF AT 5
5340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5490 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5520 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
5640 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6270 /	POS AT local marker foram increase	DEF AT 4
6540 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 3
7470 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
7500 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
7980 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8490 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9960 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10200 /	DEF AT local marker foram increase	DEF AT 5
11580 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
13100 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 285	Date of Summary: 03-MAY-1988	First Sample Examined: 4650
Lease Number: G05832	Source of Paleo: OPERATOR	Borehole MD: 14100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14098
API Well Number: 608174031600	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4650 - 14100	Water Depth: 2974
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4650 /	DEF AT first sample examined	POS AT 4
5010 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5250 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5280 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
5340 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5370 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5460 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
5580 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5730 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6180 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6300 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6480 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6900 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
7710 /	DEF AT faunal change (no faunal increase)	DEF AT 0
7770 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8310 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8430 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8520 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 0
8610 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8640 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
9090 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9210 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 285	Date of Summary: 03-MAY-1988	First Sample Examined: 4650
Lease Number: G05832	Source of Paleo: OPERATOR	Borehole MD: 14100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14098
API Well Number: 608174031600	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4650 - 14100	Water Depth: 2974
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 /	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
9480 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
9660 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9970 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10080 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 5
10590 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10830 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10860 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10920 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11010 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11400 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11550 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11880 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
11910 /	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
12180 /	DEF IN Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
12300 /	DEF AT foram flood	DEF AT 5
12810 /	DEF AT local marker foram increase	DEF AT 5
12989 /	DEF AT foram flood	DEF AT 5
12990 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
13100 /	DEF AT foram flood	DEF AT 5
13290 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
13530 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13830 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13860 /	DEF AT foram flood	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 285	Date of Summary: 03-MAY-1988	First Sample Examined: 4650
Lease Number: G05832	Source of Paleo: OPERATOR	Borehole MD: 14100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14098
API Well Number: 608174031600	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4650 - 14100	Water Depth: 2974
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14100 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 08-AUG-1983	First Sample Examined: 6490
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11482
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 10570
API Well Number: 608174019200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 6490 - 11320	Water Depth: 709
Public Info Code: Y 25-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6490 / 6481	DEF AT first sample examined	DEF AT 0
8770 / 8520	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11320 / 10392	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 16-AUG-1979	First Sample Examined: 9010
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11333
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11085
API Well Number: 608174006500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 9010 - 9520	Water Depth: 425
Public Info Code: Y 25-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 8783	DEF AT first sample examined	DEF AT 0
9520 / 9286	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 18-JUN-1979	First Sample Examined: 12300
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 13372
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13280
API Well Number: 608174007500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 12300 - 13155	Water Depth: 425
Public Info Code: Y 13-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12300 /12221	DEF AT first sample examined	DEF AT 0
12460 /12381	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13155 /13075	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 06-NOV-1979	First Sample Examined: 10400
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11858
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11650
API Well Number: 608174008500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 10400 - 10460	Water Depth: 425
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /10194	DEF AT first sample examined	DEF AT 0
11460 /11253	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 07-JAN-1981	First Sample Examined: 9030
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11409
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10545
API Well Number: 608174011700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 9030 - 11030	Water Depth: 425
Public Info Code: Y 27-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9030 / 8586	DEF AT first sample examined	DEF AT 0
11030 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 02-SEP-1980	First Sample Examined: 9030
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11150
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10872
API Well Number: 608174010900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 9030 - 11030	Water Depth: 425
Public Info Code: Y 13-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9030 / 8841	DEF AT first sample examined	DEF AT 0
11030 / 10756	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 02-SEP-1980	First Sample Examined: 9990
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11150
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10872
API Well Number: 608174010900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 9990 - 11150	Water Depth: 425
Public Info Code: Y 13-JUL-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9760	DEF AT first sample examined	DEF AT 0
11150 / 10873	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 04-FEB-1980	First Sample Examined: 8980
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11726
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 11513
API Well Number: 608174009100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 22
Paleo Report Num: 1 of 1	Sample Range: 8980 - 11726	Water Depth: 100
Public Info Code: Y 28-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8771	DEF AT first sample examined	DEF AT 0
11726 / 11513	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 03-NOV-1980	First Sample Examined: 12750
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 13350
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 12291
API Well Number: 608174012200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 12750 - 13050	Water Depth: 425
Public Info Code: Y 11-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13050 /12002	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13350 /12260	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 28-FEB-1981	First Sample Examined: 10910
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 12226
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 11713
API Well Number: 608174014200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10910 - 12230	Water Depth: 425
Public Info Code: Y 21-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10910 /10491	DEF AT first sample examined	DEF AT 0
12230 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 14-DEC-1981	First Sample Examined: 10890
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11963
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 10868
API Well Number: 608174016300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 425
Public Info Code: Y 19-NOV-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10890 / 9915	DEF AT poor sample interval top	DEF AT 0
11910 /	DEF AT poor sample interval bottom	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 311	Date of Summary: 23-APR-1997	First Sample Examined: 0
Lease Number: G02968	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11963
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 10868
API Well Number: 608174016300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 425
Public Info Code: Y 19-NOV-1991	Ecozone Eq MMS:	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 7092	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 316	Date of Summary: 01-AUG-1988	First Sample Examined: 0
Lease Number: G05833	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7756
API Well Number: 608174024200	Drilling Operator: LOUISIANA LAND OFFSHORE EXPLOR	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 376
Public Info Code: Y 02-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5960 / 5954	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7627 / 7450	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 325	Date of Summary: 01-MAR-1981	First Sample Examined: 1650
Lease Number: G03820	Source of Paleo: OPERATOR	Borehole MD: 12090
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12090
API Well Number: 608174009500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1650 - 12090	Water Depth: 1740
Public Info Code: Y 03-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 / 1650	DEF AT first sample examined	DEF AT 4
1920 / 1920	DEF AT -----	DEF AT 5
2340 / 2340	DEF AT -----	DEF AT 4
3240 / 3240	DEF AT -----	DEF AT 5
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4610 / 4610	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4770 / 4770	DEF AT -----	DEF AT 4
5490 / 5490	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5730 / 5730	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
5790 / 5790	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6690 / 6690	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7490 / 7489	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12090 / 12077	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 329	<b>Date of Summary:</b> 29-AUG-1988	<b>First Sample Examined:</b> 4800
<b>Lease Number:</b> G05836	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11798
<b>API Well Number:</b> 608174032500	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4800 - 11800	<b>Water Depth:</b> 3220
<b>Public Info Code:</b> Y 22-DEC-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT -----	DEF AT 5
5460 /	DEF AT -----	DEF AT 4
5670 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
5730 /	DEF AT local marker foram increase	DEF AT 5
5790 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5850 /	DEF AT -----	DEF AT 3
6180 /	DEF AT -----	DEF AT 4
6210 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6690 /	DEF AT -----	DEF AT 0
6720 /	DEF AT -----	DEF AT 3
6810 /	DEF AT -----	DEF AT 4
6900 /	DEF AT -----	DEF AT 0
6930 /	DEF AT -----	DEF AT 3
7470 /	DEF AT -----	DEF AT 4
7500 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7670 /	DEF AT -----	DEF AT 0
7830 /	DEF AT -----	DEF AT 4
7950 /	DEF AT -----	DEF AT 5
8340 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8550 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8700 /	DEF AT -----	DEF AT 0
8760 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 329	Date of Summary: 29-AUG-1988	First Sample Examined: 4800
Lease Number: G05836	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11798
API Well Number: 608174032500	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4800 - 11800	Water Depth: 3220
Public Info Code: Y 22-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9330 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9630 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10800 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11400 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11550 /	DEF AT - - - - -	DEF AT 4
11670 /	DEF AT local marker foram increase	DEF AT 5
11760 /	DEF AT local marker foram increase	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 355	Date of Summary: 01-OCT-1980	First Sample Examined: 2535
Lease Number: G02964	Source of Paleo: OPERATOR	Borehole MD: 12277
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12277
API Well Number: 608174004400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 2535 - 12280	Water Depth: 1446
Public Info Code: Y 17-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2535 / 2535	DEF AT first sample examined	DEF AT 4
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4080 / 4080	DEF AT faunal change (no faunal increase)	DEF AT 5
4320 / 4320	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5160 / 5160	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7050 / 7049	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7530 / 7529	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7531 / 7530	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
7590 / 7589	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8880 / 8879	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9760 / 9758	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10690 / 10687	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12280 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 361	Date of Summary: 17-JUL-1989	First Sample Examined: 0
Lease Number: G06948	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14860
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14173
API Well Number: 608174034200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 699
Public Info Code: Y 27-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10260 /10160	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 361	Date of Summary: 01-SEP-1989	First Sample Examined: 1740
Lease Number: G06948	Source of Paleo: OPERATOR	Borehole MD: 14860
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14173
API Well Number: 608174034200	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 1740 - 14835	Water Depth: 699
Public Info Code: Y 27-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1740 / 1740	DEF AT first sample examined	DEF AT 3
1741 / 1741	DEF AT cement	DEF AT 3
2250 / 2250	DEF AT -----	DEF AT 4
3180 / 3180	DEF AT -----	DEF AT 5
4605 / 4605	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5175 / 5175	DEF AT local marker floral increase	DEF AT 5
5235 / 5235	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
5265 / 5265	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
5490 / 5490	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
5520 / 5520	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5535 / 5535	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
5550 / 5550	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6030 / 6030	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6135 / 6135	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
6150 / 6150	DEF AT local marker foram increase	DEF AT 5
7665 / 7664	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 5
7965 / 7964	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 5
8580 / 8579	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
8850 / 8848	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10260 / 10160	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
14835 / 14160	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 366	Date of Summary: 18-JAN-1984	First Sample Examined: 1900
Lease Number: G05842	Source of Paleo: OPERATOR	Borehole MD: 14070
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14070
API Well Number: 608174022400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 2	Sample Range: 1900 - 14050	Water Depth: 720
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 /	DEF AT first sample examined	DEF IN 4
2980 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3250 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
4330 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4720 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
4930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7480 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8020 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9790 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
11140 /	DEF AT faunal change (no faunal increase)	POS AT 6
11530 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13540 /	POS AT faunal change (no faunal increase)	POS AT 6
14050 /	DEF AT last sample examined	POS AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 366	Date of Summary: 21-JAN-1985	First Sample Examined: 1900
Lease Number: G05842	Source of Paleo: OPERATOR	Borehole MD: 14070
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14070
API Well Number: 608174022400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 1900 - 14020	Water Depth: 720
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1900 /	DEF AT first sample examined	DEF AT
1901 /	DEF AT cement	DEF AT
2740 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2980 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4360 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4900 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5190 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6220 /	DEF AT local marker (general)	DEF AT 5
7449 /	POS AT unconformity	DEF AT 5
7450 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10690 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14020 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 370	Date of Summary: 19-MAR-1985	First Sample Examined: 3000
Lease Number: G05843	Source of Paleo: OPERATOR	Borehole MD: 15136
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14525
API Well Number: 608174023200	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3000 - 15150	Water Depth: 1725
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT
3001 / 3001	DEF AT cement	DEF AT
3270 / 3270	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3480 / 3480	DEF AT faunal change (no faunal increase)	DEF AT 3
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
4740 / 4740	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5250 / 5250	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
5340 / 5340	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
5370 / 5370	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5790 / 5790	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5791 / 5791	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
5910 / 5910	DEF AT faunal change (no faunal increase)	DEF AT 2
6150 / 6150	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 2
6870 / 6870	DEF AT faunal change (no faunal increase)	DEF AT 3
7530 / 7530	DEF AT faunal change (no faunal increase)	DEF AT 2
8040 / 8036	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
8070 / 8066	DEF AT faunal change (no faunal increase)	DEF AT 4
8550 / 8526	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
9210 / 9145	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
11250 / 11022	POS AT Cyclammina sp. (local marker)	DEF AT 4
14280 / 13761	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
15180 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 370	Date of Summary: 19-MAR-1985	First Sample Examined: 3000
Lease Number: G05843	Source of Paleo: OPERATOR	Borehole MD: 15136
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14525
API Well Number: 608174023200	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 3000 - 15180	Water Depth: 1725
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF AT 0
3270 / 3270	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
5250 / 5250	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
5340 / 5340	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5790 / 5790	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
6150 / 6150	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
9210 / 9145	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
14280 / 13761	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
15090 / 14484	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 397	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: G04939	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10583
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10583
API Well Number: 608174017500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1385
Public Info Code: Y 08-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: 10410=sheath=?gouge?

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 /	POS AT Pliocene	DEF AT 0
10410 /	POS AT gouge	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 455	Date of Summary: 26-MAR-1986	First Sample Examined: 0
Lease Number: G06953	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 21120
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21116
API Well Number: 608174024300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 1400
Public Info Code: Y 30-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17780 /	POS IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 455	Date of Summary: 18-MAR-1987	First Sample Examined: 2654
Lease Number: G06953	Source of Paleo: OPERATOR	Borehole MD: 21120
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21116
API Well Number: 608174024300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 2654 - 21120	Water Depth: 1400
Public Info Code: Y 30-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2654 /	DEF AT first sample examined	DEF AT 3
3840 /	DEF AT - - - - -	DEF AT 4
3845 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5430 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
5999 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
6000 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6540 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
8310 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8370 /	DEF AT - - - - -	DEF AT 5
9150 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10020 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10320 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5
12420 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
13050 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
15840 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
18510 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
19140 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
20310 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
20400 /	DEF AT - - - - -	DEF AT 0
21120 /	DEF AT last sample examined	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 460	Date of Summary:	First Sample Examined: 6020
Lease Number: G06956	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 608174033400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 6020 - 15381	Water Depth: 2693
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Paleo determined by correlation

MD / TVD	Paleo Top Description	Ecozone
6020 /	DEF AT first sample examined	DEF AT 3
6050 /	DEF AT -----	DEF AT 4
6170 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6290 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6350 /	DEF AT -----	DEF AT 3
9030 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
9090 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
10950 /	DEF AT -----	DEF AT 4
12800 /	DEF AT -----	DEF AT 0
12900 /	DEF AT -----	DEF AT 4
13920 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
15381 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 460	<b>Date of Summary:</b> 29-JAN-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06956	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17000
<b>API Well Number:</b> 608174033400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 50
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6020 - 17000	<b>Water Depth:</b> 2693
<b>Public Info Code:</b> Y 01-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6170 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
6290 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9030 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
11315 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
13920 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 502	Date of Summary:	First Sample Examined: 0
Lease Number: G06960	Source of Paleo: OPERATOR	Borehole MD: 16553
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16553
API Well Number: 608174032000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 3	Sample Range: 3900 - 14450	Water Depth: 2440
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Paleo determined by correlation

MD / TVD	Paleo Top Description	Ecozone
4140 /	DEF AT -----	DEF AT 3
4620 /	DEF AT -----	DEF AT 0
6180 /	DEF AT -----	DEF AT 4
6690 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6840 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7200 /	DEF AT -----	DEF AT 0
7740 /	DEF AT -----	DEF AT 3
8190 /	DEF AT -----	DEF AT 2
9000 /	DEF AT -----	DEF AT 3
9390 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
9870 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10230 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
10710 /	DEF AT -----	DEF AT 4
13170 /	DEF AT -----	DEF AT 3
14450 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 502	Date of Summary:	First Sample Examined: 0
Lease Number: G06960	Source of Paleo: OPERATOR	Borehole MD: 16553
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16553
API Well Number: 608174032000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 2440
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack; paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14370 /	POS AT Upper (Late) Miocene	DEF AT 3
16553 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 502	Date of Summary: 02-AUG-1988	First Sample Examined: 0
Lease Number: G06960	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16553
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16553
API Well Number: 608174032000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 3 of 3	Sample Range: 3900 - 16553	Water Depth: 2440
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6690 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
6840 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9390 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
10230 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
14370 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 505	Date of Summary: 20-MAR-1989	First Sample Examined: 4260
Lease Number: G07946	Source of Paleo: OPERATOR	Borehole MD: 14440
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14430
API Well Number: 608174028400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 4260 - 14409	Water Depth: 3174
Public Info Code: Y 27-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4260 /	DEF AT first sample examined	DEF AT 5
6110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8025 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8908 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
13325 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
14163 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
14409 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

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Area Block: MC 542	Date of Summary: 01-NOV-1985	First Sample Examined: 0
Lease Number: G06963	Source of Paleo: OPERATOR	Borehole MD: 2919
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2919
API Well Number: 608174024600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1837
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVDPaleo Top DescriptionEcozone

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 542	Date of Summary: 01-NOV-1985	First Sample Examined: 4550
Lease Number: G06963	Source of Paleo: OPERATOR	Borehole MD: 16004
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14080
API Well Number: 608174025100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 5	Sample Range: 4550 - 9200	Water Depth: 1890
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 / 4549	DEF IN cement	DEF AT 0
4700 / 4699	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 5
5420 / 5394	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6290 / 6179	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7550 / 7320	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8040 / 7768	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8480 / 8169	DEF AT - - - - -	DEF AT 6
8720 / 8387	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
9200 / 8838	DEF AT last sample examined	DEF AT 6
10520 / 10048	POS IN Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 542	Date of Summary: 01-NOV-1985	First Sample Examined: 8630
Lease Number: G06963	Source of Paleo: OPERATOR	Borehole MD: 16004
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14080
API Well Number: 608174025100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 5	Sample Range: 8630 - 16010	Water Depth: 1890
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8630 / 8305	DEF AT first sample examined	DEF AT 6
8720 / 8387	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10520 / 10048	POS IN Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
16010 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 542	Date of Summary: 01-NOV-1985	First Sample Examined: 4550
Lease Number: G06963	Source of Paleo: OPERATOR	Borehole MD: 16004
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14080
API Well Number: 608174025100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 3 of 5	Sample Range: 4550 - 9170	Water Depth: 1890
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
4550 / 4549	DEF AT first sample examined	DEF AT 0
5630 / 5586	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
5810 / 5748	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
6080 / 5990	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
6260 / 6152	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
6350 / 6232	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
7640 / 7403	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
8420 / 8115	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
9170 / 8810	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
9200 / 8838	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 542	Date of Summary: 01-NOV-1985	First Sample Examined: 8630
Lease Number: G06963	Source of Paleo: OPERATOR	Borehole MD: 16004
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14080
API Well Number: 608174025100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 4 of 5	Sample Range: 8630 - 15950	Water Depth: 1890
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 005

Remark: Report=sidetrack=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8630 / 8305	DEF AT first sample examined	DEF AT 0
9020 / 8669	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
9710 / 9318	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT 0
10430 / 9968	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 0
12170 / 11412	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
12620 / 11825	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT 0
14060 / 13199	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 0
15950 / 15027	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 542	Date of Summary: 26-NOV-1985	First Sample Examined: 0
Lease Number: G06963	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16004
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14080
API Well Number: 608174025100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 72
Paleo Report Num: 5 of 5	Sample Range: 0 - 0	Water Depth: 1890
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 6179	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8040 / 7768	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12850 / 12043	POS IN Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 546	Date of Summary: 23-MAR-1989	First Sample Examined: 11060
Lease Number: G06965	Source of Paleo: OPERATOR	Borehole MD: 17400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17242
API Well Number: 608174024000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 11060 - 17400	Water Depth: 2471
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11060 /11060	DEF AT first sample examined	DEF AT 4
14460 /14457	POS AT Upper (Late) Miocene	DEF AT 4
17360 /17303	POS AT Middle Miocene	DEF IN 4
17400 /17341	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 546	Date of Summary: 23-MAR-1989	First Sample Examined: 3970
Lease Number: G06965	Source of Paleo: OPERATOR	Borehole MD: 14700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14698
API Well Number: 608174024070	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3970 - 14670	Water Depth: 2471
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3970	DEF AT first sample examined	DEF AT 3
4390 / 4390	DEF AT -----	DEF AT 4
4750 / 4750	DEF AT -----	DEF AT 3
5260 / 5260	DEF AT -----	DEF AT 0
6220 / 6220	DEF AT -----	DEF AT 2
6370 / 6370	DEF AT -----	DEF AT 4
6880 / 6880	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7330 / 7330	DEF AT -----	DEF AT 3
7930 / 7930	DEF AT -----	DEF AT 4
8920 / 8920	DEF AT -----	DEF AT 3
9670 / 9670	DEF AT -----	DEF AT 4
9760 / 9760	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
9880 / 9880	DEF AT -----	DEF AT 3
10300 / 10300	DEF AT -----	DEF AT 4
10900 / 10900	DEF AT -----	DEF AT 6
11040 / 11040	DEF AT -----	DEF AT 3
11250 / 11250	DEF AT -----	DEF IN 4
14670 / 14668	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 546	Date of Summary: 27-NOV-1990	First Sample Examined: 10065
Lease Number: G06965	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13998
API Well Number: 608174035900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 10065 - 14000	Water Depth: 2500
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report-sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10065 /10065	DEF AT first sample examined	DEF AT 4
10066 /10066	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10970 /10969	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 546	Date of Summary: 27-NOV-1990	First Sample Examined: 6980
Lease Number: G06965	Source of Paleo: OPERATOR	Borehole MD: 10933
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10933
API Well Number: 608174035970	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6980 - 10970	Water Depth: 2500
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS: N	Paleo ID: 001

Remark: Company-integrated foram and nanno report (no nannofossil markers indicated in summary report)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6980	DEF AT first sample examined	DEF AT 0
7400 / 7400	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
8510 / 8510	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
9530 / 9530	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
10970 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 657	Date of Summary: 31-MAR-1988	First Sample Examined: 9450
Lease Number: G08496	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17510
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17509
API Well Number: 608174031400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 9450 - 17510	Water Depth: 7500
Public Info Code: Y 23-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9450 / 9450	DEF AT first sample examined	POS AT 3
9627 / 9627	POS AT local marker foram increase	DEF AT 3
9628 / 9628	DEF AT cement	DEF AT 3
9689 / 9689	POS IN Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 3
9971 / 9971	DEF AT local marker foram increase	DEF IN 3
10002 /10002	DEF AT gray shale	DEF IN 3
10500 /10500	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia menardii</i> (coiling change left/right)	DEF AT 4
10650 /10650	DEF AT cement	POS AT 4
10710 /10710	DEF IN Upper Pliocene (Gelasian) <i>Bolivina impercata</i> / "P"	DEF AT 4
10740 /10740	DEF AT Upper Pliocene (Gelasian) <i>Textularia crassisepa</i> / "P"	DEF AT 4
10860 /10860	POS AT Upper Pliocene (Piacenzian) <i>Globorotalia multicamerata</i>	DEF AT 4
10950 /10950	POS AT Upper Pliocene (Piacenzian) <i>Saracenaria</i> "H"	DEF AT 4
11100 /11100	DEF AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF AT 5
11160 /11160	POS AT Lower Pliocene (Zanclian) <i>Siphotextularia jugosa</i> / "J"	DEF AT 5
11280 /11280	DEF AT Lower Pliocene (Zanclian) <i>Globigerina nepenthes</i>	DEF AT 5
11730 /11730	DEF AT sand	DEF AT 5
11880 /11880	POS AT reworked material	DEF AT 5
12030 /12030	POS AT Lower Pliocene (Zanclian) <i>Sigmoilina</i> "P" / cf. <i>schlumbergeri</i>	DEF AT 5
12300 /12300	DEF AT Lower Pliocene (Zanclian) <i>Globigerinoides mitra</i>	DEF AT 5
12340 /12340	DEF AT cement	DEF AT 5
12420 /12420	DEF AT Lower Pliocene (Zanclian) <i>Sphaeroidinellopsis multiloba</i>	DEF AT 5
12660 /12660	DEF AT local marker foram increase	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 657	Date of Summary: 31-MAR-1988	First Sample Examined: 9450
Lease Number: G08496	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17510
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17509
API Well Number: 608174031400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 9450 - 17510	Water Depth: 7500
Public Info Code: Y 23-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12930 /12930	DEF AT gray shale	DEF AT 5
13500 /13500	DEF AT local marker deep water fauna	DEF AT 5
13650 /13650	DEF AT sand	DEF AT 5
13860 /13860	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
14100 /14099	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
14130 /14129	DEF AT Eggerella sp. (local marker)	DEF AT 5
14370 /14369	DEF AT sand	DEF AT 5
14700 /14699	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
15110 /15109	DEF AT gray shale	DEF AT 5
15470 /15469	DEF AT oxidized shale	DEF AT 5
15500 /15499	DEF AT cement	POS AT 5
15590 /15589	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
15710 /15709	DEF AT Arenaceous fauna (local marker)	DEF AT 6
15800 /15799	DEF AT oxidized shale	DEF AT 6
16100 /16099	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
16490 /16489	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
16520 /16519	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
17390 /17389	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
17450 /17449	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
17480 /17479	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 6
17510 /17509	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 657	Date of Summary: 31-MAR-1988	First Sample Examined: 15580
Lease Number: G08496	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17430
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17340
API Well Number: 608174031401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 15580 - 17510	Water Depth: 7500
Public Info Code: Y 07-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15580 /15579	DEF AT first sample examined	POS AT 5
15581 /15580	DEF AT cement	POS AT 5
15670 /15669	DEF AT faunal change (no faunal increase)	DEF AT 5
15760 /15759	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
16630 /16596	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
16750 /16707	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
17250 /17172	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
17400 /17311	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 709	Date of Summary:	First Sample Examined: 0
Lease Number: G06973	Source of Paleo: OPERATOR	Borehole MD: 11657
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10442
API Well Number: 608174029400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 4060 - 11557	Water Depth: 2599
Public Info Code: Y 01-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 / 4060	DEF AT -----	DEF AT 4
4180 / 4180	DEF AT -----	DEF AT 5
5380 / 5380	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6670 / 6638	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8680 / 8240	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
8860 / 8379	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8950 / 8449	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9100 / 8567	DEF AT local marker (general)	DEF AT 5
10000 / 9253	DEF AT local marker (general)	DEF AT 5
10001 / 9254	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 709	<b>Date of Summary:</b> 07-APR-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06973	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11657
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10442
<b>API Well Number:</b> 608174029400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 2599
<b>Public Info Code:</b> Y 01-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4210 / 4210	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6670 / 6638	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8860 / 8379	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
9000 / 8488	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9850 / 9146	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 709	Date of Summary:	First Sample Examined: 4235
Lease Number: G06973	Source of Paleo: OPERATOR	Borehole MD: 12505
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11040
API Well Number: 608174029900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4235 - 12409	Water Depth: 2488
Public Info Code: Y 01-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4235 / 4235	DEF AT -----	DEF AT 4
4500 / 4500	DEF AT -----	DEF AT 5
5560 / 5560	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7030 / 7028	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8890 / 8670	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
8891 / 8670	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9100 / 8801	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9490 / 9043	DEF AT local marker (general)	DEF AT 5
10000 / 9357	DEF AT local marker (general)	DEF AT 5
10810 / 9858	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11710 / 10415	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12010 / 10601	DEF AT local marker (general)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 730	Date of Summary: 12-APR-1989	First Sample Examined: 7170
Lease Number: G07954	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16012
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16012
API Well Number: 608174033000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 3	Sample Range: 7170 - 16012	Water Depth: 5328
Public Info Code: Y 11-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 /	DEF AT first sample examined	POS AT 5
7171 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	POS AT 5
7710 /	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
7870 /	DEF AT pyrite	DEF AT 5
8340 /	DEF IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
9210 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9240 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9750 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9930 /	DEF AT local marker foram decrease	DEF AT 5
9990 /	DEF AT local marker foram increase	DEF AT 5
10110 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10560 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
11250 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
11520 /	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
12870 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13560 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
14550 /	DEF AT oxidized shale	DEF AT 5
14640 /	DEF AT local marker foram decrease	DEF AT 5
15030 /	DEF AT faunal change (no faunal increase)	DEF AT 6
15090 /	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
16012 /	DEF AT last sample examined	DEF IN 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 755	Date of Summary: 28-MAY-1986	First Sample Examined: 0
Lease Number: G07956	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12619
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12619
API Well Number: 608174026200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 35
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 3098
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6210 / 6208	POS IN Middle Pleistocene	DEF AT 0
7575 / 7571	POS IN Lower Pleistocene	DEF AT 0
8875 / 8870	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 755	Date of Summary: 03-JUL-1989	First Sample Examined: 4680
Lease Number: G07956	Source of Paleo: OPERATOR	Borehole MD: 12619
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12619
API Well Number: 608174026200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 35
Paleo Report Num: 2 of 2	Sample Range: 4680 - 12600	Water Depth: 3098
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 4680	DEF AT first sample examined	DEF AT 5
5470 / 5469	DEF AT -----	DEF AT 4
5640 / 5639	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6540 / 6537	DEF AT -----	DEF AT 5
7110 / 7106	DEF AT -----	DEF AT 4
7500 / 7496	DEF AT -----	DEF AT 5
7560 / 7556	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8100 / 8095	DEF AT -----	DEF AT 4
8670 / 8665	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
8690 / 8685	DEF AT -----	DEF AT 5
8760 / 8755	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
8850 / 8845	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
8910 / 8905	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8940 / 8935	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
8970 / 8965	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9030 / 9025	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9120 / 9115	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
9780 / 9775	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9840 / 9835	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5
12270 / 12265	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT 5
12600 / 12595	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

UNITED STATES DEPARTMENT OF THE INTERIOR  
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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 763	Date of Summary: 29-MAR-1991	First Sample Examined: 5188
Lease Number: G07958	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18804
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18804
API Well Number: 608174035100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 5188 - 18804	Water Depth: 3170
Public Info Code: Y 18-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5188 /	DEF AT first sample examined	POS AT 4
5189 /	DEF AT cement	DEF AT 4
5390 /	DEF AT sand	DEF AT 4
5780 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6020 /	DEF AT cement	POS AT 4
6410 /	DEF AT local marker planktic foram increase	DEF AT 5
6650 /	DEF AT local marker foram increase	DEF AT 5
6860 /	DEF AT gray shale	DEF AT 5
6861 /	DEF AT local marker foram increase	DEF AT 5
7010 /	DEF AT foram flood	DEF AT 5
7340 /	DEF AT sand	DEF AT 5
8060 /	DEF AT cement	POS AT 5
8180 /	DEF AT local marker planktic foram increase	DEF AT 6
8210 /	DEF AT foram flood	DEF AT 6
8330 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 6
8390 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8810 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
9080 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
9230 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 6
9680 /	DEF AT local marker planktic foram increase	DEF AT 6
9710 /	DEF AT local marker planktic foram increase	DEF AT 0
10010 /	DEF AT gray shale	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 763	Date of Summary: 29-MAR-1991	First Sample Examined: 5188
Lease Number: G07958	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18804
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18804
API Well Number: 608174035100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 5188 - 18804	Water Depth: 3170
Public Info Code: Y 18-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10011 /	DEF AT oxidized shale	DEF AT 6
10012 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10400 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10430 /	DEF AT drilling material	DEF AT 6
11480 /	DEF AT sand	DEF AT 6
11780 /	POS AT Upper Miocene (Tortonian) Cibicides trincerensis	DEF AT 6
11809 /	DEF AT foram flood	DEF AT 6
11810 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
12110 /	DEF AT drilling material	DEF AT 6
12140 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
12260 /	DEF AT local marker planktic foram increase	DEF AT 6
13790 /	DEF AT drilling material	DEF AT 6
13800 /	DEF AT cement	POS AT 6
13940 /	DEF AT gray shale	POS AT 6
14179 /	DEF AT foram flood	DEF AT 6
14180 /	DEF IN Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
14240 /	DEF AT local marker foram decrease	DEF AT 6
14810 /	DEF AT local marker planktic foram increase	DEF AT 6
14840 /	DEF AT local marker foram decrease	DEF AT 6
14990 /	DEF AT pyrite	DEF AT 6
15110 /	DEF AT sand	DEF AT 6
15350 /	DEF AT gray shale	DEF AT 6
15440 /	DEF AT local marker planktic foram increase	DEF AT 6
15800 /	DEF AT drilling material	POS AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 763	<b>Date of Summary:</b> 29-MAR-1991	<b>First Sample Examined:</b> 5188
<b>Lease Number:</b> G07958	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 18804
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ROBERT WITROCK	<b>Borehole TVD:</b> 18804
<b>API Well Number:</b> 608174035100	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 50
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5188 - 18804	<b>Water Depth:</b> 3170
<b>Public Info Code:</b> Y 18-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16340 /	DEF AT sand	DEF AT 6
16370 /	DEF AT local marker planktic foram increase	DEF AT 6
16490 /	DEF AT local marker foram decrease	DEF AT 6
16520 /	DEF AT gray shale	DEF AT 6
16850 /	DEF AT sand	DEF AT 6
17150 /	DEF AT gray shale	DEF AT 6
17180 /	DEF AT Arenaceous fauna (local marker)	DEF AT 6
17390 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
17480 /	DEF AT drilling material	DEF AT 6
17630 /	DEF AT local marker planktic foram increase	DEF AT 6
18080 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
18320 /	DEF AT gray shale	DEF AT 6
18409 /	DEF AT Arenaceous fauna (local marker)	DEF AT 6
18410 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
18440 /	DEF AT foram flood	DEF AT 6
18710 /	DEF AT local marker foram decrease	DEF AT 6
18770 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 786	<b>Date of Summary:</b> 01-APR-1988	<b>First Sample Examined:</b> 10260
<b>Lease Number:</b> G08857	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18150
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18150
<b>API Well Number:</b> 608174031800	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 48
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10260 - 18150	<b>Water Depth:</b> 7467
<b>Public Info Code:</b> Y 30-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10260 /	DEF AT first sample examined	POS AT 5
10730 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12020 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12340 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
14820 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
17480 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
18150 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 786	Date of Summary: 15-JUN-1989	First Sample Examined: 10260
Lease Number: G08857	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18150
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 18150
API Well Number: 608174031800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 10260 - 18150	Water Depth: 7467
Public Info Code: Y 30-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10260 /	DEF AT first sample examined	POS AT 4
10261 /	DEF AT cement	POS AT 4
10730 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10740 /	DEF AT cement	POS AT 4
10780 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10960 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
11380 /	DEF AT local marker planktic foram increase	DEF AT 4
11400 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11410 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11480 /	DEF AT local marker deep water fauna	DEF AT 5
11490 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
12720 /	DEF AT oxidized shale	DEF AT 5
12860 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13350 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13480 /	DEF AT local marker foram decrease	DEF AT 5
13970 /	DEF AT local marker foram increase	DEF IN 4
14060 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
14090 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
14100 /	DEF AT pyrite	DEF AT 5
14580 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4
14620 /	DEF AT local marker planktic foram increase	DEF IN 4
14770 /	DEF AT faunal change (no faunal increase)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 786	<b>Date of Summary:</b> 15-JUN-1989	<b>First Sample Examined:</b> 10260
<b>Lease Number:</b> G08857	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 18150
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 18150
<b>API Well Number:</b> 608174031800	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 48
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10260 - 18150	<b>Water Depth:</b> 7467
<b>Public Info Code:</b> Y 30-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14820 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
15150 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
15390 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
15650 /	DEF AT pyrite	DEF AT 5
16270 /	DEF AT local marker foram increase	DEF AT 5
16750 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
17100 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
17130 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
17900 /	POS AT limestone	DEF AT 5
18140 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 837	Date of Summary: 08-FEB-1989	First Sample Examined: 8000
Lease Number: G06982	Source of Paleo: OPERATOR	Borehole MD: 8901
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7388
API Well Number: 608174033200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 8000 - 8900	Water Depth: 1708
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 007

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 6681	DEF AT first sample examined	DEF AT 0
8780 / 7287	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8840 / 7338	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
8900 / 7389	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 837	Date of Summary: 08-FEB-1989	First Sample Examined: 3298
Lease Number: G06982	Source of Paleo: OPERATOR	Borehole MD: 8195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6803
API Well Number: 608174033270	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 3298 - 8190	Water Depth: 1708
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3298 / 3293	DEF AT first sample examined	DEF AT 4
3450 / 3444	DEF AT local marker foram increase	DEF AT 4
4650 / 4538	DEF AT -----	DEF IN 4
4680 / 4561	DEF AT -----	DEF AT 4
5400 / 5027	DEF AT local marker foram increase	DEF AT 4
5490 / 5083	DEF AT local marker foram increase	DEF IN 4
5550 / 5121	DEF AT -----	DEF AT 5
5580 / 5140	DEF AT local marker foram increase	DEF AT 5
5593 / 5148	DEF AT -----	DEF AT 0
5610 / 5159	DEF AT local marker foram decrease	DEF AT 4
5760 / 5254	DEF AT -----	DEF AT 0
6180 / 5528	DEF AT -----	DEF AT 4
6780 / 5921	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
8100 / 6741	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
8190 / 6800	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 837	Date of Summary: 10-FEB-1989	First Sample Examined: 3298
Lease Number: G06982	Source of Paleo: OPERATOR	Borehole MD: 8195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6803
API Well Number: 608174033270	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 3298 - 8160	Water Depth: 1708
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3298 / 3293	DEF AT first sample examined	DEF AT 0
5400 / 5027	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
5490 / 5083	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT 0
5610 / 5159	DEF AT local marker floral decrease	DEF AT 0
8160 / 6780	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 837	<b>Date of Summary:</b> 08-FEB-1989	<b>First Sample Examined:</b> 7980
<b>Lease Number:</b> G06982	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8702
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7155
<b>API Well Number:</b> 608174033271	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7980 - 8700	<b>Water Depth:</b> 1708
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 / 6668	DEF AT first sample examined	DEF AT 4
8250 / 6852	DEF AT -----	DEF AT 0
8340 / 6914	DEF AT -----	DEF IN 4
8370 / 6934	DEF AT -----	DEF AT 5
8400 / 6954	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
8520 / 7036	DEF AT -----	DEF IN 4
8670 / 7134	DEF AT -----	DEF AT 5
8700 / 7153	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 837	<b>Date of Summary:</b> 10-FEB-1989	<b>First Sample Examined:</b> 7980
<b>Lease Number:</b> G06982	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8702
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7155
<b>API Well Number:</b> 608174033271	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7980 - 8700	<b>Water Depth:</b> 1708
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 / 6668	DEF AT first sample examined	DEF AT 0
8400 / 6954	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
8490 / 7016	DEF AT floral flood	DEF AT 0
8610 / 7095	DEF AT local marker floral increase	DEF AT 0
8670 / 7134	DEF AT local marker floral decrease	DEF AT 0
8700 / 7153	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 837	Date of Summary: 08-FEB-1989	First Sample Examined: 8010
Lease Number: G06982	Source of Paleo: OPERATOR	Borehole MD: 9269
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7525
API Well Number: 608174033273	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 8010 - 9267	Water Depth: 1708
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8010 / 6688	DEF AT first sample examined	DEF AT 4
8700 / 7145	DEF AT -----	DEF AT 5
8730 / 7165	DEF AT -----	DEF IN 4
8850 / 7245	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8880 / 7264	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8910 / 7284	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8940 / 7304	DEF AT foram flood	DEF AT 5
8970 / 7324	DEF AT foram flood	DEF AT 5
9267 / 7523	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 837	Date of Summary: 10-FEB-1989	First Sample Examined: 8010
Lease Number: G06982	Source of Paleo: OPERATOR	Borehole MD: 9269
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7525
API Well Number: 608174033273	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 8010 - 9267	Water Depth: 1708
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
8010 / 6688	DEF AT first sample examined	DEF AT 0
8820 / 7225	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
8910 / 7284	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
8940 / 7304	DEF AT floral flood	DEF AT 0
9090 / 7405	DEF AT floral flood	DEF AT 0
9120 / 7425	DEF AT floral flood	DEF AT 0
9150 / 7445	DEF IN Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
9151 / 7446	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
9180 / 7465	DEF AT floral flood	DEF AT 0
9210 / 7485	DEF AT floral flood	DEF AT 0
9267 / 7523	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 839	Date of Summary: 25-SEP-1986	First Sample Examined: 4370
Lease Number: G05869	Source of Paleo: OPERATOR	Borehole MD: 14358
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14358
API Well Number: 608174025200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4370 - 14360	Water Depth: 1952
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 /	DEF AT first sample examined	DEF IN 3
4520 /	DEF AT -----	DEF AT 4
4970 /	DEF AT -----	DEF AT 5
5660 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
6110 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7070 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9140 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9590 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10040 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10250 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12380 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14360 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 839	Date of Summary: 25-SEP-1986	First Sample Examined: 4370
Lease Number: G05869	Source of Paleo: OPERATOR	Borehole MD: 14358
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14358
API Well Number: 608174025200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 4370 - 14360	Water Depth: 1952
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1370 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
4370 /	DEF AT first sample examined	DEF AT 3
5660 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7190 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9200 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
10010 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10100 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
10250 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
12200 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
14360 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 881	Date of Summary: 04-DEC-1990	First Sample Examined: 0
Lease Number: G07967	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10189
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8113
API Well Number: 608174038700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1964
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3536 / 3536	POS AT Pleistocene	DEF AT 0
9990 / 7972	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 899	Date of Summary: 30-JUN-1993	First Sample Examined: 6278
Lease Number: G09896	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19640
Well Name: 004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 19630
API Well Number: 608174039600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 3	Sample Range: 6278 - 19640	Water Depth: 4340
Public Info Code: Y 10-AUG-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6278 / 6278	DEF AT first sample examined	POS AT 4
6279 / 6279	DEF AT drilling material	POS AT 4
7030 / 7030	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
8190 / 8190	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
8580 / 8580	DEF AT local marker planktic foram increase	DEF AT 4
8640 / 8640	DEF AT foram flood	DEF AT 4
8671 / 8671	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9150 / 9150	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9151 / 9151	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
9180 / 9180	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9240 / 9240	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9990 / 9990	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10620 /10620	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11460 /11460	DEF AT local marker foram increase	DEF AT 4
11910 /11910	DEF AT limestone	DEF AT 4
12340 /12340	DEF AT brown shale	DEF AT 4
12600 /12600	DEF AT gray shale	DEF AT 4
12630 /12630	DEF AT drilling material	DEF AT 4
12780 /12780	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
13080 /13080	DEF AT local marker foram decrease	DEF AT 4
13950 /13950	DEF AT local marker planktic foram increase	DEF AT 4
14640 /14640	POS IN Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 899	Date of Summary: 30-JUN-1993	First Sample Examined: 6278
Lease Number: G09896	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19640
Well Name: 004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 19630
API Well Number: 608174039600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 3	Sample Range: 6278 - 19640	Water Depth: 4340
Public Info Code: Y 10-AUG-1993	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14700 /14700	DEF AT local marker planktic foram increase	DEF AT 4
14849 /14848	DEF AT gray shale	DEF AT 4
14850 /14849	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
14880 /14879	DEF AT local marker planktic foram increase	DEF AT 4
15630 /15629	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
16050 /16048	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
16230 /16228	DEF AT local marker planktic foram increase	DEF AT 4
16890 /16887	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
16950 /16946	DEF AT foram flood	DEF IN 4
17250 /17246	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 4
17610 /17605	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17611 /17606	DEF AT local marker planktic foram increase	DEF AT 4
18060 /18054	DEF AT local marker planktic foram increase	DEF AT 4
19050 /19041	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4
19380 /19371	DEF AT local marker foram increase	DEF AT 4
19620 /19610	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 929	Date of Summary: 01-DEC-1987	First Sample Examined: 3400
Lease Number: G06984	Source of Paleo: OPERATOR	Borehole MD: 9582
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 9582
API Well Number: 608174031100	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3400 - 9580	Water Depth: 2250
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
3400 /	DEF AT first sample examined	DEF AT 0
4030 /	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 0
5020 /	DEF AT local marker floral increase	DEF AT 0
5110 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
5200 /	DEF AT local marker floral decrease	DEF AT 0
6790 /	DEF AT local marker floral increase	DEF AT 0
6820 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6940 /	DEF AT local marker floral decrease	DEF AT 0
7270 /	DEF AT local marker floral increase	DEF AT 0
7330 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7510 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7630 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 0
8500 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
8680 /	DEF AT local marker floral decrease	DEF AT 0
9580 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 929	Date of Summary: 17-FEB-1988	First Sample Examined: 3400
Lease Number: G06984	Source of Paleo: OPERATOR	Borehole MD: 9582
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9582
API Well Number: 608174031100	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3400 - 9550	Water Depth: 2250
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 /	DEF AT first sample examined	DEF AT 3
3401 /	DEF AT reworked material	DEF AT 3
4810 /	DEF AT -----	DEF AT 1
5050 /	DEF AT reworked material	DEF AT 3
5500 /	DEF AT -----	DEF AT 2
6340 /	DEF AT -----	DEF AT 1
6640 /	DEF AT -----	DEF AT 2
7360 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7420 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
7630 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
8560 /	DEF AT gypsum	DEF AT 3
8561 /	POS AT salt	DEF AT 3
8800 /	POS AT gypsum	DEF AT 2
9250 /	POS AT cement	DEF AT 3
9400 /	DEF AT gypsum	DEF AT 4
9401 /	POS AT salt	DEF AT 4
9402 /	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9550 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 952	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 8550
<b>Lease Number:</b> G09905	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16820
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16820
<b>API Well Number:</b> 608174037900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 48
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 8550 - 16820	<b>Water Depth:</b> 6660
<b>Public Info Code:</b> Y 30-APR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 /	DEF AT first sample examined	DEF AT 5
8551 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
9900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10200 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10350 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10680 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
10681 /	POS IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5
11490 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11670 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
12600 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
12601 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
16820 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 952	Date of Summary: 10-AUG-1990	First Sample Examined: 0
Lease Number: G09905	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16820
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16820
API Well Number: 608174037900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 6660
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
10260 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11490 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
16000 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 952	Date of Summary: 26-JUN-1991	First Sample Examined: 8550
Lease Number: G09905	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16820
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16820
API Well Number: 608174037900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 3 of 3	Sample Range: 8550 - 16820	Water Depth: 6660
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8550 /	DEF AT first sample examined	DEF AT 0
8551 /	DEF AT cement	DEF AT 0
8580 /	DEF AT sand	DEF AT 4
8640 /	POS IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
9180 /	DEF AT local marker planktic foram increase	DEF AT 4
9360 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9570 /	DEF AT local marker foram decrease	DEF AT 5
9810 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF IN 5
9930 /	DEF AT cement	POS AT 5
10110 /	DEF AT gray shale	DEF AT 5
10140 /	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 6
10141 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 6
10200 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
10350 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
10530 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
10559 /	DEF AT pyrite	DEF AT 6
10560 /	DEF AT local marker foram decrease	POS IN 6
10619 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10620 /	DEF AT local marker planktic foram increase	DEF IN 5
10800 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10920 /	DEF AT drilling material	DEF AT 6
10921 /	DEF AT pyrite	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 952	Date of Summary: 26-JUN-1991	First Sample Examined: 8550
Lease Number: G09905	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16820
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16820
API Well Number: 608174037900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 3 of 3	Sample Range: 8550 - 16820	Water Depth: 6660
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11490 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
11550 /	DEF AT local marker foram decrease	DEF IN 5
11670 /	DEF IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
11730 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11940 /	DEF AT local marker foram decrease	DEF IN 5
12300 /	DEF AT cement	POS IN 5
12450 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
12540 /	DEF AT gray shale	DEF AT 4
12600 /	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
13230 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
13440 /	DEF AT local marker foram decrease	DEF AT 5
13950 /	DEF AT drilling material	POS AT 5
14280 /	DEF AT gray shale	DEF AT 5
14730 /	DEF AT sand	DEF AT 5
15540 /	DEF AT gray shale	POS AT 5
15750 /	DEF AT sand	POS AT 5
15780 /	DEF AT local marker planktic foram increase	DEF AT 5
16230 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
16800 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 975	Date of Summary: 09-JUN-1986	First Sample Examined: 7450
Lease Number: G06985	Source of Paleo: OPERATOR	Borehole MD: 13826
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13811
API Well Number: 608174026300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 4	Sample Range: 7450 - 13789	Water Depth: 2894
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Core examination report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 /	DEF AT first sample examined	DEF IN 5
12991 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13065 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13789 /	DEF AT first sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 975	Date of Summary: 09-JUN-1986	First Sample Examined: 4494
Lease Number: G06985	Source of Paleo: OPERATOR	Borehole MD: 13826
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13811
API Well Number: 608174026300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 4	Sample Range: 4494 - 13830	Water Depth: 2894
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannofossil markers at 10118 and 13065 determined from sidewall core samples

MD / TVD	Paleo Top Description	Ecozone
4494 /	DEF AT first sample examined	DEF AT 0
4680 /	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
7590 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
10118 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
11610 /	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
12720 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
12991 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
13065 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
13140 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
13830 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MC 975	<b>Date of Summary:</b> 09-JUN-1986	<b>First Sample Examined:</b> 4494
<b>Lease Number:</b> G06985	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13826
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13811
<b>API Well Number:</b> 608174026300	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 4494 - 13830	<b>Water Depth:</b> 2894
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4494 /	DEF AT first sample examined	DEF IN 5
4860 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 5
13020 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13050 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13830 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MC 975	Date of Summary: 18-JUN-1986	First Sample Examined: 0
Lease Number: G06985	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13826
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13811
API Well Number: 608174026300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 2894
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9670 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10170 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12190 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
13020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

UNITED STATES DEPARTMENT OF THE INTERIOR  
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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 519	Date of Summary: 24-AUG-1988	First Sample Examined: 4490
Lease Number: G06032	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16800
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16786
API Well Number: 427034029400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4490 - 16820	Water Depth: 65
Public Info Code: Y 28-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4490 / 4490	DEF AT first sample examined	POS AT 1
4550 / 4550	DEF AT local marker foram decrease	DEF AT 1
4670 / 4670	POS AT local marker benthic foram increase	DEF IN 1
4760 / 4760	DEF AT local marker benthic foram increase	DEF AT 2
4790 / 4790	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
4940 / 4940	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
4970 / 4970	DEF AT local marker foram decrease	DEF IN 2
5240 / 5239	DEF AT local marker benthic foram increase	DEF AT 3
5420 / 5419	DEF AT local marker planktic foram increase	DEF IN 3
5570 / 5569	DEF AT local marker foram decrease	DEF AT 3
6860 / 6859	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7400 / 7399	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7520 / 7519	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7521 / 7520	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
7639 / 7638	DEF AT gray shale	DEF IN 3
7640 / 7639	DEF AT foram flood	DEF IN 3
7880 / 7879	DEF AT local marker foram decrease	DEF AT 3
8060 / 8059	DEF AT foram flood	DEF IN 3
8300 / 8299	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8390 / 8389	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8480 / 8479	DEF AT gray shale	DEF AT 3
8570 / 8569	DEF AT local marker foram decrease	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 519	Date of Summary: 24-AUG-1988	First Sample Examined: 4490
Lease Number: G06032	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16800
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16786
API Well Number: 427034029400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4490 - 16820	Water Depth: 65
Public Info Code: Y 28-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8630 / 8629	DEF AT local marker foram increase	DEF AT 3
8660 / 8659	DEF AT local marker foram decrease	DEF AT 3
9470 / 9469	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
9980 / 9979	DEF AT gray shale	DEF AT 3
10520 /10519	DEF AT local marker benthic foram increase	DEF AT 3
10730 /10729	POS AT local marker foram decrease	DEF AT 3
10820 /10819	DEF AT oxidized shale	DEF AT 3
11030 /11029	POS AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 3
11360 /11358	DEF AT gray shale	DEF AT 3
11390 /11388	DEF AT local marker benthic foram increase	DEF AT 3
11420 /11418	DEF AT local marker foram decrease	DEF AT 3
11960 /11958	POS AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 3
12050 /12048	DEF AT local marker foram decrease	DEF AT 3
12410 /12407	DEF AT gray shale	DEF AT 3
12825 /12822	DEF AT cement	POS AT 3
12950 /12946	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
13010 /13006	DEF AT poor sample interval top	DEF AT 3
13188 /13184	POS AT reworked material	DEF AT 3
13189 /13185	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 3
13190 /13186	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
13220 /13216	DEF AT local marker foram decrease	DEF AT 3
14180 /14175	DEF AT poor sample interval bottom	DEF AT 3
14660 /14654	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
14990 /14983	DEF AT gray shale	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 519	<b>Date of Summary:</b> 24-AUG-1988	<b>First Sample Examined:</b> 4490
<b>Lease Number:</b> G06032	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ROBERT WITROCK	<b>Borehole TVD:</b> 16786
<b>API Well Number:</b> 427034029400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4490 - 16820	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 28-MAR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15380 /15371	DEF AT drilling material	POS AT 2
15381 /15372	DEF AT poor sample interval top	POS AT 2
16819 /	DEF AT poor sample interval bottom	POS AT 2
16820 /	DEF AT last sample examined	POS AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 526	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G04136	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12976
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9654
API Well Number: 427033021800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 09-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8700 / 6675	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 526	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G04136	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12215
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 9597
API Well Number: 427033025800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 71
Public Info Code: Y 18-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9820 / 7732	POS IN Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 526	<b>Date of Summary:</b> 12-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04136	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13801
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9975
<b>API Well Number:</b> 427033019000	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 17-SEP-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11830 / 8502	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 526	Date of Summary: 08-DEC-1982	First Sample Examined: 0
Lease Number: G04136	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14860
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 10414
API Well Number: 427033026700	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 27-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12372 / 8601	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 527	<b>Date of Summary:</b> 01-NOV-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03080	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10671
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10033
<b>API Well Number:</b> 427034004300	<b>Drilling Operator:</b> EOG RESOURCES INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 71
<b>Public Info Code:</b> Y 07-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5160 / 5126	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5430 / 5376	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6840 / 6649	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7080 / 6862	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7560 / 7284	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 527	Date of Summary: 01-NOV-1999	First Sample Examined: 0
Lease Number: G03080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10160
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9439
API Well Number: 427034008400	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 71
Public Info Code: Y 19-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5630 / 5281	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5750 / 5391	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7250 / 6773	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7850 / 7324	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8300 / 7738	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 527	Date of Summary: 01-NOV-1999	First Sample Examined: 0
Lease Number: G03080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9209
API Well Number: 427034009000	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 71
Public Info Code: Y 19-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5870 / 5149	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6140 / 5373	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7700 / 6725	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8450 / 7387	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8990 / 7862	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 527	Date of Summary: 10-DEC-1982	First Sample Examined: 3670
Lease Number: G03932	Source of Paleo: OPERATOR	Borehole MD: 11375
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9650
API Well Number: 427034012200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3670 - 11340	Water Depth: 75
Public Info Code: Y 24-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3416	DEF AT first sample examined	DEF AT 1
5346 / 4736	DEF AT faunal change (no faunal increase)	DEF AT 2
7086 / 6118	DEF AT sample gap top	POS AT 2
7479 / 6438	DEF AT sample gap bottom	DEF AT 3
7480 / 6438	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7730 / 6644	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7940 / 6816	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
8480 / 7254	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
9260 / 7893	DEF AT sample gap top	POS AT 4
9520 / 8107	DEF AT sample gap bottom	DEF AT 4
9890 / 8412	DEF AT sample gap top	POS AT 4
10000 / 8503	DEF AT sample gap bottom	DEF AT 4
10350 / 8794	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11340 / 9621	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

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Area Block: MI 527	Date of Summary:	First Sample Examined: 0
Lease Number: G03932	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14572
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13937
API Well Number: 427034003200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 24-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5382 / 5381	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7303 / 7299	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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Start Date: 01-JAN-1988

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Area Block: MI 527	Date of Summary: 27-APR-1982	First Sample Examined: 3497
Lease Number: G03932	Source of Paleo: OPERATOR	Borehole MD: 10245
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9472
API Well Number: 427034009700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3497 - 10240	Water Depth: 66
Public Info Code: Y 01-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3497 / 3497	DEF AT first sample examined	DEF AT 1
4770 / 4711	DEF AT local marker (general)	DEF AT 3
5220 / 5118	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
5490 / 5357	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
5670 / 5512	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
5840 / 5656	DEF AT faunal change (no faunal increase)	DEF AT 3
7010 / 6656	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
7750 / 7298	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
8345 / 7802	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9180 / 8527	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10240 / 9468	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 554	Date of Summary: 29-MAR-1985	First Sample Examined: 0
Lease Number: G06033	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10513
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10492
API Well Number: 427034024300	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5680 / 5680	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7740 / 7740	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8790 / 8790	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary:	First Sample Examined: 0
Lease Number: G03079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11535
API Well Number: 427034000400	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 30-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 / 5372	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5480 / 5432	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6080 / 6030	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6740 / 6688	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
7160 / 7106	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7940 / 7882	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 20-OCT-1980	First Sample Examined: 3060
Lease Number: G03079	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11500
API Well Number: 427034007400	Drilling Operator: MCMORAN EXPLORATION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 3	Sample Range: 3060 - 11490	Water Depth: 75
Public Info Code: Y 18-OCT-1990	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 /	DEF AT first sample examined	DEF AT 1
4493 /	DEF AT - - - - -	DEF AT 3
4772 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5298 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
5515 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
5608 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
5710 /	DEF AT - - - - -	DEF AT 3
6182 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
6577 /	DEF AT sample gap top	DEF AT 0
7076 /	DEF AT sample gap bottom	DEF AT 0
7077 /	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7294 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7976 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8420 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11490 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G03079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 427034007400	Drilling Operator: MCMORAN EXPLORATION CO	Rkb Elevation: 80
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 18-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5515 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5608 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6182 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7294 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8420 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 19-MAR-1981	First Sample Examined: 0
Lease Number: G03079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 427034007400	Drilling Operator: MCMORAN EXPLORATION CO	Rkb Elevation: 80
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 18-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6182 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7294 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8420 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 24-JUN-1981	First Sample Examined: 3590
Lease Number: G03079	Source of Paleo: OPERATOR	Borehole MD: 12638
Well Name: C003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11409
API Well Number: 427034008900	Drilling Operator: MCMORAN OFFSHORE EXPLORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3590 - 12570	Water Depth: 75
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: 5820=Liebusella soldanii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 / 3405	DEF AT first sample examined	DEF AT 1
5040 / 4655	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5640 / 5179	DEF AT - - - - -	DEF AT 4
5820 / 5337	DEF AT local marker deep water fauna	DEF AT 4
6000 / 5495	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
6090 / 5573	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
6180 / 5653	DEF AT - - - - -	DEF AT 3
6720 / 6132	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7680 / 6991	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
8340 / 7578	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
9060 / 8218	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9450 / 8567	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
12570 / 11402	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 16-AUG-1984	First Sample Examined: 0
Lease Number: G03079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12638
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 11409
API Well Number: 427034008900	Drilling Operator: MCMORAN OFFSHORE EXPLORATION	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5495	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6090 / 5573	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6720 / 6132	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8340 / 7578	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9450 / 8567	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 27-APR-1981	First Sample Examined: 3070
Lease Number: G03079	Source of Paleo: OPERATOR	Borehole MD: 10098
Well Name: C004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10098
API Well Number: 427034009200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3070 - 10120	Water Depth: 75
Public Info Code: Y 18-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 3070	DEF AT first sample examined	DEF AT 1
4640 / 4640	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5010 / 5010	DEF AT - - - - -	DEF AT 4
5240 / 5240	DEF AT local marker (general)	DEF AT 4
5420 / 5420	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
5540 / 5540	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
5660 / 5660	DEF AT - - - - -	DEF AT 3
6120 / 6120	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6900 / 6900	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7320 / 7320	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7990 / 7990	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8320 / 8320	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10120 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 27-APR-1981	First Sample Examined: 3300
Lease Number: G03079	Source of Paleo: OPERATOR	Borehole MD: 10702
Well Name: C004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10530
API Well Number: 427034009201	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3300 - 10380	Water Depth: 75
Public Info Code: Y 16-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3300	DEF AT first sample examined	DEF AT 1
4660 / 4626	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5140 / 5093	DEF AT - - - - -	DEF AT 4
5300 / 5248	DEF AT local marker (general)	DEF AT 4
5480 / 5424	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
5570 / 5512	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
5790 / 5726	DEF AT - - - - -	DEF AT 3
6200 / 6126	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7010 / 6923	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7430 / 7332	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
8140 / 8027	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8550 / 8427	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10110 / 9950	DEF AT local marker (general)	DEF AT 4
10380 / 10212	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 555	Date of Summary: 24-MAY-1982	First Sample Examined: 3640
Lease Number: G03932	Source of Paleo: OPERATOR	Borehole MD: 12570
Well Name: C002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10388
API Well Number: 427034012500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 3640 - 11744	Water Depth: 75
Public Info Code: Y 27-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3640 / 3409	DEF AT first sample examined	DEF AT 1
5190 / 4565	DEF AT faunal change (no faunal increase)	DEF AT 3
6090 / 5252	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
6400 / 5489	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
6560 / 5611	DEF AT faunal change (no faunal increase)	DEF AT 3
8140 / 6803	DEF AT sample gap top	POS AT 3
8174 / 6829	DEF AT sample gap bottom	DEF AT 4
8175 / 6830	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
8675 / 7210	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
9776 / 8049	DEF AT sample gap top	POS AT 4
9915 / 8159	DEF AT sample gap bottom	DEF AT 4
9916 / 8160	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11744 / 9668	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 556	Date of Summary:	First Sample Examined: 0
Lease Number: G03080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9901
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9898
API Well Number: 427034001400	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 19-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7690 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9850 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary:	First Sample Examined: 0
Lease Number: G04138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 427034004200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4690 / 4690	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5170 / 5170	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6430 / 6430	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6850 / 6850	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7690 / 7690	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
8050 / 8049	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
9540 / 9531	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 565	<b>Date of Summary:</b> 09-JUL-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04138	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13956
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12686
<b>API Well Number:</b> 427034008200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 73
<b>Public Info Code:</b> Y 26-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1330 / 1329	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5180 / 4826	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5300 / 4934	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6800 / 6268	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7280 / 6684	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
13580 / 12341	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary: 19-SEP-1983	First Sample Examined: 4410
Lease Number: G04138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11214
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9392
API Well Number: 427034019000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4410 / 3534	DEF AT -----	DEF IN 2
6030 / 4686	DEF AT -----	DEF AT 3
6270 / 4850	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6840 / 5258	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8250 / 6469	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9300 / 7486	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9330 / 7515	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10300 / 8481	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary: 08-NOV-1983	First Sample Examined: 3500
Lease Number: G04138	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9497
API Well Number: 427034020700	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9500	Water Depth: 74
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF IN 2
5040 / 5040	DEF AT - - - - -	DEF AT 3
5160 / 5160	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5340 / 5340	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6210 / 6209	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6630 / 6629	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
6990 / 6989	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8610 / 8607	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9430 / 9427	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
9500 / 9497	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: G04138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12126
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11983
API Well Number: 427034006100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1450 / 1447	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4840 / 4704	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5260 / 5124	DEF AT -----	DEF AT 3
5360 / 5224	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6370 / 6233	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6820 / 6683	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7060 / 6923	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9460 / 9322	DEF AT -----	DEF AT 4
10370 / 10230	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: G04138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12007
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9998
API Well Number: 427034007600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6160 / 5036	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6580 / 5331	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7900 / 6297	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8050 / 6409	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8890 / 7064	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: G04138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9108
API Well Number: 427034012900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5075	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6900 / 5794	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7410 / 6250	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7860 / 6680	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8730 / 7539	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 565	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: G04138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9523
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9081
API Well Number: 427034020400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 26-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4230 / 4230	DEF AT faunal change (no faunal increase)	DEF AT 2
5070 / 5051	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5130 / 5106	DEF AT faunal change (no faunal increase)	DEF AT 3
5400 / 5352	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6360 / 6234	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7320 / 7116	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7950 / 7682	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8911 / 8533	POS IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 568	Date of Summary: 07-JAN-1983	First Sample Examined: 1000
Lease Number: G04541	Source of Paleo: OPERATOR	Borehole MD: 13966
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11922
API Well Number: 427034011000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12140	Water Depth: 77
Public Info Code: Y 23-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 1
1240 / 1240	DEF AT -----	DEF AT 2
1480 / 1478	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
1690 / 1683	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1930 / 1913	DEF AT -----	POS AT 2
2170 / 2136	DEF AT -----	DEF AT 2
4990 / 4500	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5380 / 4824	DEF AT -----	DEF AT 3
6250 / 5525	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6550 / 5771	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8080 / 7036	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
8350 / 7264	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8500 / 7392	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10510 / 9021	DEF AT sample gap top	DEF AT 0
10690 / 9161	DEF AT sample gap bottom	DEF AT 0
11260 / 9603	DEF AT sample gap top	DEF AT 0
11440 / 9751	DEF AT sample gap bottom	DEF AT 0
11530 / 9827	DEF AT -----	DEF AT 4
12140 / 10369	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 568	Date of Summary: 22-JUL-1983	First Sample Examined: 0
Lease Number: G04541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13966
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11922
API Well Number: 427034011000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 23-FEB-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1480 / 1478	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
1690 / 1683	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4990 / 4500	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6250 / 5525	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6550 / 5771	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8080 / 7036	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
8350 / 7264	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8500 / 7392	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
13966 / 11922	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 568	Date of Summary: 29-DEC-1988	First Sample Examined: 0
Lease Number: G04541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13670
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11705
API Well Number: 427034019500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 29-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5320 / 4797	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6070 / 5409	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6400 / 5669	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7870 / 6905	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
8020 / 7034	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9250 / 8070	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
13560 / 11616	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 586	Date of Summary: 21-MAY-1993	First Sample Examined: 0
Lease Number: G10195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6864
API Well Number: 427034045300	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 12-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5538 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6198 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 602	Date of Summary: 16-JAN-1989	First Sample Examined: 0
Lease Number: G06036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14841
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14841
API Well Number: 427034033900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 8000 - 13520	Water Depth: 80
Public Info Code: Y 20-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8660 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9740 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 616	Date of Summary: 14-MAY-1984	First Sample Examined: 4970
Lease Number: G06039	Source of Paleo: OPERATOR	Borehole MD: 15944
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15909
API Well Number: 427034022600	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 4970 - 15943	Water Depth: 110
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4970 / 4968	DEF AT first sample examined	DEF IN 2
5120 / 5118	DEF AT -----	DEF AT 3
6470 / 6467	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6560 / 6557	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
7250 / 7246	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9410 / 9405	DEF AT -----	DEF AT 4
11420 / 11412	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
13190 / 13171	DEF AT -----	DEF AT 5
14450 / 14421	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
15943 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 617	Date of Summary: 21-MAR-1989	First Sample Examined: 0
Lease Number: G06040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7092
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7092
API Well Number: 427034035700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 02-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6105 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 622	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G05000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16600
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16562
API Well Number: 427034019100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 03-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 6320	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6740 / 6740	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12040 / 12038	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> M 622	<b>Date of Summary:</b> 13-AUG-1986	<b>First Sample Examined:</b> 6480
<b>Lease Number:</b> G05000	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16600
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16562
<b>API Well Number:</b> 427034019100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5700 - 16600	<b>Water Depth:</b> 87
<b>Public Info Code:</b> Y 03-OCT-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 6480	DEF AT first sample examined	DEF AT 2
6960 / 6960	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9210 / 9209	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9270 / 9269	DEF AT faunal change (no faunal increase)	DEF AT 4
10560 / 10559	DEF AT faunal change (no faunal increase)	DEF AT 5
11130 / 11129	DEF AT faunal change (no faunal increase)	DEF AT 4
11670 / 11668	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
11820 / 11818	DEF AT faunal change (no faunal increase)	DEF AT 3
12450 / 12448	DEF AT faunal change (no faunal increase)	DEF AT 2
14190 / 14177	DEF AT faunal change (no faunal increase)	DEF AT 3
14820 / 14803	DEF AT faunal change (no faunal increase)	DEF AT 2
16600 / 16561	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 622	<b>Date of Summary:</b> 13-AUG-1986	<b>First Sample Examined:</b> 6290
<b>Lease Number:</b> G05000	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16250
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16233
<b>API Well Number:</b> 427034013800	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1200 - 16250	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 18-NOV-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 /	DEF AT first sample examined	DEF AT 2
6830 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8950 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
9790 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10690 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10870 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11560 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12430 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12730 /	DEF AT faunal change (no faunal increase)	DEF AT 2
14120 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14570 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
14960 /	DEF AT faunal change (no faunal increase)	DEF AT 4
15830 /	DEF AT Oligocene	DEF AT 4
15860 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
16250 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 622	<b>Date of Summary:</b> 23-DEC-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05000	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14185
<b>Well Name:</b> C002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14004
<b>API Well Number:</b> 427034018900	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 07-AUG-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 6341	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6830 / 6757	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7550 / 7440	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
8950 / 8799	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9730 / 9576	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10700 / 10543	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 623	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12300
API Well Number: 427034011600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 152
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 17-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4477 / 4477	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5237 / 5237	DEF AT Lower Miocene (Burdigalian) Camerina 1	DEF AT 0
6187 / 6187	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6587 / 6587	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10317 / 10309	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 623	Date of Summary: 28-MAR-1980	First Sample Examined: 4350
Lease Number: G03088	Source of Paleo: OPERATOR	Borehole MD: 10591
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10591
API Well Number: 427034002000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 4350 - 10590	Water Depth: 80
Public Info Code: Y 22-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4350 /	DEF AT first sample examined	DEF IN 2
4800 /	DEF AT - - - - -	DEF AT 3
4860 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5190 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6090 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6990 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8160 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9810 /	DEF AT sample gap top	DEF AT 0
9989 /	DEF AT sample gap bottom	DEF AT 0
9990 /	POS IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
10590 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 623	<b>Date of Summary:</b> 04-APR-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03088	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10591
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10591
<b>API Well Number:</b> 427034002000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 22-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8160 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9990 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 623	Date of Summary: 06-AUG-1997	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 427034010600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 22-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4535 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5245 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6200 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6435 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7940 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9700 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 623	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10835
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10365
API Well Number: 427034012300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 28-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1720 / 1720	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5130 / 4893	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6010 / 5675	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6350 / 5978	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
6870 / 6445	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9200 / 8734	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 623	Date of Summary: 30-APR-1997	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10605
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 10393
API Well Number: 427034014400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 15-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT 0
5150 / 5058	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6000 / 5853	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6350 / 6188	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8000 / 7794	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9350 / 9142	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 623	<b>Date of Summary:</b> 31-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03088	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11105
<b>Well Name:</b> B005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10593
<b>API Well Number:</b> 427034014600	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 118
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 05-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4720 / 4481	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5130 / 4838	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6010 / 5618	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6350 / 5923	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
6870 / 6397	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9250 / 8745	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 623	Date of Summary: 26-OCT-1983	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13433
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 12738
API Well Number: 427034018400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 31-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6075 / 5813	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6350 / 6066	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
6900 / 6569	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9500 / 9000	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 22-MAY-1981	First Sample Examined: 6000
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 11078
Well Name: A001	Paleo Done By: BILL BOULDEN	Borehole TVD: 11074
API Well Number: 427034008600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 6000 - 11070	Water Depth: 75
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 1
6120 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
6630 /	POS AT unconformity	DEF AT 1
6660 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7290 /	DEF AT non-marine sediment	DEF AT 0
7410 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7470 /	DEF AT non-marine sediment	DEF AT 0
7710 /	POS AT unconformity	POS AT 1
7740 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8040 /	DEF AT cement	DEF AT 1
8310 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8340 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
8490 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
8640 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8880 /	DEF AT non-marine sediment	DEF AT 0
8970 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9030 /	DEF AT non-marine sediment	DEF AT 0
9130 /	DEF AT non-marine sediment	DEF AT 0
9131 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9360 /	DEF AT non-marine sediment	DEF AT 0
9420 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10980 /	DEF AT last sample examined	DEF AT 1

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UNITED STATES DEPARTMENT OF THE INTERIOR  
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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 02-OCT-1981	First Sample Examined: 0
Lease Number: G03306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11078
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11074
API Well Number: 427034008600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4415 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7732 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0
8500 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 12-MAR-1982	First Sample Examined: 6000
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 11243
Well Name: A002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10960
API Well Number: 427034011800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6000 - 11250	Water Depth: 75
Public Info Code: Y 08-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5809	DEF AT first sample examined	DEF AT 1
6180 / 5979	DEF AT faunal change (no faunal increase)	POS AT 1
6360 / 6151	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	POS AT 1
6410 / 6198	DEF AT faunal change (no faunal increase)	POS AT 1
6420 / 6208	DEF AT faunal change (no faunal increase)	DEF AT 1
6660 / 6438	DEF AT faunal change (no faunal increase)	DEF AT 1
6870 / 6638	DEF AT faunal change (no faunal increase)	POS AT 1
6900 / 6667	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	POS AT 1
6990 / 6753	DEF AT faunal change (no faunal increase)	DEF AT 1
8460 / 8182	DEF AT faunal change (no faunal increase)	DEF AT 2
8490 / 8212	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
9060 / 8781	DEF AT faunal change (no faunal increase)	DEF AT 1
9180 / 8901	DEF AT faunal change (no faunal increase)	POS AT 1
9240 / 8961	DEF AT faunal change (no faunal increase)	DEF AT 1
9840 / 9561	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 1
10260 / 9981	DEF AT faunal change (no faunal increase)	POS AT 1
10350 / 10071	DEF AT faunal change (no faunal increase)	DEF AT 1
11010 / 10729	DEF AT faunal change (no faunal increase)	DEF AT 2
11160 / 10878	DEF AT faunal change (no faunal increase)	DEF AT 1
11243 / 10960	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 17-AUG-1982	First Sample Examined: 4600
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 13037
Well Name: A003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12647
API Well Number: 427034013200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 4600 - 13038	Water Depth: 75
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4482	DEF AT first sample examined	DEF AT 1
4601 / 4483	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4900 / 4750	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
6340 / 6090	DEF AT faunal change (no faunal increase)	POS AT 1
6460 / 6203	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
6970 / 6682	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 1
8680 / 8312	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
9190 / 8810	POS AT unconformity	POS AT 1
9310 / 8928	DEF AT faunal change (no faunal increase)	POS AT 1
9340 / 8958	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
9670 / 9285	DEF AT non-marine sediment	POS AT 0
9730 / 9345	DEF AT non-marine sediment	POS AT 0
9731 / 9346	DEF AT faunal change (no faunal increase)	POS AT 1
9790 / 9404	DEF AT faunal change (no faunal increase)	DEF AT 1
10780 / 10393	DEF AT non-marine sediment	DEF AT 0
10870 / 10483	DEF AT faunal change (no faunal increase)	DEF AT 1
11140 / 10753	DEF AT non-marine sediment	DEF AT 0
12195 / 11806	DEF AT faunal change (no faunal increase)	DEF AT 1
12370 / 11981	DEF AT faunal change (no faunal increase)	POS AT 1
12610 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 1
12880 /	DEF AT faunal change (no faunal increase)	DEF AT 2
13000 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 17-AUG-1982	First Sample Examined: 4600
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 13037
Well Name: A003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12647
API Well Number: 427034013200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 4600 - 13038	Water Depth: 75
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13038 /	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary:	First Sample Examined: 5070
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 13656
Well Name: A006	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11496
API Well Number: 427034014500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 5070 - 9960	Water Depth: 75
Public Info Code: Y 30-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 / 4504	DEF AT first sample examined	DEF AT 1
5071 / 4505	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5130 / 4552	DEF AT non-marine sediment	DEF AT 0
5160 / 4577	POS AT unconformity	DEF AT 1
5220 / 4626	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
5221 / 4626	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5250 / 4650	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
5370 / 4748	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
5790 / 5092	DEF AT faunal change (no faunal increase)	POS AT 1
5850 / 5141	DEF AT faunal change (no faunal increase)	DEF AT 1
5970 / 5238	DEF AT faunal change (no faunal increase)	DEF AT 0
6000 / 5263	DEF AT sample gap top	DEF AT 0
6179 / 5409	DEF AT sample gap bottom	DEF AT 0
6180 / 5410	DEF AT faunal change (no faunal increase)	DEF AT 1
6270 / 5484	DEF AT non-marine sediment	DEF AT 0
6420 / 5606	DEF AT faunal change (no faunal increase)	DEF AT 1
6780 / 5901	DEF AT faunal change (no faunal increase)	POS AT 1
7020 / 6101	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	POS AT 1
7230 / 6277	DEF AT faunal change (no faunal increase)	DEF AT 1
8060 / 6976	DEF AT faunal change (no faunal increase)	DEF AT 0
8160 / 7057	DEF AT non-marine sediment	DEF AT 0
8640 / 7439	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary:	First Sample Examined: 5070
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 13656
Well Name: A006	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11496
API Well Number: 427034014500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 5070 - 9960	Water Depth: 75
Public Info Code: Y 30-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8760 / 7534	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
8761 / 7535	DEF AT reworked material	DEF AT 1
9330 / 7982	DEF AT faunal change (no faunal increase)	POS AT 1
9480 / 8099	DEF AT faunal change (no faunal increase)	DEF AT 1
9630 / 8217	DEF AT faunal change (no faunal increase)	DEF AT 0
9660 / 8240	DEF AT faunal change (no faunal increase)	DEF AT 1
9840 / 8378	DEF AT faunal change (no faunal increase)	POS AT 1
9900 / 8424	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 1
9960 / 8470	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 624	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 9840
<b>Lease Number:</b> G03306	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13656
<b>Well Name:</b> A006	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 11496
<b>API Well Number:</b> 427034014500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 9840 - 13650	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 30-DEC-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9840 / 8378	DEF AT first sample examined	POS AT 1
9841 / 8379	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	POS AT 1
10020 / 8516	DEF AT faunal change (no faunal increase)	DEF AT 1
10410 / 8808	DEF AT faunal change (no faunal increase)	POS AT 1
10500 / 8876	DEF AT faunal change (no faunal increase)	DEF AT 1
10740 / 9055	DEF AT faunal change (no faunal increase)	POS AT 1
10830 / 9123	DEF AT faunal change (no faunal increase)	DEF AT 1
10890 / 9169	DEF AT sample gap top	DEF AT 0
11237 / 9434	DEF AT sample gap bottom	DEF AT 0
11238 / 9435	DEF AT faunal change (no faunal increase)	DEF AT 1
12690 /10648	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
13320 /11200	POS AT unconformity	DEF AT 2
13321 /11201	POS IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
13380 /11253	DEF AT faunal change (no faunal increase)	DEF AT 1
13440 /11306	DEF AT faunal change (no faunal increase)	DEF AT 2
13530 /11386	DEF AT faunal change (no faunal increase)	POS AT 3
13560 /11412	DEF AT faunal change (no faunal increase)	DEF AT 2
13590 /11439	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
13650 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 27-JAN-1983	First Sample Examined: 4500
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 11067
Well Name: A007	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10913
API Well Number: 427034016000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 4500 - 11040	Water Depth: 75
Public Info Code: Y 24-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4470	DEF AT first sample examined	DEF AT 1
4501 / 4471	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4860 / 4815	DEF AT Middle Miocene (Langhian) Amphistegina "B"	POS AT 1
4920 / 4872	DEF AT faunal change (no faunal increase)	DEF AT 1
4980 / 4929	DEF AT faunal change (no faunal increase)	POS AT 1
5070 / 5015	DEF AT faunal change (no faunal increase)	DEF AT 1
6060 / 5955	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
6090 / 5984	DEF IN Lower Miocene (Burdigalian) Robulus 54B	POS AT 1
6120 / 6013	DEF AT faunal change (no faunal increase)	DEF AT 1
6300 / 6184	DEF AT faunal change (no faunal increase)	POS AT 1
6360 / 6242	DEF AT faunal change (no faunal increase)	DEF AT 1
6450 / 6328	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
6540 / 6413	DEF AT faunal change (no faunal increase)	POS AT 1
6750 / 6614	DEF AT faunal change (no faunal increase)	DEF AT 1
6840 / 6701	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7170 / 7022	DEF AT non-marine sediment	DEF AT 0
7500 / 7348	DEF AT faunal change (no faunal increase)	DEF AT 1
7590 / 7438	DEF AT non-marine sediment	DEF AT 0
8010 / 7857	DEF AT faunal change (no faunal increase)	DEF AT 1
8490 / 8336	DEF AT faunal change (no faunal increase)	POS AT 1
8580 / 8426	DEF AT faunal change (no faunal increase)	DEF AT 1
8640 / 8486	DEF AT faunal change (no faunal increase)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 624	Date of Summary: 27-JAN-1983	First Sample Examined: 4500
Lease Number: G03306	Source of Paleo: OPERATOR	Borehole MD: 11067
Well Name: A007	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10913
API Well Number: 427034016000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 4500 - 11040	Water Depth: 75
Public Info Code: Y 24-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8670 / 8516	DEF AT faunal change (no faunal increase)	POS AT 1
8760 / 8606	DEF AT faunal change (no faunal increase)	DEF AT 1
8880 / 8726	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
9059 / 8905	POS AT unconformity	DEF AT 0
9060 / 8906	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9120 / 8966	DEF AT faunal change (no faunal increase)	POS AT 1
9150 / 8996	DEF AT faunal change (no faunal increase)	DEF AT 1
9300 / 9146	DEF AT faunal change (no faunal increase)	POS AT 1
9480 / 9326	DEF AT non-marine sediment	DEF AT 0
9600 / 9446	DEF AT faunal change (no faunal increase)	POS AT 1
9720 / 9566	DEF AT faunal change (no faunal increase)	DEF AT 1
10680 / 10526	DEF AT non-marine sediment	DEF AT 0
11040 / 10886	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 634	<b>Date of Summary:</b> 30-JAN-1990	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G08995	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7942
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7942
<b>API Well Number:</b> 427034040400	<b>Drilling Operator:</b> SANTA FE MINERALS INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5000 - 7747	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 30-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF IN 2
5600 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
5960 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6950 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7280 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
7747 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 634	<b>Date of Summary:</b> 30-JAN-1990	<b>First Sample Examined:</b> 6680
<b>Lease Number:</b> G08995	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7942
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7942
<b>API Well Number:</b> 427034040400	<b>Drilling Operator:</b> SANTA FE MINERALS INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 6680 - 7940	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 30-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6950 /	DEF AT -----	DEF AT 3
7010 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7220 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
7940 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 634	Date of Summary: 21-FEB-1990	First Sample Examined: 0
Lease Number: G08995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7942
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7942
API Well Number: 427034040400	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 88
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5908 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 636	<b>Date of Summary:</b> 04-MAY-1983	<b>First Sample Examined:</b> 4530
<b>Lease Number:</b> G05001	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16077
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16066
<b>API Well Number:</b> 427034016500	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4530 - 16065	<b>Water Depth:</b> 89
<b>Public Info Code:</b> Y 29-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT first sample examined	DEF AT 0
5210 / 5210	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5450 / 5450	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6050 / 6050	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6790 / 6790	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7210 / 7210	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7930 / 7930	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11580 / 11579	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
16065 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 636	Date of Summary: 05-DEC-1991	First Sample Examined: 2700
Lease Number: G05001	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16077
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16066
API Well Number: 427034016500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 2700 - 16065	Water Depth: 89
Public Info Code: Y 29-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2700	DEF AT first sample examined	DEF AT 1
4530 / 4530	DEF AT local marker benthic foram increase	DEF AT 1
4650 / 4650	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4740 / 4740	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 2
5120 / 5120	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 2
5420 / 5420	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 2
5450 / 5450	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 2
5840 / 5840	POS AT local marker benthic foram increase	DEF AT 3
6050 / 6050	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6220 / 6220	DEF AT local marker foram decrease	DEF AT 3
6760 / 6760	DEF AT local marker foram increase	DEF AT 3
7330 / 7330	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7540 / 7540	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8410 / 8410	DEF AT local marker foram decrease	DEF AT 3
8500 / 8500	DEF AT local marker foram increase	DEF AT 3
8680 / 8680	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9370 / 9370	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9490 / 9490	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 3
10030 / 10030	DEF AT glauconite	DEF AT 4
10060 / 10060	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
10560 / 10560	DEF AT local marker deep water fauna	DEF AT 6
10650 / 10650	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 636	Date of Summary: 05-DEC-1991	First Sample Examined: 2700
Lease Number: G05001	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16077
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16066
API Well Number: 427034016500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 2700 - 16065	Water Depth: 89
Public Info Code: Y 29-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10740 /10740	DEF AT Arenaceous fauna (local marker)	DEF AT 6
10850 /10850	DEF AT local marker planktic foram increase	DEF AT 6
11010 /11009	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 6
11490 /11489	DEF AT glauconite	DEF AT 6
11610 /11609	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 6
11880 /11879	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 6
12180 /12179	DEF AT local marker foram decrease	DEF AT 6
12420 /12419	DEF AT local marker benthic foram increase	DEF AT 6
12450 /12449	DEF AT local marker foram decrease	DEF AT 6
12840 /12839	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 6
13080 /13079	DEF AT local marker foram decrease	DEF AT 6
13860 /13851	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 6
13890 /13880	DEF AT local marker foram decrease	DEF AT 6
14100 /14088	DEF AT local marker planktic foram increase	DEF AT 6
14370 /14356	DEF AT pyrite	DEF AT 6
14820 /14805	DEF IN Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 6
15030 /15014	DEF AT local marker foram decrease	DEF AT 6
16065 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 08-APR-1986	First Sample Examined: 0
Lease Number: G04543	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14081
API Well Number: 427034011400	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 92
Paleo Report Num: 1 of 4	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11640 /11627	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12720 /12702	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 08-APR-1986	First Sample Examined: 0
Lease Number: G04543	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14081
API Well Number: 427034011400	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 92
Paleo Report Num: 2 of 4	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11940 /11924	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12780 /12762	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 31-JAN-1989	First Sample Examined: 3250
Lease Number: G04543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14100
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14081
API Well Number: 427034011400	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 3 of 4	Sample Range: 3250 - 14190	Water Depth: 108
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 / 3250	DEF AT first sample examined	POS AT 1
3251 / 3251	DEF AT cement	POS AT 1
3310 / 3310	DEF AT faunal change (no faunal increase)	DEF AT 1
3370 / 3370	DEF AT local marker foram decrease	DEF AT 1
4809 / 4809	DEF AT local marker benthic foram increase	DEF AT 2
4810 / 4810	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4869 / 4869	DEF AT gray shale	DEF AT 2
4870 / 4870	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5170 / 5170	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5290 / 5290	DEF AT local marker planktic foram increase	DEF AT 3
5530 / 5530	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
5650 / 5650	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
5950 / 5950	DEF AT foram flood	DEF IN 4
5980 / 5980	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 4
6010 / 6010	DEF AT sample gap top	POS IN 4
6040 / 6040	DEF AT sample gap bottom	DEF IN 4
6279 / 6279	DEF AT pyrite	DEF AT 4
6280 / 6280	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
6580 / 6580	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
6620 / 6620	DEF AT local marker benthic foram increase	DEF AT 4
6700 / 6700	DEF AT local marker foram decrease	DEF AT 4
6880 / 6880	DEF AT sample gap top	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 31-JAN-1989	First Sample Examined: 3250
Lease Number: G04543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14100
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14081
API Well Number: 427034011400	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 3 of 4	Sample Range: 3250 - 14190	Water Depth: 108
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6899 / 6899	DEF AT sample gap bottom	POS AT 4
6900 / 6900	DEF AT cement	POS AT 4
7050 / 7050	DEF AT local marker (general)	DEF AT 4
7650 / 7650	DEF AT faunal change (no faunal increase)	DEF IN 3
7680 / 7680	DEF AT pyrite	DEF IN 3
8190 / 8190	DEF AT drilling material	DEF AT 3
8370 / 8370	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT 3
8520 / 8520	DEF AT gray shale	DEF AT 3
8850 / 8850	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8970 / 8970	DEF AT local marker planktic foram increase	DEF IN 3
9150 / 9150	DEF AT local marker benthic foram increase	DEF AT 3
9540 / 9540	DEF AT local marker benthic foram increase	DEF IN 3
10019 /10018	DEF AT cement	POS IN 3
10020 /10019	DEF AT local marker foram decrease	POS IN 3
10199 /10196	DEF AT sand	DEF IN 3
10200 /10197	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 4
11550 /11537	DEF AT faunal change (no faunal increase)	DEF AT 4
11610 /11597	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 4
11640 /11627	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12630 /12612	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
12750 /12732	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13200 /13182	DEF AT local marker foram decrease	DEF AT 4
13230 /13212	POS AT local marker foram increase	DEF AT 4
13890 /13871	POS AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 31-JAN-1989	First Sample Examined: 3250
Lease Number: G04543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14100
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14081
API Well Number: 427034011400	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 3 of 4	Sample Range: 3250 - 14190	Water Depth: 108
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14190 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 10-FEB-1989	First Sample Examined: 10040
Lease Number: G04543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14100
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14081
API Well Number: 427034011400	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 4 of 4	Sample Range: 10040 - 14100	Water Depth: 108
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10040 /10038	DEF AT first sample examined	POS AT 3
10041 /10039	DEF AT cement	POS AT 3
10060 /10058	DEF AT sample gap top	POS AT 3
10200 /10197	DEF AT sample gap bottom	POS AT 3
10230 /10227	POS IN Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
10320 /10316	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 3
10980 /10972	DEF AT local marker benthic foram increase	DEF IN 3
11580 /11567	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
11940 /11924	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12030 /12013	DEF AT pyrite	DEF AT 4
12780 /12762	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
12960 /12942	DEF AT gray shale	DEF AT 4
13650 /13632	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
14070 /14051	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 15-DEC-1987	First Sample Examined: 0
Lease Number: G04543	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16085
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16085
API Well Number: 427034029000	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5810 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6440 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8990 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10910 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11720 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
15432 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 23-FEB-1989	First Sample Examined: 11415
Lease Number: G04543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14100
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14100
API Well Number: 427034029001	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 11415 - 14100	Water Depth: 113
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11415 /11415	DEF AT first sample examined	POS AT 3
11416 /11416	DEF AT cement	POS AT 3
11460 /11460	DEF AT local marker foram decrease	DEF AT 3
11520 /11520	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF IN 3
11760 /11760	DEF AT local marker benthic foram increase	DEF IN 3
11850 /11850	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 3
12000 /11996	DEF AT local marker foram decrease	DEF AT 3
12300 /12284	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12330 /12312	DEF AT local marker foram decrease	DEF AT 3
12660 /12628	DEF AT faunal change (no faunal increase)	DEF AT 4
13350 /13285	DEF AT local marker foram decrease	DEF AT 4
13619 /13542	DEF AT local marker planktic foram increase	DEF AT 4
13620 /13543	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
13650 /13572	DEF AT local marker foram decrease	DEF AT 4
13680 /13601	POS AT local marker foram increase	DEF AT 4
13710 /13630	DEF AT local marker foram decrease	DEF AT 4
13770 /13687	DEF AT gray shale	DEF AT 4
14070 /13973	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 640	Date of Summary: 03-AUG-1988	First Sample Examined: 0
Lease Number: G04543	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 427034032400	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 27-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13450 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 649	Date of Summary: 10-APR-1989	First Sample Examined: 0
Lease Number: G04544	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427034035100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 15-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7063 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 652	Date of Summary: 13-DEC-1989	First Sample Examined: 4530
Lease Number: G04701	Source of Paleo: OPERATOR	Borehole MD: 10588
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10588
API Well Number: 427034040000	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4530 - 10588	Water Depth: 106
Public Info Code: Y 30-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 /	DEF AT first sample examined	DEF IN 2
4860 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5040 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5710 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6450 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7290 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7410 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8310 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10588 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 652	Date of Summary: 26-AUG-1982	First Sample Examined: 905
Lease Number: G04701	Source of Paleo: OPERATOR	Borehole MD: 14975
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13452
API Well Number: 427034011100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 3	Sample Range: 905 - 9790	Water Depth: 90
Public Info Code: Y 30-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
905 / 905	DEF AT first sample examined	DEF AT 0
5170 / 5170	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5620 / 5617	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6190 / 6173	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7420 / 7313	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8140 / 7906	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9790 / 9201	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 652	Date of Summary: 26-AUG-1982	First Sample Examined: 9790
Lease Number: G04701	Source of Paleo: OPERATOR	Borehole MD: 14975
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13452
API Well Number: 427034011100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 2 of 3	Sample Range: 9790 - 14975	Water Depth: 90
Public Info Code: Y 30-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9790 / 9201	DEF AT first sample examined	DEF AT 0
12810 / 11703	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
14975 / 13445	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 652	Date of Summary: 27-FEB-1990	First Sample Examined: 0
Lease Number: G04701	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14975
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13452
API Well Number: 427034011100	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 84
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 30-APR-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5498	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6190 / 6173	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
7420 / 7313	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8140 / 7906	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
12780 / 11679	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
13890 / 12553	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 652	Date of Summary: 23-FEB-1990	First Sample Examined: 0
Lease Number: G04701	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18463
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16272
API Well Number: 427034036700	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 30-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13055 /11693	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
15080 /13381	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 654	<b>Date of Summary:</b> 17-FEB-1983	<b>First Sample Examined:</b> 4546
<b>Lease Number:</b> G04546	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15670
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15025
<b>API Well Number:</b> 427034014200	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4546 - 10950	<b>Water Depth:</b> 88
<b>Public Info Code:</b> Y 13-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4546 / 4546	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
5250 / 5250	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5310 / 5310	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6540 / 6540	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7170 / 7170	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9720 / 9584	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10740 /10511	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 0
10950 /10699	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 655	<b>Date of Summary:</b> 05-JUN-1987	<b>First Sample Examined:</b> 7590
<b>Lease Number:</b> G06046	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13962
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13962
<b>API Well Number:</b> 427034026000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6000 - 13962	<b>Water Depth:</b> 87
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 /	DEF AT first sample examined	DEF AT 2
7650 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8220 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9300 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9630 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10440 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10620 /	DEF AT sample gap top	POS AT 3
10770 /	DEF AT sample gap bottom	DEF AT 3
10940 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11250 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
12090 /	DEF AT faunal change (no faunal increase)	DEF AT 2
13962 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 655	Date of Summary: 30-JUN-1987	First Sample Examined: 6000
Lease Number: G06046	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13962
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13962
API Well Number: 427034026000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 6000 - 13962	Water Depth: 87
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT 2
6240 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6840 /	DEF AT shell fragments	DEF AT 2
7320 /	DEF AT local marker foram decrease	DEF AT 1
7470 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8250 /	DEF AT local marker benthic foram increase	DEF AT 3
9270 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9380 /	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
9540 /	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10320 /	POS AT reworked material	DEF AT 3
10980 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
11280 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
11340 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
11670 /	POS IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
11730 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
11760 /	DEF AT local marker foram decrease	DEF AT 4
12299 /	DEF AT gray shale	DEF AT 4
12300 /	POS AT faunal change (no faunal increase)	DEF AT 4
13710 /	POS AT local marker foram increase	DEF AT 4
13950 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 664	Date of Summary:	First Sample Examined: 0
Lease Number: G03463	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 427034002100	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 138
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 13-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2155 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
3475 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
4005 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 665	Date of Summary: 27-DEC-1977	First Sample Examined: 3000
Lease Number: G03464	Source of Paleo: OPERATOR	Borehole MD: 8722
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8722
API Well Number: 427034001200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 2	Sample Range: 3000 - 8723	Water Depth: 74
Public Info Code: Y 19-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF IN 2
3900 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5280 /	DEF AT sample gap top	DEF AT 0
5640 /	DEF AT sample gap bottom	DEF AT 0
5670 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6630 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
6900 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
7320 /	DEF AT sample gap top	DEF AT 0
7860 /	DEF AT sample gap bottom	DEF AT 0
8550 /	DEF AT sample gap top	DEF AT 0
8579 /	DEF AT sample gap bottom	DEF AT 0
8580 /	POS IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
8700 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
8723 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 665	Date of Summary: 21-AUG-1984	First Sample Examined: 0
Lease Number: G03464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8722
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8722
API Well Number: 427034001200	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 64
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 19-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6900 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
8700 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 665	Date of Summary: 28-SEP-1984	First Sample Examined: 0
Lease Number: G03464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5159
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4299
API Well Number: 427034004800	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 31-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3365	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6900 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 665	Date of Summary: 26-SEP-1978	First Sample Examined: 3750
Lease Number: G03464	Source of Paleo: OPERATOR	Borehole MD: 4250
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4250
API Well Number: 427034001700	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 13-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
330 /	DEF AT first sample examined	DEF IN 3
630 /	DEF AT - - - - -	DEF AT 2
3720 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
3750 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 665	Date of Summary: 03-JUN-1981	First Sample Examined: 0
Lease Number: G03464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4250
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 4250
API Well Number: 427034001700	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 42
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 13-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3720 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 666	Date of Summary: 02-NOV-1983	First Sample Examined: 0
Lease Number: G05170	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427034019400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8212 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
8465 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9390 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 666	Date of Summary: 28-MAR-1988	First Sample Examined: 0
Lease Number: G05170	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12492
API Well Number: 427034031700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5759	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6140 / 6138	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8717 / 8714	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10330 / 10327	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
12050 / 12044	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 668	Date of Summary: 17-FEB-1983	First Sample Examined: 1320
Lease Number: G04547	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 427034011200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1320 - 14000	Water Depth: 93
Public Info Code: Y 04-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3960 /	DEF AT local marker foram increase	DEF AT 0
4530 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
4950 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5310 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
5790 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6090 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6480 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
6900 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
6990 /	DEF AT Eggerella sp. (local marker)	DEF AT 0
7200 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
7620 /	DEF AT local marker benthic foram increase	DEF AT 0
9510 /	DEF AT local marker foram increase	DEF AT 0
10890 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
14000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 668	Date of Summary: 12-JUL-1982	First Sample Examined: 4550
Lease Number: G04547	Source of Paleo: OPERATOR	Borehole MD: 13150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13150
API Well Number: 427034013000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 3	Sample Range: 4550 - 13150	Water Depth: 93
Public Info Code: Y 02-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 /	DEF AT first sample examined	DEF AT 0
4551 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 0
5060 /	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 0
5150 /	DEF AT reworked material	DEF AT 0
6200 /	DEF AT local marker floral decrease	DEF AT 0
6800 /	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT 0
7310 /	DEF AT reworked material	DEF AT 0
7819 /	POS AT reworked material	DEF AT 0
7820 /	POS AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT 0
7910 /	DEF AT local marker floral decrease	DEF AT 0
9740 /	DEF AT sample gap top	DEF AT 0
9769 /	DEF AT sample gap bottom	DEF AT 0
9770 /	DEF AT reworked material	DEF AT 0
11030 /	POS AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT 0
11210 /	POS AT reworked material	DEF AT 0
12229 /	POS AT reworked material	DEF AT 0
12230 /	DEF AT local marker floral increase	DEF AT 0
12320 /	POS AT local marker floral decrease	DEF AT 0
13150 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 668	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04547	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13150
API Well Number: 427034013000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 02-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
6800 /	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
7820 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11030 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 668	Date of Summary: 17-FEB-1983	First Sample Examined: 1200
Lease Number: G04547	Source of Paleo: OPERATOR	Borehole MD: 13150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13150
API Well Number: 427034013000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 3 of 3	Sample Range: 1200 - 13150	Water Depth: 93
Public Info Code: Y 02-AUG-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	DEF AT 0
1201 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4020 /	DEF AT local marker foram increase	DEF AT 0
4500 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
4910 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5210 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
5780 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6500 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
6860 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7760 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 0
9590 /	DEF AT local marker foram increase	DEF AT 0
10820 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
13150 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 668	Date of Summary: 17-FEB-1983	First Sample Examined: 416
Lease Number: G04547	Source of Paleo: OPERATOR	Borehole MD: 14012
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12865
API Well Number: 427034013900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 416 - 13960	Water Depth: 95
Public Info Code: Y 12-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
416 / 416	DEF AT first sample examined	DEF AT 1
1020 / 1020	DEF AT -----	DEF AT 2
1300 / 1299	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1480 / 1478	DEF AT -----	DEF AT 1
4720 / 4205	DEF AT local marker foram increase	DEF AT 1
5230 / 4611	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
5290 / 4659	DEF AT local marker foram increase	DEF AT 2
5860 / 5114	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5950 / 5187	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6580 / 5716	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7540 / 6554	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7600 / 6606	DEF AT local marker foram increase	DEF AT 2
7810 / 6790	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8050 / 6999	DEF AT local marker foram increase	DEF AT 2
8440 / 7343	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8620 / 7506	DEF AT -----	DEF AT 1
9970 / 8826	DEF AT local marker (general)	DEF AT 1
10450 / 9306	DEF AT -----	DEF AT 2
10570 / 9426	DEF AT local marker foram increase	DEF AT 2
11230 / 10085	DEF AT -----	DEF AT 3
11710 / 10565	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
12040 / 10894	DEF AT -----	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 668	Date of Summary: 17-FEB-1983	First Sample Examined: 416
Lease Number: G04547	Source of Paleo: OPERATOR	Borehole MD: 14012
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12865
API Well Number: 427034013900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 416 - 13960	Water Depth: 95
Public Info Code: Y 12-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13960 /12813	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 669	<b>Date of Summary:</b> 03-JUN-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04065	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13794
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12676
<b>API Well Number:</b> 427034005600	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 95
<b>Public Info Code:</b> Y 28-SEP-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 5370	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7200 / 7168	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10290 / 9833	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11400 / 10753	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 669	Date of Summary: 01-FEB-1983	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13415
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12208
API Well Number: 427034012700	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 18-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10215 / 9697	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10908 /10251	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
12350 /11400	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 669	<b>Date of Summary:</b> 19-DEC-1980	<b>First Sample Examined:</b> 4410
<b>Lease Number:</b> G04065	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14920
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14506
<b>API Well Number:</b> 427034007700	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 5	<b>Sample Range:</b> 4410 - 10950	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 07-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 / 4410	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
4950 / 4950	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5280 / 5280	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6840 / 6831	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10080 / 9909	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10950 / 10721	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 669	<b>Date of Summary:</b> 19-MAR-1981	<b>First Sample Examined:</b> 10080
<b>Lease Number:</b> G04065	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14920
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14506
<b>API Well Number:</b> 427034007700	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 2 of 5	<b>Sample Range:</b> 10080 - 10950	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 07-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 / 9909	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10950 / 10721	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 669	Date of Summary: 21-JUL-1983	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14920
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14506
API Well Number: 427034007700	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 110
Paleo Report Num: 4 of 5	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 07-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14920 /14507	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 669	<b>Date of Summary:</b> 08-APR-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04065	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14920
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14506
<b>API Well Number:</b> 427034007700	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 5 of 5	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 07-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 005

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5300	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
6850 / 6841	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10040 / 9870	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10960 / 10731	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
12440 / 12111	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 669	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04065	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13220
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12276
<b>API Well Number:</b> 427034008800	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 06-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9640 / 9564	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10470 / 10309	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 669	Date of Summary: 21-JUL-1983	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13220
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12276
API Well Number: 427034008800	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 06-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9897	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11060 / 10753	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 669	Date of Summary: 11-NOV-1983	First Sample Examined: 4700
Lease Number: G04065	Source of Paleo: OPERATOR	Borehole MD: 15480
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12808
API Well Number: 427034019800	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4700 - 15440	Water Depth: 96
Public Info Code: Y 01-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4700	DEF AT first sample examined	DEF AT 3
4880 / 4880	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5300 / 5293	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6050 / 5972	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
6860 / 6575	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7250 / 6842	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
9290 / 8357	DEF AT -----	DEF AT 3
11330 / 9924	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11600 / 10132	DEF AT -----	DEF AT 3
12260 / 10643	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
14180 / 11971	DEF AT -----	DEF AT 4
15440 / 12782	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: M 669	Date of Summary: 31-DEC-1985	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13831
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13545
API Well Number: 427034017000	Drilling Operator: OXY USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 30-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4950 / 4950	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5310 / 5310	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
5850 / 5850	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6540 / 6540	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
6900 / 6900	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10110 / 9983	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10305 / 10166	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10920 / 10747	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 0
11633 / 11424	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 669	Date of Summary: 13-SEP-1994	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13831
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13545
API Well Number: 427034017000	Drilling Operator: OXY USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 30-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4950 / 4950	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5310 / 5310	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
5850 / 5850	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6540 / 6540	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
6900 / 6900	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10110 / 9983	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10920 / 10747	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 673	<b>Date of Summary:</b> 24-MAR-1986	<b>First Sample Examined:</b> 5520
<b>Lease Number:</b> G08104	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9400
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9400
<b>API Well Number:</b> 427034028200	<b>Drilling Operator:</b> MIDCON EXPLORATION COMPANY GU	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5520 - 9390	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 30-SEP-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 /	DEF AT first sample examined	DEF IN 3
6300 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8460 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9330 /	DEF AT -----	DEF AT 4
9360 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
9390 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 673	Date of Summary: 06-APR-1986	First Sample Examined: 0
Lease Number: G08104	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 427034028200	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 30-SEP-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 /	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 673	Date of Summary: 08-MAY-1987	First Sample Examined: 0
Lease Number: G08104	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14036
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14036
API Well Number: 427034029500	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 30-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8000 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10500 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 673	Date of Summary: 11-APR-1990	First Sample Examined: 0
Lease Number: G08104	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8649
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8642
API Well Number: 427034041700	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 30-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 680	Date of Summary: 27-AUG-1990	First Sample Examined: 0
Lease Number: G08547	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9870
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9870
API Well Number: 427034042300	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 139
Public Info Code: Y 30-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5775 / 5774	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8695 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 680	Date of Summary: 17-SEP-1990	First Sample Examined: 0
Lease Number: G08547	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10768
API Well Number: 427034042301	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 139
Public Info Code: Y 30-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8890 / 8585	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 681	<b>Date of Summary:</b> 26-AUG-1982	<b>First Sample Examined:</b> 4400
<b>Lease Number:</b> G04703	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8675
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8675
<b>API Well Number:</b> 427034014700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4400 - 8690	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 05-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4940 / 4940	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
5685 / 5685	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6055 / 6055	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7260 / 7260	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 683	Date of Summary: 15-JUN-1990	First Sample Examined: 4700
Lease Number: G10200	Source of Paleo: OPERATOR	Borehole MD: 14375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14375
API Well Number: 427034041800	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4700 - 14375	Water Depth: 120
Public Info Code: Y 05-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report; 10130=Marginulina matagordaensis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 /	DEF AT first sample examined	DEF AT 0
4701 /	DEF IN Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT 0
4760 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT 0
4940 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5300 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
5930 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6410 /	DEF AT local marker benthic foram increase	DEF AT 0
6500 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 0
6800 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
6980 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
7040 /	DEF IN Middle Miocene (Langhian) Helicosphaera mediterranea	DEF AT 0
7220 /	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT 0
7430 /	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (variety?)	DEF AT 0
7490 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10130 /	DEF AT local marker floral increase	DEF AT 0
10820 /	DEF AT local marker floral increase	DEF AT 0
11030 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
13695 /	DEF AT poor sample interval top	DEF AT 0
14374 /	DEF AT poor sample interval bottom	DEF AT 0
14375 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 685	<b>Date of Summary:</b> 21-AUG-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04548	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13585
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13585
<b>API Well Number:</b> 427034012000	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 94
<b>Public Info Code:</b> Y 30-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8549 / 8547	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8927 / 8925	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9100 / 9097	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9850 /	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
12000 /	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 685	Date of Summary: 22-JUL-1983	First Sample Examined: 0
Lease Number: G04548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12800
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 11974
API Well Number: 427034016600	Drilling Operator: OXY USA INC	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 08-APR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4829	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
5070 / 5067	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6210 / 6177	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6660 / 6598	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9060 / 8731	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10500 / 9921	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 685	Date of Summary: 26-FEB-1986	First Sample Examined: 0
Lease Number: G04548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12800
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 11974
API Well Number: 427034016600	Drilling Operator: OXY USA INC	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 08-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8750 / 8461	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9140 / 8800	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10360 / 9804	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
12625 / 11816	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 685	Date of Summary: 15-AUG-1986	First Sample Examined: 0
Lease Number: G04548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14135
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 12978
API Well Number: 427034018300	Drilling Operator: OXY USA INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 27-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4650 / 4649	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
5050 / 5049	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5280 / 5278	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6240 / 6230	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6570 / 6555	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9150 / 9026	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10200 / 10015	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 0
10620 / 10393	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 15-MAY-2000	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11052
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11049
API Well Number: 427034001300	Drilling Operator: OXY USA INC	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 05-FEB-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8123 / 8122	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9688 / 9687	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 686	<b>Date of Summary:</b> 05-NOV-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03465	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12012
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11683
<b>API Well Number:</b> 427034001600	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 87
<b>Public Info Code:</b> Y 18-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8876 / 8555	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10269
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9993
API Well Number: 427034003600	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 18-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8465 / 8262	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9438 / 9207	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10910
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 427034003900	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 02-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8889 / 8578	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10243
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10009
API Well Number: 427034004900	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 09-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 8255	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 18-APR-1995	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12231
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9630
API Well Number: 427034007000	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 05-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 4704	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5760 / 4953	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7710 / 6361	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10260 / 8218	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10847 / 8631	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11326 / 8985	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 686	<b>Date of Summary:</b> 06-FEB-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03465	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11305
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9398
<b>API Well Number:</b> 427034008000	<b>Drilling Operator:</b> CANADIANOXY OFFSHORE PRODUCTIO	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 88
<b>Public Info Code:</b> Y 07-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 / 4557	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
5490 / 4896	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5640 / 5009	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6840 / 5970	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10710 / 8944	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 0
11190 / 9316	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 23-APR-1999	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11305
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9398
API Well Number: 427034008000	Drilling Operator: OXY USA INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 07-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9850 / 8293	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11092 / 9241	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 08-APR-1981	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: OPERATOR	Borehole MD: 10835
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9604
API Well Number: 427034009100	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 25-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 4926	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6570 / 5938	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6990 / 6309	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9150 / 8125	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10410 / 9234	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 06-MAY-1982	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10835
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9604
API Well Number: 427034009100	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 25-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9190 / 8160	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10420 / 9243	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 15-DEC-1999	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10277
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 9720
API Well Number: 427034009300	Drilling Operator: OXY USA INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 30-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8410 / 8225	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9022 / 8725	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9919 / 9447	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 16-JUN-1981	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: OPERATOR	Borehole MD: 12809
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 9152
API Well Number: 427034009600	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 28-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 / 4839	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6360 / 4994	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7890 / 5967	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8490 / 6380	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10650 / 7740	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 686	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: G03465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12809
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 9152
API Well Number: 427034009600	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 28-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11880 / 8522	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 696	Date of Summary: 15-APR-1988	First Sample Examined: 1100
Lease Number: G04704	Source of Paleo: OPERATOR	Borehole MD: 8360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8360
API Well Number: 427034013700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 1100 - 8360	Water Depth: 79
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF AT 1
1220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1400 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3680 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3740 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3868 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
3926 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3990 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
4020 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
4050 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4470 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5280 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5520 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6630 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6660 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
6870 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
7410 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
8260 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
8280 /	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 3
8360 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 697	Date of Summary: 21-JUL-1983	First Sample Examined: 0
Lease Number: G04705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8140
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7883
API Well Number: 427034017100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 01-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4070 / 3897	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 699	Date of Summary: 25-FEB-1985	First Sample Examined: 4000
Lease Number: G06055	Source of Paleo: OPERATOR	Borehole MD: 12321
Well Name: 001	Paleo Done By: JACK COLLE	Borehole TVD: 12321
API Well Number: 427034025100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 4000 - 13210	Water Depth: 93
Public Info Code: Y 06-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	POS IN Middle Miocene	DEF AT 1
4180 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4720 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4900 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5860 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6340 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7600 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
9340 /	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
9520 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
11980 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 699	Date of Summary: 09-SEP-1991	First Sample Examined: 0
Lease Number: G06055	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11094
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10019
API Well Number: 427034034500	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 06-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8182 / 7932	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
8666 / 8273	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10347 / 9459	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary:	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10885
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10872
API Well Number: 427034003100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 01-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6200	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6740 / 6740	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9060 / 9060	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10530 / 10527	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 700	<b>Date of Summary:</b> 26-JUN-1979	<b>First Sample Examined:</b> 1050
<b>Lease Number:</b> G03108	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10885
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10872
<b>API Well Number:</b> 427034003100	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1050 - 10860	<b>Water Depth:</b> 93
<b>Public Info Code:</b> Y 01-JUL-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF AT 2
1290 / 1290	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1360 / 1360	DEF AT faunal change (no faunal increase)	DEF AT 2
3400 / 3400	DEF AT sample gap top	POS AT 2
4970 / 4970	DEF AT sample gap bottom	DEF AT 2
6200 / 6200	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6740 / 6740	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7640 / 7640	DEF AT faunal change (no faunal increase)	DEF AT 2
7760 / 7760	DEF AT faunal change (no faunal increase)	DEF AT 3
8360 / 8360	DEF AT faunal change (no faunal increase)	DEF AT 4
8450 / 8450	DEF AT faunal change (no faunal increase)	DEF AT 3
8990 / 8990	DEF AT faunal change (no faunal increase)	DEF AT 4
9050 / 9050	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9182 / 9182	DEF AT faunal change (no faunal increase)	DEF AT 3
9890 / 9890	DEF AT local marker foram increase	DEF AT 4
10136 / 10135	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10532 / 10529	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10860 / 10855	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 700	<b>Date of Summary:</b> 09-DEC-1980	<b>First Sample Examined:</b> 3620
<b>Lease Number:</b> G03108	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10738
<b>Well Name:</b> 005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9018
<b>API Well Number:</b> 427034007800	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3620 - 10738	<b>Water Depth:</b> 104
<b>Public Info Code:</b> Y 24-DEC-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3620 / 3421	DEF AT first sample examined	DEF AT 2
5390 / 4749	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5630 / 4939	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7340 / 6389	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8030 / 6982	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8410 / 7288	DEF AT - - - - -	DEF AT 2
10738 / 9018	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 19-MAR-1981	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10738
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9018
API Well Number: 427034007800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8030 / 6982	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9240
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 8739
API Well Number: 427034008500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 07-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8042 / 7665	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8500 / 8070	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 08-JUL-1980	First Sample Examined: 930
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 12845
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10821
API Well Number: 427034004400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 930 - 12845	Water Depth: 104
Public Info Code: Y 29-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
930 / 930	DEF AT first sample examined	DEF AT 2
4800 / 4413	DEF AT local marker foram increase	DEF AT 3
5420 / 4936	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5930 / 5361	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7250 / 6460	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8030 / 7095	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8180 / 7219	DEF AT sample gap top	DEF AT 0
8449 / 7434	DEF AT sample gap bottom	DEF AT 0
8450 / 7434	DEF AT -----	DEF AT 2
9520 / 8314	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9640 / 8410	DEF AT -----	DEF AT 3
10540 / 9143	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10690 / 9270	DEF AT -----	DEF AT 3
10930 / 9470	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
12670 / 10706	DEF AT local marker foram increase	DEF AT 3
12845 / 10822	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 700	<b>Date of Summary:</b> 28-JAN-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03108	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12845
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10821
<b>API Well Number:</b> 427034004400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 104
<b>Public Info Code:</b> Y 29-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5930 / 5361	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7250 / 6460	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8030 / 7095	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9250 / 8091	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10930 / 9470	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 700	<b>Date of Summary:</b> 14-OCT-1980	<b>First Sample Examined:</b> 2890
<b>Lease Number:</b> G03108	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13770
<b>Well Name:</b> A004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 12932
<b>API Well Number:</b> 427034007300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 2890 - 9656	<b>Water Depth:</b> 104
<b>Public Info Code:</b> Y 01-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2890 / 2890	DEF AT first sample examined	DEF AT 2
4370 / 4302	DEF AT - - - - -	DEF AT 3
4850 / 4746	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5390 / 5253	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6140 / 5942	DEF AT sample gap top	DEF AT 0
6580 / 6325	DEF AT sample gap bottom	DEF AT 0
6640 / 6377	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7270 / 6937	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9260 / 8728	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9590 / 9030	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
9656 / 9091	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 11-NOV-1982	First Sample Examined: 9680
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 13770
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12932
API Well Number: 427034007300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 2 of 3	Sample Range: 9680 - 13740	Water Depth: 104
Public Info Code: Y 01-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9680 / 9113	DEF AT first sample examined	DEF AT 3
9681 / 9114	DEF AT poor sample interval top	DEF AT 3
10009 / 9417	DEF AT poor sample interval bottom	DEF AT 3
10950 /10280	DEF AT sample gap top	DEF AT 0
11505 /10797	DEF AT sample gap bottom	DEF AT 0
11506 /10798	DEF AT -----	DEF AT 2
12480 /11711	DEF AT -----	DEF AT 3
13590 /12760	DEF AT -----	DEF AT 4
13740 /12903	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 10-MAR-1986	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13770
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12932
API Well Number: 427034007300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 01-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 5253	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6640 / 6377	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7270 / 6937	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8739 / 8254	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9260 / 8728	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 05-FEB-1981	First Sample Examined: 3890
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 9917
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9519
API Well Number: 427034007801	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3890 - 9760	Water Depth: 104
Public Info Code: Y 14-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3890 / 3637	DEF AT first sample examined	DEF AT 2
5260 / 4880	DEF AT - - - - -	DEF AT 3
5670 / 5280	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6780 / 6384	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7200 / 6803	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9490 / 9093	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9760 / 9363	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 02-FEB-1993	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9917
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9519
API Well Number: 427034007801	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 14-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 6803	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9510 / 9113	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 29-DEC-1982	First Sample Examined: 9390
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 10392
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9425
API Well Number: 427034016400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 9390 - 10320	Water Depth: 104
Public Info Code: Y 25-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 / 8620	DEF AT first sample examined	DEF AT 3
9810 / 8974	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9870 / 9024	DEF AT -----	DEF AT 3
10320 / 9398	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 21-JUL-1983	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10392
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9425
API Well Number: 427034016400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 25-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7992 / 7455	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9810 / 8974	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 16-JAN-1985	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12545
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10053
API Well Number: 427034016402	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 24-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10762 / 8729	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12235 / 9818	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 14-JUL-1983	First Sample Examined: 2830
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10297
API Well Number: 427034017200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2830 - 11290	Water Depth: 104
Public Info Code: Y 25-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2830 / 2818	DEF AT first sample examined	DEF AT 2
4810 / 4609	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5440 / 5136	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6940 / 6417	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7360 / 6783	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8200 / 7515	DEF AT -----	DEF AT 2
9130 / 8316	DEF AT -----	DEF AT 3
9310 / 8473	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9580 / 8703	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11020 / 9883	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11290 / 10114	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 28-JAN-1985	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9720
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 9506
API Well Number: 427034018201	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 22-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8633 / 8453	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9337 / 9134	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 14-JUL-1982	First Sample Examined: 1530
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 10240
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9479
API Well Number: 427034013600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 1530 - 11200	Water Depth: 93
Public Info Code: Y 02-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1530 / 1530	DEF AT first sample examined	DEF AT 2
4630 / 4513	DEF AT local marker foram increase	DEF AT 3
5060 / 4903	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6330 / 6058	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6810 / 6490	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7095 / 6745	DEF AT -----	DEF AT 2
7995 / 7561	DEF AT sample gap top	DEF AT 0
8369 / 7902	DEF AT sample gap bottom	DEF AT 0
8370 / 7903	DEF AT -----	DEF AT 3
8645 / 8155	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8925 / 8409	DEF AT -----	DEF AT 3
9650 / 9005	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10090 / 9359	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10220 / 9463	DEF AT -----	DEF AT 3
11200 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 700	Date of Summary: 04-OCT-1995	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10240
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 9479
API Well Number: 427034013600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 02-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 / 9005	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 0
10090 / 9359	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 703	Date of Summary: 23-MAY-1979	First Sample Examined: 960
Lease Number: G03733	Source of Paleo: OPERATOR	Borehole MD: 15350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15350
API Well Number: 427034002400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 960 - 15350	Water Depth: 125
Public Info Code: Y 18-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 /	DEF AT first sample examined	DEF AT 1
1260 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
1380 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1680 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2580 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4440 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4560 /	DEF AT - - - - -	DEF AT 2
4650 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4710 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4890 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5370 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6330 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6990 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7370 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7880 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8120 /	POS AT dolomite	DEF AT 2
8360 /	DEF AT limestone	DEF AT 2
8690 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9740 /	DEF AT - - - - -	DEF AT 2
10250 /	DEF AT poor sample interval top	DEF AT 2
10790 /	DEF AT poor sample interval bottom	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 703	Date of Summary: 23-MAY-1979	First Sample Examined: 960
Lease Number: G03733	Source of Paleo: OPERATOR	Borehole MD: 15350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15350
API Well Number: 427034002400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 960 - 15350	Water Depth: 125
Public Info Code: Y 18-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11330 /	DEF AT -----	DEF AT 3
11570 /	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
11930 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
12800 /	DEF AT local marker foram increase	DEF AT 3
13640 /	DEF AT -----	DEF AT 4
14060 /	DEF AT -----	DEF AT 5
14300 /	DEF AT local marker deep water fauna	DEF AT 5
14450 /	DEF AT -----	DEF AT 4
14960 /	DEF AT local marker foram increase	DEF AT 5
15350 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 703	Date of Summary: 04-JAN-1982	First Sample Examined: 400
Lease Number: G03733	Source of Paleo: OPERATOR	Borehole MD: 13596
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12846
API Well Number: 427034010100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 400 - 12230	Water Depth: 125
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
400 / 400	DEF AT first sample examined	DEF AT 1
520 / 520	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
820 / 820	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
1180 / 1180	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
1300 / 1300	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1360 / 1359	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
1480 / 1478	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1600 / 1597	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1660 / 1656	DEF AT -----	DEF AT 1
1720 / 1715	POS AT unconformity	DEF AT 0
1840 / 1833	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4480 / 4153	DEF AT sample gap top	DEF AT 0
4659 / 4305	DEF AT sample gap bottom	DEF AT 0
4660 / 4305	DEF AT -----	DEF AT 2
4720 / 4357	POS AT unconformity	DEF AT 1
5210 / 4783	DEF AT -----	DEF AT 2
5390 / 4942	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6170 / 5639	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6260 / 5721	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7070 / 6464	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7820 / 7150	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
8240 / 7533	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 703	Date of Summary: 04-JAN-1982	First Sample Examined: 400
Lease Number: G03733	Source of Paleo: OPERATOR	Borehole MD: 13596
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12846
API Well Number: 427034010100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 400 - 12230	Water Depth: 125
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8510 / 7783	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8570 / 7840	DEF AT -----	DEF AT 3
8870 / 8127	DEF AT -----	DEF AT 2
9470 / 8717	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
12170 /11414	DEF AT -----	DEF AT 3
12230 /11474	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 703	Date of Summary: 21-JUN-1999	First Sample Examined: 0
Lease Number: G03733	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13596
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12846
API Well Number: 427034010100	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1360 / 1359	POS AT Pliocene	DEF AT 0
1840 / 1833	POS AT Upper (Late) Miocene	DEF AT 0
7070 / 6464	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 703	Date of Summary: 27-MAY-1999	First Sample Examined: 0
Lease Number: G03733	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10004
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10004
API Well Number: 427034010900	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 22-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
4680 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
5670 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8730 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 713	Date of Summary: 29-AUG-1984	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11311
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 9976
API Well Number: 427034017500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 16-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9835 / 8719	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10264 / 9083	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 713	Date of Summary: 15-JAN-1982	First Sample Examined: 910
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 10550
Well Name: B007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10045
API Well Number: 427034010800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 910 - 10550	Water Depth: 105
Public Info Code: Y 05-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
910 / 910	DEF AT first sample examined	DEF AT 2
4760 / 4739	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5030 / 4991	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5360 / 5294	DEF AT sample gap top	DEF AT 0
5539 / 5456	DEF AT sample gap bottom	DEF AT 0
5540 / 5457	DEF AT - - - - -	DEF AT 3
6760 / 6576	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7210 / 6984	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9790 / 9341	DEF AT sample gap top	DEF AT 0
9939 / 9480	DEF AT sample gap bottom	DEF AT 0
9940 / 9481	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10550 / 10046	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 713	Date of Summary: 16-DEC-1996	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10550
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 10045
API Well Number: 427034010800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 05-DEC-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9237 / 8828	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9548 / 9117	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
10230 / 9750	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 713	Date of Summary: 18-APR-1983	First Sample Examined: 9000
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 11508
Well Name: B008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9362
API Well Number: 427034018500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 9000 - 11507	Water Depth: 105
Public Info Code: Y 08-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7337	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
11336 / 9215	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11507 / 9361	DEF IN Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 713	Date of Summary: 21-JUL-1983	First Sample Examined: 0
Lease Number: G03108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11508
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 9362
API Well Number: 427034018500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 08-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7337	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11336 / 9215	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11507 / 9361	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 714	Date of Summary: 25-NOV-1992	First Sample Examined: 0
Lease Number: G09003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9819
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8720
API Well Number: 427034044200	Drilling Operator: AMERICAN EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 30-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
3512 / 3511	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5630 / 5345	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5672 / 5378	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6770 / 6247	DEF AT local marker (general)	DEF AT 0
7700 / 7006	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8870 / 7968	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 715	<b>Date of Summary:</b> 20-DEC-1985	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G06057	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13595
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12051
<b>API Well Number:</b> 427034026900	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 1000 - 10200	<b>Water Depth:</b> 95
<b>Public Info Code:</b> Y 28-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1060 / 1060	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
4350 / 4350	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4410 / 4410	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4620 / 4620	DEF AT -----	DEF AT 3
4740 / 4740	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5070 / 5070	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6870 / 6812	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8640 / 8204	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9300 / 8691	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10200 / 9374	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 715	Date of Summary: 20-DEC-1985	First Sample Examined: 9440
Lease Number: G06057	Source of Paleo: OPERATOR	Borehole MD: 13595
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12051
API Well Number: 427034026900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 4	Sample Range: 9440 - 10050	Water Depth: 95
Public Info Code: Y 28-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9440 / 8795	DEF AT first sample examined	DEF IN 3
9560 / 8884	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10050 / 9257	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MI 715	Date of Summary: 20-DEC-1985	First Sample Examined: 9638
Lease Number: G06057	Source of Paleo: OPERATOR	Borehole MD: 13595
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12051
API Well Number: 427034026900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 3 of 4	Sample Range: 9638 - 9700	Water Depth: 95
Public Info Code: Y 28-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9638 / 8941	DEF AT first sample examined	DEF AT 3
9700 / 8987	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI 715	<b>Date of Summary:</b> 20-DEC-1985	<b>First Sample Examined:</b> 9550
<b>Lease Number:</b> G06057	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13595
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12051
<b>API Well Number:</b> 427034026900	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 9550 - 13595	<b>Water Depth:</b> 95
<b>Public Info Code:</b> Y 28-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9550 / 8877	DEF AT first sample examined	DEF AT 3
11260 /10184	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
13595 /12051	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MI A 7	<b>Date of Summary:</b> 25-JAN-1978	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G03467	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7000
<b>API Well Number:</b> 427034001100	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1000 - 7010	<b>Water Depth:</b> 193
<b>Public Info Code:</b> Y 07-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT 0
3580 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
3850 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
4420 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
4840 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
6850 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7010 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MO 823	<b>Date of Summary:</b> 03-OCT-1983	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G05057	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21736
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 21736
<b>API Well Number:</b> 608154000700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 8000 - 21350	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 04-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=nannos and palynology; 8000-9880=Albian dinoflagellate *Coronifera oceanica* found throughout this interval; 9880=Aptian dinoflagellate *Subtilisphaera perlucida*, and barren of coccoliths; 10400=mid-Aptian dinoflagellate *Oligosphaeridium asterigerum*; 11280=Early Aptian dinoflagellate *Aptea securigera*; most of the well samples are barren of nanofossils

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF AT 0
8001 /	DEF AT Lower Cretaceous Albian Stage	DEF AT 0
9880 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 0
11280 /	POS IN Lower Cretaceous Aptian Stage	DEF AT 0
11900 /	POS IN Lower Cretaceous (Albian) <i>Braarudosphaera africana</i>	DEF AT 0
14729 /	POS AT Lower (Early) Cretaceous	DEF AT 0
14730 /	POS AT Jurassic	DEF AT 0
21350 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 823	Date of Summary: 04-DEC-1991	First Sample Examined: 0
Lease Number: G05057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 21736
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 21736
API Well Number: 608154000700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 04-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3200 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
3794 /	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 0
4059 /	DEF AT Upper Eocene Ocala Formation	DEF AT 0
4956 /	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT 0
6272 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
7639 /	DEF AT Upper Cretaceous "Upper" Eutaw Formation	DEF AT 0
8480 /	DEF AT Upper Cretaceous Lower Tuscaloosa Formation	DEF AT 0
9138 /	DEF IN Upper Cretaceous Lower Tuscaloosa Formation	DEF AT 0
9210 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 0
10160 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 0
11730 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 0
12780 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
13421 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
14570 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
17065 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
19291 /	DEF AT Jurassic Haynesville Formation	DEF AT 0
19777 /	DEF AT Jurassic Buckner Formation	DEF AT 0
20414 /	DEF AT Jurassic Smackover Formation	DEF AT 0
21334 /	DEF AT Jurassic Norphlet Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 826	Date of Summary: 18-SEP-1984	First Sample Examined: 8000
Lease Number: G05747	Source of Paleo: OPERATOR	Borehole MD: 21720
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21720
API Well Number: 608154000900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 8000 - 21720	Water Depth: 49
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF AT 3
8001 / 8000	DEF IN Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 3
8150 / 8149	DEF IN Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT 2
8540 / 8539	DEF AT Upper Cretaceous Woodbine Group/Provincial Stage	DEF IN 1
8870 / 8869	DEF AT -----	DEF AT 1
8900 / 8899	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT 1
9230 / 9229	DEF AT -----	DEF IN 1
9590 / 9589	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF IN 1
11030 /11029	DEF AT -----	DEF AT 1
11150 /11149	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
12590 /12588	DEF AT Lower Cretaceous Mooringsport Formation	DEF IN 1
13190 /13188	POS AT Lower Cretaceous Ferry Lake Anhydrite	DEF IN 1
14240 /14238	DEF AT Lower Cretaceous Barremian Stage	DEF IN 1
14780 /14777	POS AT Lower Cretaceous Sligo (Pettet) Formation	DEF IN 1
14782 /14779	POS AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF IN 1
14990 /14987	DEF AT -----	DEF AT 1
17060 /17057	POS AT Jurassic Bossier Formation	DEF IN 1
17090 /17087	DEF AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF IN 1
17330 /17327	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
19730 /19695	DEF AT Upper Jurassic Kimmeridgian Stage	DEF AT 1
20440 /20391	DEF AT Jurassic Buckner Formation	DEF AT 1
21440 /21372	DEF AT Jurassic Norphlet Formation	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 826	Date of Summary: 18-SEP-1984	First Sample Examined: 8000
Lease Number: G05747	Source of Paleo: OPERATOR	Borehole MD: 21720
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21720
API Well Number: 608154000900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 8000 - 21720	Water Depth: 49
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21720 /21651	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MO 826	<b>Date of Summary:</b> 20-MAR-1985	<b>First Sample Examined:</b> 17523
<b>Lease Number:</b> G05747	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21628
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 21432
<b>API Well Number:</b> 608154000901	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 17523 - 21630	<b>Water Depth:</b> 49
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17523 /17522	DEF AT first sample examined	DEF AT 1
17524 /17523	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
19860 /19747	DEF AT Jurassic Haynesville Formation	DEF AT 1
20660 /20502	DEF IN Jurassic Buckner Formation	DEF AT 1
21500 /21309	POS AT Jurassic Norphlet Formation	DEF AT 1
21630 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 826	Date of Summary: 20-MAR-1985	First Sample Examined: 21048
Lease Number: G05747	Source of Paleo: OPERATOR	Borehole MD: 21728
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21666
API Well Number: 608154000902	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 21048 - 21575	Water Depth: 49
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21048 /20989	DEF AT first sample examined	DEF AT 1
21049 /20990	DEF IN Jurassic Smackover Formation	DEF AT 1
21575 /21512	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 826	Date of Summary: 20-MAR-1985	First Sample Examined: 20993
Lease Number: G05747	Source of Paleo: OPERATOR	Borehole MD: 21728
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21666
API Well Number: 608154000902	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 3	Sample Range: 20993 - 21580	Water Depth: 49
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20993 /20935	DEF AT first sample examined	DEF AT 1
20994 /20936	DEF IN Jurassic Smackover Formation	DEF AT 1
21290 /21228	DEF AT sample gap top	DEF AT 0
21340 /21278	DEF AT sample gap bottom	DEF AT 0
21580 /21517	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MO 826	<b>Date of Summary:</b> 20-MAR-1985	<b>First Sample Examined:</b> 17518
<b>Lease Number:</b> G05747	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21728
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 21666
<b>API Well Number:</b> 608154000902	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 17518 - 21720	<b>Water Depth:</b> 49
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17518 /17517	DEF AT first sample examined	DEF AT 1
17519 /17518	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
19750 /19718	DEF AT Jurassic Haynesville Formation	DEF AT 1
20500 /20452	DEF AT Jurassic Buckner Formation	DEF AT 1
21500 /21437	DEF AT Jurassic Norphlet Formation	DEF AT 1
21720 /21656	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 862	Date of Summary: 07-FEB-1989	First Sample Examined: 6800
Lease Number: G05063	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22087
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 22087
API Well Number: 608154002900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 6800 - 22087	Water Depth: 50
Public Info Code: Y 20-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6800 /	DEF AT first sample examined	DEF AT 3
7040 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 3
7430 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 3
7550 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 3
7820 /	DEF AT sand	DEF AT 3
8660 /	DEF IN Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 3
8810 /	DEF AT gray shale	DEF AT 3
8870 /	DEF AT gray shale	DEF AT 3
9140 /	DEF AT sand	DEF AT 2
9320 /	DEF AT gray shale	DEF AT 2
9710 /	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT 2
9920 /	DEF AT charophytes	DEF AT 1
10070 /	DEF AT limestone	DEF AT 1
10610 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 2
11000 /	DEF AT sand	DEF AT 2
11120 /	POS AT limestone	DEF AT 2
11180 /	POS AT faunal change (no faunal increase)	DEF AT 2
12110 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12380 /	POS AT oxidized shale	DEF AT 2
12559 /	DEF AT limestone	DEF AT 2
12560 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12830 /	POS AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 862	Date of Summary: 07-FEB-1989	First Sample Examined: 6800
Lease Number: G05063	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22087
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 22087
API Well Number: 608154002900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 6800 - 22087	Water Depth: 50
Public Info Code: Y 20-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13430 /	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
14000 /	DEF AT limestone	DEF AT 1
14060 /	DEF IN Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
15250 /	DEF AT limestone	DEF AT 1
15350 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
15530 /	POS AT limestone	DEF AT 1
16250 /	DEF IN Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
17210 /	DEF AT oolites	DEF AT 1
17660 /	DEF AT oolites	DEF AT 2
18409 /	DEF AT local marker ostracod (see remarks)	DEF AT 2
18410 /	POS AT local marker foram increase	DEF AT 2
18440 /	POS IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 2
19550 /	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 2
20299 /	DEF AT oolites	DEF AT 2
20300 /	DEF AT local marker ostracod (see remarks)	DEF AT 2
20360 /	POS AT Jurassic Haynesville Formation	DEF AT 2
21080 /	POS IN Jurassic Smackover Formation	DEF AT 2
21530 /	POS IN Jurassic Smackover Formation	DEF AT 2
21919 /	DEF AT dolomite	DEF AT 2
21920 /	POS AT Jurassic Norphlet Formation	DEF AT 2
22087 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 864	Date of Summary: 01-FEB-1983	First Sample Examined: 0
Lease Number: G05064	Source of Paleo: OPERATOR	Borehole MD: 3050
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3050
API Well Number: 608154000500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 08-FEB-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2740 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 906	Date of Summary: 12-SEP-1997	First Sample Examined: 1230
Lease Number: G05070	Source of Paleo: OPERATOR	Borehole MD: 22552
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 22545
API Well Number: 608154007400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1230 - 22490	Water Depth: 65
Public Info Code: Y 14-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report; 15090=Aptian Nannoconus wassalli

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 / 1230	DEF AT first sample examined	DEF AT 0
2190 / 2190	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
2250 / 2250	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
3690 / 3690	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0
4110 / 4110	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 0
4410 / 4410	DEF IN Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 0
4950 / 4950	DEF IN Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF AT 0
5250 / 5250	DEF IN Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT 0
7200 / 7200	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 0
7320 / 7320	POS IN Upper Cretaceous (Santonian) Marginotruncana sinuosa	DEF AT 0
8490 / 8489	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 0
8730 / 8729	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 0
8970 / 8969	DEF AT local marker (general)	DEF AT 0
9210 / 9209	DEF AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 0
9630 / 9629	POS AT Upper Cretaceous (Cenomanian) Coriollithon kennedyi	DEF AT 0
9960 / 9959	DEF IN Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT 0
15090 / 15089	POS AT Lower Cretaceous (Aptian) Nannoconus truitti (acme)	DEF AT 0
17940 / 17937	DEF AT Lower Cretaceous (Aptian) Nannoconus steinmanni	DEF AT 0
22490 / 22483	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 909	Date of Summary: 08-JUL-1992	First Sample Examined: 2680
Lease Number: G05072	Source of Paleo: OPERATOR	Borehole MD: 22263
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22263
API Well Number: 608154000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2680 - 22260	Water Depth: 62
Public Info Code: Y 30-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 3910=Tampa Limestone

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2680 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
3310 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3430 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3730 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
3910 /	DEF AT limestone	DEF AT 1
4280 /	DEF IN Upper Oligocene (Chattian) Bolivina perca	DEF AT 1
4340 /	POS AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 1
4790 /	DEF AT Upper (Late) Eocene	DEF AT 2
4850 /	DEF AT Middle Eocene	DEF AT 3
4940 /	DEF AT Lower (Early) Eocene	DEF AT 4
5060 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 4
6140 /	POS AT Upper (Late) Paleocene	DEF AT 4
6260 /	DEF AT Upper (Late) Paleocene	DEF AT 4
6440 /	DEF IN Upper (Late) Paleocene	DEF AT 4
6770 /	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT 4
7030 /	DEF AT Upper Cretaceous Campanian Stage	DEF AT 4
7730 /	DEF AT Upper Cretaceous Santonian Stage	DEF AT 4
8240 /	DEF AT Upper Cretaceous Coniacian Stage	DEF AT 1
8360 /	DEF AT Upper Cretaceous Turonian Stage	DEF AT 2
9230 /	DEF AT Upper Cretaceous Woodbine Group/Provincial Stage	DEF AT 1
9680 /	DEF IN Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
10670 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1

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UNITED STATES DEPARTMENT OF THE INTERIOR  
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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MO 909	<b>Date of Summary:</b> 08-JUL-1992	<b>First Sample Examined:</b> 2680
<b>Lease Number:</b> G05072	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 22263
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 22263
<b>API Well Number:</b> 608154000400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2680 - 22260	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 30-MAR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13430 /	DEF IN Lower Cretaceous Mooringsport Formation	DEF AT 1
13520 /	DEF AT sample gap top	POS AT 1
14230 /	DEF AT sample gap bottom	DEF AT 1
15290 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 1
15350 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
15351 /	DEF AT non-marine sediment	DEF AT 0
17590 /	POS AT Lower Cretaceous Valanginian Stage	DEF AT 0
18270 /	POS AT Lower Cretaceous Berriasian Stage	DEF AT 0
20250 /	DEF AT dolomite	DEF AT 0
20251 /	POS AT Jurassic Smackover Formation	DEF AT 0
20450 /	DEF AT limestone	DEF AT 0
20451 /	POS AT Jurassic Smackover Formation	DEF AT 0
22260 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 913	Date of Summary: 01-MAR-1985	First Sample Examined: 3580
Lease Number: G06856	Source of Paleo: OPERATOR	Borehole MD: 22092
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22092
API Well Number: 608154001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 3	Sample Range: 1150 - 4510	Water Depth: 70
Public Info Code: Y 21-DEC-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3580 /	DEF AT first sample examined	DEF AT 0
3700 /	POS AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
3760 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
4150 /	DEF AT Lower Oligocene (Rupelian) Nodosaria blanpiedi	DEF AT 0
4180 /	DEF AT Lower Oligocene (Rupelian) Textularia mississippiensis seligi	DEF AT 0
4420 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 0
4480 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 0
4510 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 913	Date of Summary: 16-APR-1985	First Sample Examined: 14500
Lease Number: G06856	Source of Paleo: OPERATOR	Borehole MD: 22092
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22092
API Well Number: 608154001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 3	Sample Range: 14500 - 21179	Water Depth: 70
Public Info Code: Y 21-DEC-1988	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Report=nannos and palynology (pollen spores and dinoflagellates); 16480=Upper Hauterivian dinoflagellate *Phanerodinium A*; 17920=Upper Valangi *Phanerodinium A* acme plus rare coccolith *Tubodiscus verenae*

MD / TVD	Paleo Top Description	Ecozone
14500 /	DEF AT first sample examined	DEF AT 0
14501 /	DEF IN Lower (Early) Cretaceous	DEF AT 0
15130 /	DEF AT Lower Cretaceous (Barremian) <i>Lithraphidites bollii</i>	DEF AT 0
16480 /	POS AT Lower Cretaceous (Hauterivian) <i>Speetonia colligata</i>	DEF AT 0
17920 /	POS AT Lower Cretaceous (Valanginian) <i>Tubodiscus verenae</i>	DEF AT 0
20440 /	POS IN Lower (Early) Cretaceous	DEF AT 0
20441 /	POS AT Upper Jurassic Tithonian Stage	DEF AT 0
21779 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 913	Date of Summary: 05-SEP-1985	First Sample Examined: 0
Lease Number: G06856	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22092
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22092
API Well Number: 608154001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 21-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
6320 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
7750 /	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT 0
9210 /	POS AT Lower (Early) Cretaceous	DEF AT 0
21050 /	DEF AT Jurassic Smackover Formation	DEF AT 0
21975 /	DEF AT Jurassic Norphlet Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 07-OCT-1991	First Sample Examined: 0
Lease Number: G07852	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22533
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: 4484=Tampa Limestone

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4484 / 4484	DEF AT Upper (Late) Miocene	DEF AT 0
7288 / 7287	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
13414 /13413	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
17816 /17815	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
20645 /20638	DEF AT Jurassic Haynesville Formation	DEF AT 0
22486 /	DEF AT Jurassic Norphlet Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 29-AUG-1994	First Sample Examined: 1500
Lease Number: G07852	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22533
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 22520	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** 9740=Possible turbidite, containing forams with Miocene aspect; 13430=algal fragments and echinoid spines; 20740=Pseudocyclammina lituus; 21880=22000=laminated algal fragments; see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT 2
1501 / 1501	DEF AT shell fragments	DEF AT 2
1502 / 1502	DEF AT sand	DEF AT 2
1920 / 1920	DEF AT local marker foram increase	DEF AT 2
2070 / 2070	DEF AT pyrite	DEF AT 2
2240 / 2240	DEF AT local marker foram increase	DEF AT 2
2241 / 2241	POS IN Upper (Late) Miocene	DEF AT 2
2570 / 2570	DEF AT local marker foram increase	DEF AT 2
3260 / 3260	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
3380 / 3380	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
3710 / 3710	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
4010 / 4010	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
4011 / 4011	DEF AT foram flood	DEF AT 3
4130 / 4130	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
4280 / 4280	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
4309 / 4309	DEF AT limestone	DEF AT 3
4310 / 4310	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
4370 / 4370	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 2
4400 / 4400	DEF AT pyrite	DEF AT 2
4490 / 4490	DEF IN Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 2
4550 / 4550	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 29-AUG-1994	First Sample Examined: 1500
Lease Number: G07852	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22533
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 22520	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4580 / 4580	DEF AT Upper Oligocene (Chattian) Miogypsinoides "A"	DEF AT 2
4760 / 4760	POS AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 2
4790 / 4790	DEF AT limestone	DEF AT 2
5120 / 5120	DEF AT pyrite	DEF AT 2
5359 / 5359	DEF AT sand	DEF AT 3
5360 / 5360	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 3
5479 / 5479	DEF AT foram flood	DEF AT 3
5480 / 5480	DEF AT Upper Eocene (Priabonian) Camerina jacksonensis	DEF AT 3
5630 / 5630	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 3
5660 / 5660	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 3
5720 / 5720	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 3
5780 / 5780	DEF AT Middle Eocene (Bartonian) Subbotina frontosa	DEF AT 3
5810 / 5810	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT 4
5811 / 5811	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 4
5870 / 5869	DEF AT Lower Eocene (Ypresian) Acarinina angulosa	DEF AT 4
5989 / 5988	DEF AT foram flood	DEF AT 4
5990 / 5989	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 4
6080 / 6079	DEF IN Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 4
6140 / 6139	DEF AT local marker ostracod (see remarks)	DEF AT 4
6380 / 6379	POS AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 4
6530 / 6529	DEF AT Upper Paleocene (Selandian) Globorotalia inconstans	DEF AT 4
6800 / 6799	DEF AT Bathysiphon fauna	DEF AT 4
6950 / 6949	POS AT Upper Paleocene (Selandian) Vaginulina midwayensis	DEF AT 4
7040 / 7039	DEF AT sample gap top	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MO 950	<b>Date of Summary:</b> 29-AUG-1994	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G07852	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 22533
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ROBERT WITROCK	<b>Borehole TVD:</b> 22533
<b>API Well Number:</b> 608154007000	<b>Drilling Operator:</b> UNOCAL EXPLORATION CORPORATION	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1500 - 22520	<b>Water Depth:</b> 49
<b>Public Info Code:</b> Y 11-DEC-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7070 / 7069	DEF AT sample gap bottom	DEF AT 4
7099 / 7098	DEF AT local marker ostracod (see remarks)	DEF AT 4
7100 / 7099	DEF AT foram flood	DEF AT 4
7101 / 7100	DEF AT Bathysiphon fauna	DEF AT 4
7190 / 7189	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 4
7250 / 7249	POS AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 4
7280 / 7279	POS AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 4
7340 / 7339	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 4
7400 / 7399	DEF AT local marker planktic foram increase	DEF AT 4
7550 / 7549	DEF AT Bathysiphon fauna	DEF AT 4
7580 / 7579	POS AT Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT 4
7610 / 7609	DEF AT -----	DEF AT 5
7640 / 7639	DEF AT -----	DEF IN 4
7999 / 7998	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT 4
8000 / 7999	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 4
8330 / 8329	DEF AT local marker planktic foram increase	DEF AT 4
8480 / 8479	DEF IN Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 4
8540 / 8539	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 4
8570 / 8569	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 4
8780 / 8779	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 4
8900 / 8899	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana praehelvetica	DEF AT 4
9170 / 9169	DEF IN Upper Cretaceous (Turonian) Helvetoglobotruncana praehelvetica	DEF AT 4
9470 / 9469	DEF IN Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 4
9560 / 9559	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 29-AUG-1994	First Sample Examined: 1500
Lease Number: G07852	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22533
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 22520	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 / 9649	DEF IN Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 3
9720 / 9719	DEF AT local marker ostracod (see remarks)	DEF IN 2
9739 / 9738	DEF AT local marker foram decrease	POS AT 0
9740 / 9739	POS AT out-of-place section	POS AT 0
9770 / 9769	DEF AT - - - - -	DEF AT 2
9949 / 9948	DEF AT local marker ostracod (see remarks)	DEF AT 2
9950 / 9949	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10009 / 10008	DEF AT charophytes	DEF AT 1
10010 / 10009	DEF AT Upper Cretaceous (Cenomanian) Lenticulina gaultina	DEF AT 1
10011 / 10010	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT 1
10040 / 10039	DEF AT local marker foram decrease	POS AT 1
10070 / 10069	DEF AT limestone	DEF AT 1
10249 / 10248	DEF AT charophytes	DEF AT 1
10250 / 10249	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 1
10430 / 10429	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 1
10760 / 10759	DEF AT Arenaceous fauna (local marker)	DEF AT 1
10820 / 10819	POS AT Lower Cretaceous (Albian) Rotalipora ticinensis	DEF AT 1
10939 / 10938	POS AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT 2
10940 / 10939	DEF AT Lower Cretaceous (Albian) Rotalipora ticinensis	DEF AT 2
11030 / 11029	DEF AT local marker foram decrease	DEF AT 1
11930 / 11929	POS AT Arenaceous fauna (local marker)	DEF AT 1
12260 / 12259	DEF AT Arenaceous fauna (local marker)	DEF AT 1
12290 / 12289	DEF AT local marker foram decrease	DEF AT 1
12500 / 12499	DEF AT gray shale	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 29-AUG-1994	First Sample Examined: 1500
Lease Number: G07852	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22533
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 22520	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12501 /12500	DEF AT local marker foram decrease	DEF AT 1
12620 /12619	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 1
13160 /13159	DEF AT local marker ostracod (see remarks)	DEF AT 1
13310 /13309	DEF AT gray shale	DEF AT 1
13430 /13429	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
13550 /13549	POS AT Lower Cretaceous Paluxy Formation	DEF AT 1
13668 /13667	DEF AT limestone	DEF AT 1
13669 /13668	DEF AT oolites	DEF AT 1
13670 /13669	POS AT Lower Cretaceous Mooringsport Formation	DEF AT 1
13970 /13969	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
14120 /14119	POS AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 1
14569 /14568	DEF IN Lower Cretaceous Ferry Lake Anhydrite	DEF AT 1
14570 /14569	DEF AT Lower Cretaceous (Albian) Rehacythereis? aff. R. glabrella (ostracod)	DEF AT 1
14658 /14657	DEF IN oxidized shale	DEF AT 1
14659 /14658	DEF AT oolites	DEF AT 1
14660 /14659	DEF AT Lower Cretaceous (Aptian) Epistomina sp.	DEF AT 1
15200 /15199	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
16250 /16249	DEF IN Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
16430 /16429	POS AT Lower Cretaceous (Barremian) Schuleridea lacustris (ostracod)	DEF AT 1
16730 /16729	DEF AT Lower Cretaceous (Barremian) Schuleridea lacustris (ostracod)	DEF AT 1
17359 /17358	POS IN Lower Cretaceous (Valanginian) Everticyclammina virginulina	DEF AT 1
17360 /17359	POS AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT 1
17510 /17509	DEF AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT 1
17600 /17599	DEF AT drilling material	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 29-AUG-1994	First Sample Examined: 1500
Lease Number: G07852	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22533
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 22520	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17780 /17779	DEF AT Lower Cretaceous (Berriasian) Pentaschuleridea pentagonalis (ostracod)	DEF AT 1
17870 /17869	POS AT Arenaceous fauna (local marker)	DEF AT 1
17930 /17929	DEF AT oolites	DEF AT 1
17990 /17989	POS AT Upper Jurassic (Tithonian) Buccricrenata italica (increase)	DEF AT 1
18110 /18109	POS IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
18260 /18259	DEF AT Upper Jurassic (Tithonian) Anchispirocyclina lusitanica	DEF AT 1
18440 /18439	POS IN Upper Jurassic (Tithonian) Gallaecytheridea postrotunda (ostracod)	DEF AT 1
18950 /18948	POS AT Upper Jurassic Reinholdella "A" (increase)	DEF AT 2
19720 /19716	POS AT Upper Jurassic (Kimmeridgian) Ammobacculites coprolithiformis	DEF AT 2
20680 /20673	POS AT Jurassic Haynesville Formation	DEF AT 2
20740 /20732	POS AT Cyclammina sp. (local marker)	DEF AT 2
20860 /20852	DEF AT oolites	DEF AT 2
20890 /20882	DEF AT limestone	DEF AT 2
20919 /20911	DEF AT dolomite	DEF AT 1
20920 /20912	POS AT Jurassic Smackover Formation	DEF AT 1
21159 /21150	DEF AT oolites	DEF AT 1
21160 /21151	DEF AT Jurassic Smackover Formation	DEF AT 1
21369 /21360	POS IN Upper Jurassic (Tithonian) Epistomina uhligi	DEF AT 1
21370 /21361	DEF IN Upper Jurassic (Kimmeridgian) Alveosepta jaccardi	DEF AT 1
21371 /21362	DEF IN Upper Jurassic (Kimmeridgian) Epistomina mosquensis	DEF AT 1
21460 /21451	DEF AT oolites	DEF AT 1
21550 /21541	DEF AT charophytes	DEF AT 1
21580 /21571	DEF AT Arenaceous fauna (local marker)	DEF AT 1
21705 /	DEF AT sample gap top	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 950	Date of Summary: 29-AUG-1994	First Sample Examined: 1500
Lease Number: G07852	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 22533
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 22533
API Well Number: 608154007000	Drilling Operator: UNOCAL EXPLORATION CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 22520	Water Depth: 49
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
21729 /	DEF AT sample gap bottom	DEF AT 0
21730 /	POS AT anhydrite	DEF AT 1
21790 /	DEF AT sample gap top	DEF AT 0
21820 /	DEF AT sample gap bottom	DEF AT 0
21880 /	DEF IN Jurassic Smackover Formation	DEF AT 1
22230 /	POS AT Upper Jurassic (Oxfordian) Globuligerina oxfordiana	DEF AT 1
22349 /	DEF AT reworked material	POS AT 2
22350 /	POS AT Middle Jurassic (Callovian) Reinholdella crebra	POS AT 2
22380 /	POS AT Middle Jurassic (Callovian) Epistomina regularis	POS AT 2
22469 /	POS AT pyrite	POS AT 2
22470 /	DEF AT drilling material	POS AT 2
22471 /	POS AT Jurassic Norphlet Formation	POS AT 2
22498 /	POS AT salt	POS AT 1
22499 /	POS AT Jurassic Pine Hill Anhydrite Member	POS AT 1
22500 /	POS AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 991	Date of Summary: 31-DEC-1986	First Sample Examined: 1000
Lease Number: G07857	Source of Paleo: OPERATOR	Borehole MD: 23195
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 23191
API Well Number: 608154003400	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 1 of 4	Sample Range: 1000 - 8020	Water Depth: 82
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 0
2590 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
2920 /	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
4630 /	DEF AT Middle Miocene (Serravallian) Sphenolithus moriformis	DEF AT 0
4690 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 0
4940 /	DEF AT sample gap top	DEF AT 0
6430 /	DEF AT sample gap bottom	DEF AT 0
6490 /	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT 0
6610 /	POS AT Upper Eocene (Priabonian) Discoaster saipanensis	DEF AT 0
7030 /	DEF AT Lower Eocene (Ypresian) Tribrachiatus contortus	DEF AT 0
8020 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 991	Date of Summary: 31-DEC-1986	First Sample Examined: 1000
Lease Number: G07857	Source of Paleo: OPERATOR	Borehole MD: 23195
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 23191
API Well Number: 608154003400	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 2 of 4	Sample Range: 1000 - 8020	Water Depth: 82
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: N	Paleo ID: 004

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1900 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2140 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
2290 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2530 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2830 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
3070 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4120 /	DEF AT sample gap top	DEF AT 2
4149 /	DEF AT sample gap bottom	DEF AT 4
4150 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
4570 /	DEF AT deepwater facies Harang	DEF AT 5
4630 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
4690 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
4840 /	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT 4
4940 /	DEF AT drilling material	DEF AT 0
6430 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 4
6431 /	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 4
6490 /	POS IN Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT 5
7030 /	DEF AT Lower Eocene (Ypresian) Tribrachiatus contortus	DEF AT 5
7660 /	POS AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 6
7780 /	POS AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 6
7840 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 991	Date of Summary: 31-DEC-1986	First Sample Examined: 1000
Lease Number: G07857	Source of Paleo: OPERATOR	Borehole MD: 23195
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 23191
API Well Number: 608154003400	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 2 of 4	Sample Range: 1000 - 8020	Water Depth: 82
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: N	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 991	Date of Summary: 23-DEC-1987	First Sample Examined: 8020
Lease Number: G07857	Source of Paleo: OPERATOR	Borehole MD: 23195
Well Name: 002	Paleo Done By: JERRY WANDERS	Borehole TVD: 23191
API Well Number: 608154003400	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 3 of 4	Sample Range: 8020 - 23160	Water Depth: 82
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Palynological report; at 8020, 8290 ecozones are marine; spore and pollen species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 /	DEF AT first sample examined	DEF AT 0
8021 /	DEF AT Upper Cretaceous Campanian Stage	DEF AT 0
8290 /	DEF AT Upper Cretaceous Coniacian Stage	DEF AT 0
9100 /	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT 1
10000 /	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT 1
10270 /	DEF AT Lower Cretaceous Albian Stage	DEF AT 1
14230 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 1
15220 /	DEF AT Lower Cretaceous Barremian Stage	DEF AT 1
15760 /	DEF AT Lower Cretaceous Hauterivian Stage	DEF AT 1
16930 /	DEF AT Lower Cretaceous Valanginian Stage	DEF AT 1
17560 /	DEF AT Lower Cretaceous Berriasian Stage	DEF AT 1
17561 /	POS AT Upper Jurassic Tithonian Stage	DEF AT 1
18300 /	DEF AT Upper Jurassic Kimmeridgian Stage	DEF AT 1
20430 /	POS AT Upper Jurassic Oxfordian Stage	DEF AT 1
23158 /	POS IN Upper Jurassic Oxfordian Stage	DEF AT 1
23159 /	POS AT Middle Jurassic Callovian Stage	DEF AT 1
23160 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 991	Date of Summary: 09-JAN-1992	First Sample Examined: 0
Lease Number: G07857	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23195
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 23191
API Well Number: 608154003400	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20846 /	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
23108 /	DEF IN Jurassic Norphlet Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 999	Date of Summary: 15-AUG-1987	First Sample Examined: 0
Lease Number: G07863	Source of Paleo: OPERATOR	Borehole MD: 24274
Well Name: 001	Paleo Done By: REECE DE GRAFFENRIED	Borehole TVD: 24274
API Well Number: 608154003700	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 112
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=formations

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 /	DEF IN Oligocene Frio Formation/Provincial Stage	DEF AT 0
4736 /	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 0
5230 /	DEF AT Upper Eocene Jackson Group/Provincial Stage	DEF AT 0
5480 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 0
6824 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
8190 /	DEF AT Upper Cretaceous "Lower" Eutaw Formation	DEF AT 0
8960 /	DEF AT Upper Cretaceous Lower Tuscaloosa Formation	DEF AT 0
9329 /	DEF AT unconformity	DEF AT 0
9465 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 0
9660 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 0
12126 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 0
13084 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
13830 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
14284 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 0
15523 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
17828 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
18318 /	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
18742 /	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
20930 /	DEF AT Jurassic Haynesville Formation	DEF AT 0
21540 /	DEF AT Jurassic Haynesville Formation	DEF AT 0
21541 /	DEF AT Jurassic Buckner Formation	DEF AT 0
22560 /	DEF AT Jurassic Smackover Formation	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 999	Date of Summary: 15-AUG-1987	First Sample Examined: 0
Lease Number: G07863	Source of Paleo: OPERATOR	Borehole MD: 24274
Well Name: 001	Paleo Done By: REECE DE GRAFFENRIED	Borehole TVD: 24274
API Well Number: 608154003700	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 112
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
24050 /	DEF AT Jurassic Norphlet Formation	DEF AT 0
24146 /	DEF AT Jurassic Pine Hill Anhydrite Member	DEF AT 0
24151 /	DEF AT Jurassic Louann Salt	DEF AT 0
24274 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 999	Date of Summary: 15-AUG-1987	First Sample Examined: 1190
Lease Number: G07863	Source of Paleo: OPERATOR	Borehole MD: 24274
Well Name: 001	Paleo Done By: REECE DE GRAFFENRIED	Borehole TVD: 24274
API Well Number: 608154003700	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 112
Paleo Report Num: 2 of 3	Sample Range: 1190 - 5480	Water Depth: 84
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1190 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
1640 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
2240 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
2600 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
3470 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
3500 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
3650 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
3920 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
3980 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
4160 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
4250 /	DEF AT local marker (general)	DEF AT 0
4370 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
4970 /	DEF AT Lower Oligocene (Rupelian) Spiroplectammina mississippiensis	DEF AT 0
5000 /	POS AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 0
5180 /	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 0
5210 /	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 0
5270 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 0
5360 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 0
5420 /	POS AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 0
5450 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 0
5479 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 0
5480 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 999	Date of Summary: 15-AUG-1987	First Sample Examined: 6090
Lease Number: G07863	Source of Paleo: OPERATOR	Borehole MD: 24274
Well Name: 001	Paleo Done By: REECE DE GRAFFENRIED	Borehole TVD: 24274
API Well Number: 608154003700	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 112
Paleo Report Num: 3 of 3	Sample Range: 6090 - 19620	Water Depth: 84
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack 1; 6600=Upper Paleocene (Thanetian) Pseudoeponides medialis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 /	DEF AT first sample examined	DEF AT 0
6091 /	DEF IN Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 0
6420 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 0
6540 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 0
6600 /	DEF AT local marker foram increase	DEF AT 0
6630 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 0
6750 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 0
6780 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
7530 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 0
8190 /	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 0
8490 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 0
9660 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 0
13410 /	POS AT Lower Cretaceous Trinity Group/Provincial Stage	DEF AT 0
15510 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
16080 /	DEF IN Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
17880 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
19620 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 27-JAN-1986	First Sample Examined: 1120
Lease Number: G06867	Source of Paleo: OPERATOR	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 1120 - 23110	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; 14260=Aptian Nannoconus bucheri; 14410=Lowermost Aptian Nannoconus flood

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1120 /	DEF AT first sample examined	DEF AT 0
1121 /	DEF IN Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
1150 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
1690 /	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 0
1720 /	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 0
1930 /	POS AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 0
1960 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
2320 /	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT 0
2740 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0
2860 /	DEF AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT 0
2920 /	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 0
3220 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 0
3400 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT 0
3459 /	POS AT limestone	DEF AT 0
3460 /	DEF AT Middle Miocene (Serravallian) Cyclocargolithus floridanus	DEF AT 0
3940 /	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT 0
4000 /	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF AT 0
4180 /	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF AT 0
4240 /	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT 0
4390 /	DEF AT Lower Oligocene (Rupelian) Reticulofenestra umbilica	DEF AT 0
4420 /	POS AT Lower Oligocene (Rupelian) Calcidiscus lusitanicus	DEF AT 0
4421 /	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 27-JAN-1986	First Sample Examined: 1120
Lease Number: G06867	Source of Paleo: OPERATOR	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 1120 - 23110	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 /	DEF AT Upper Eocene (Priabonian) Discoaster saipanensis	DEF AT 0
4510 /	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT 0
4960 /	DEF AT Middle Eocene (Lutetian) Discoaster sublodoensis	DEF AT 0
4990 /	DEF AT Middle Eocene (Lutetian) Discoaster Iodoensis	DEF AT 0
5230 /	DEF AT Lower Eocene (Ypresian) Tribraichiatius contortus	DEF AT 0
5710 /	DEF AT Lower Eocene (Ypresian) Discoaster multiradiatus	DEF AT 0
5770 /	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT 0
5800 /	POS AT Upper Paleocene (Thanetian) Cruciplacolithus tenuis (increase)	DEF AT 0
5950 /	DEF AT reworked material	DEF AT 0
6070 /	DEF AT Upper Cretaceous (Maastrichtian) Tetralithus trifidus	DEF AT 0
6880 /	POS AT Upper Cretaceous (Campanian) Marthasterites furcatus	DEF AT 0
6910 /	POS AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT 0
7690 /	POS AT Upper Cretaceous (Campanian) Lithastrinus grillii	DEF AT 0
7870 /	POS AT Upper Cretaceous (Cenomanian) Lithraphidites acutus	DEF AT 0
8830 /	POS IN Upper Cretaceous (Cenomanian) Coriollithon kennedyi	DEF AT 0
9010 /	POS AT Lower Cretaceous (Albian) Rucinolithus irregularis	DEF AT 0
10120 /	DEF AT local marker floral decrease	DEF AT 0
10420 /	DEF AT limestone	DEF AT 0
10450 /	DEF AT Lower Cretaceous (Albian) Braarudosphaera africana	DEF AT 0
13540 /	DEF AT gypsum	DEF AT 0
14260 /	DEF IN Lower Cretaceous Aptian Stage	DEF AT 0
14410 /	DEF AT Lower Cretaceous (Aptian) Nannoconid crisis	DEF AT 0
14590 /	DEF AT local marker floral decrease	DEF AT 0
17530 /	POS AT Lower Cretaceous (Berriasian) Polycostella senaria	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 27-JAN-1986	First Sample Examined: 1120
Lease Number: G06867	Source of Paleo: OPERATOR	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 1120 - 23110	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17950 /	POS AT Lower Cretaceous (Valanginian) Rucinolithus wisei	DEF AT 0
17980 /	POS AT Lower Cretaceous (Berriasian) Polycostella beckmannii	DEF AT 0
18040 /	POS AT Upper Jurassic (Tithonian) Hexalithus noelae	DEF AT 0
20708 /	POS AT brown shale	DEF AT 0
20709 /	POS AT limestone	DEF AT 0
20710 /	POS AT Upper Jurassic (Kimmeridgian) Stephanolithion bigotii bigotii	DEF AT 0
20740 /	DEF AT local marker floral decrease	DEF AT 0
23140 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 06-FEB-1986	First Sample Examined: 0
Lease Number: G06867	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3420 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
5950 /	DEF AT local marker (general)	DEF AT 0
7430 /	DEF IN local marker (general)	DEF AT 0
8670 /	POS AT Lower (Early) Cretaceous	DEF AT 0
13762 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
17292 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
20778 /	DEF AT Jurassic Haynesville Formation	DEF AT 0
21770 /	DEF AT Jurassic Smackover Formation	DEF AT 0
22822 /	DEF AT Jurassic Norphlet Formation	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 14-MAY-1986	First Sample Examined: 1120
Lease Number: G06867	Source of Paleo: OPERATOR	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 1120 - 23140	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1120 /	DEF AT first sample examined	DEF AT 2
1180 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1210 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 2
1240 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1690 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
1780 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
2050 /	DEF AT local marker foram increase	DEF AT 4
2140 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2170 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
2200 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2380 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2740 /	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 3
2800 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
2860 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
2920 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
3250 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
3340 /	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
3460 /	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 3
3580 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3610 /	POS AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 2
3760 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 2
3940 /	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 14-MAY-1986	First Sample Examined: 1120
Lease Number: G06867	Source of Paleo: OPERATOR	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 1120 - 23140	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 /	POS AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 3
4240 /	DEF AT Lower Oligocene (Rupelian) Chiloguembelina cubensis	DEF AT 4
4270 /	POS AT Lower Oligocene (Rupelian) Textularia mississippiensis seligi	DEF AT 4
4330 /	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 4
4390 /	DEF AT Lower Oligocene (Rupelian) Pseudohastigerina micra	DEF AT 4
4420 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 4
4480 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 5
4570 /	DEF AT Middle Eocene (Bartonian) Truncorotaloides topilensis	DEF AT 5
4600 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 5
4601 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 5
4660 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
4930 /	DEF AT Lower Eocene (Ypresian) Acarinina angulosa	DEF AT 5
5020 /	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 5
5170 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
5260 /	DEF IN Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
5680 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
5770 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
5800 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
5920 /	DEF AT Upper Paleocene (Selandian) Globorotalia inconstans	DEF AT 5
5950 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 4
6790 /	DEF AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT 4
6850 /	POS AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 4
6940 /	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT 4
7420 /	POS AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MO 1006	Date of Summary: 14-MAY-1986	First Sample Examined: 1120
Lease Number: G06867	Source of Paleo: OPERATOR	Borehole MD: 23153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23153
API Well Number: 608154001700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 1120 - 23140	Water Depth: 75
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 /	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 4
7750 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 4
7850 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 4
7900 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 4
8290 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8710 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9250 /	POS AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 2
9640 /	DEF AT faunal change (no faunal increase)	DEF AT 1
17620 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
17710 /	DEF AT faunal change (no faunal increase)	DEF AT 2
18070 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 2
18071 /	POS AT Upper Jurassic Reinholdella "A" (increase)	DEF AT 2
18430 /	DEF AT faunal change (no faunal increase)	DEF AT 1
23140 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 29	Date of Summary: 18-JUN-1990	First Sample Examined: 0
Lease Number: G09702	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10171
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9931
API Well Number: 177254055200	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7460 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8930 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
9700 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 41	Date of Summary: 01-AUG-1980	First Sample Examined: 8303
Lease Number: G04125	Source of Paleo: OPERATOR	Borehole MD: 9690
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7795
API Well Number: 177254022200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 8303 - 9690	Water Depth: 48
Public Info Code: Y 20-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8303 / 6602	DEF AT first sample examined	DEF AT 0
9690 / 7791	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 41	Date of Summary: 27-JAN-1982	First Sample Examined: 7000
Lease Number: G04125	Source of Paleo: OPERATOR	Borehole MD: 10560
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9179
API Well Number: 177254022201	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 7000 - 10520	Water Depth: 48
Public Info Code: Y 16-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6097	DEF AT first sample examined	DEF AT 0
10230 / 8895	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10520 / 9144	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 43	Date of Summary: 11-DEC-1985	First Sample Examined: 0
Lease Number: G07801	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9923
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9922
API Well Number: 177254047200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8830 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9270 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 56	Date of Summary: 09-JUN-1982	First Sample Examined: 0
Lease Number: G04906	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177254028700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 27-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5318 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7065 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 56	Date of Summary: 05-MAR-1986	First Sample Examined: 0
Lease Number: G04906	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9450
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9450
API Well Number: 177254048000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 27-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7140 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9400 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 57	Date of Summary: 07-FEB-1985	First Sample Examined: 0
Lease Number: G04907	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9044
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9042
API Well Number: 177254039300	Drilling Operator: TOTAL PETROLEUM INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 01-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 59	Date of Summary: 09-SEP-1980	First Sample Examined: 0
Lease Number: G03194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7935
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 6514
API Well Number: 177254021700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 23-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5087 / 4705	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> MP 59 <b>Lease Number:</b> G03194 <b>Well Name:</b> A001 <b>API Well Number:</b> 177254019900 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 19-JAN-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL &amp; GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7587 <b>Borehole TVD:</b> 7583 <b>Rkb Elevation:</b> 42 <b>Water Depth:</b> 69 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6590 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 59	<b>Date of Summary:</b> 15-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03194	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7587
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7583
<b>API Well Number:</b> 177254019900	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 42
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 19-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6600 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
7060 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 59	<b>Date of Summary:</b> 14-AUG-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03194	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8652
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7700
<b>API Well Number:</b> 177254021200	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 01-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1818 / 1817	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
2978 / 2977	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5110 / 4873	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7554 / 6781	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 59	<b>Date of Summary:</b> 20-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03194	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6659
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6498
<b>API Well Number:</b> 177254021701	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 71
<b>Public Info Code:</b> Y 03-SEP-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=original hole; 6215=sideritic

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 / 3215	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5177 / 5023	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6215 / 6055	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 59	Date of Summary: 20-MAY-1987	First Sample Examined: 0
Lease Number: G03194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6659
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6498
API Well Number: 177254021701	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 71
Public Info Code: Y 03-SEP-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 / 3215	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5177 / 5023	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6393 / 6232	POS AT unconformity	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 59	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G03194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8810
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7426
API Well Number: 177254027200	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 12-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 5078	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7380 / 6649	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 59	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G03194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6985
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6556
API Well Number: 177254027900	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 23-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3016 / 3011	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5181 / 4976	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8991
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8991
API Well Number: 177254029400	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 06-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6374 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7255 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 26-NOV-1982	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 177254030300	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 07-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6385 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7272 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 09-MAR-2000	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8750
API Well Number: 177254030600	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 15-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6386 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7261 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 16-SEP-1983	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8800
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 177254030700	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 23-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7238 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8800
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 177254030700	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 23-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4830 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8815
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 8815
API Well Number: 177254032000	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 24-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6375 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177254032600	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 04-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5010 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7540 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 64	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G04909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 8750
API Well Number: 177254032700	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 18-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4290 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5880 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 19-APR-1982	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9988
Well Name: C011	Paleo Done By: OPERATOR	Borehole TVD: 9138
API Well Number: 177254024200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 01-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6265 / 6052	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 30-MAR-1998	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10929
Well Name: C014	Paleo Done By: OPERATOR	Borehole TVD: 10733
API Well Number: 177254025100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 06-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6018 / 5923	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9755
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9237
API Well Number: 177254014800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 16-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6443 / 6182	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 72	<b>Date of Summary:</b> 08-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03417	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7726
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7523
<b>API Well Number:</b> 177254019800	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 22-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6218 / 6134	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 25-JUN-1997	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10198
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 9999
API Well Number: 177254027400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 25-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6255	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 08-JAN-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8840
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 8562
API Well Number: 177254020200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 15-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6154 / 6029	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 20-JUN-1989	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15464
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 15322
API Well Number: 177254020500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 23-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6272 / 6173	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11302 / 11162	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 16-APR-1999	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16202
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 15992
API Well Number: 177254022000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 05-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6183 / 6078	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 03-APR-1981	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9573
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177254023600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 28-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6249 / 6151	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 10-MAR-1997	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10235
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 10128
API Well Number: 177254023800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 28-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 6096	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 72	<b>Date of Summary:</b> 13-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03417	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9828
<b>Well Name:</b> B010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9798
<b>API Well Number:</b> 177254024100	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 120
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 23-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6326 / 6300	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9837
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 9797
API Well Number: 177254024300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 15-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6214 / 6186	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 27-JUN-1994	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9710
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 9468
API Well Number: 177254025000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 05-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 / 6234	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10478
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 9524
API Well Number: 177254025200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 05-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6865 / 6111	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 04-JUN-1997	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9886
Well Name: B014	Paleo Done By: OPERATOR	Borehole TVD: 9813
API Well Number: 177254025600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 29-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 6402	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 15-FEB-1989	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10035
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 9636
API Well Number: 177254026600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 02-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6618 / 6340	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 17-MAR-1997	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9375
Well Name: B016	Paleo Done By: OPERATOR	Borehole TVD: 8512
API Well Number: 177254027600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 18-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6741 / 6174	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12146
Well Name: B018	Paleo Done By: OPERATOR	Borehole TVD: 8751
API Well Number: 177254028600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 12-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8620 / 7069	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 12-SEP-1994	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9198
Well Name: B019	Paleo Done By: OPERATOR	Borehole TVD: 8228
API Well Number: 177254029100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 29-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6164	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 72	<b>Date of Summary:</b> 01-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03417	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13900
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13900
<b>API Well Number:</b> 177254020400	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 126
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 137
<b>Public Info Code:</b> Y 16-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5780 / 5779	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9550 / 9547	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 15-MAY-1995	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9507
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 9121
API Well Number: 177254023300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 08-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6324 / 6125	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 13-APR-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8892
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 8646
API Well Number: 177254020900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 24-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5782 / 5700	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9871
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 9509
API Well Number: 177254022300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 28-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6385 / 6035	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 05-FEB-2001	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9485
Well Name: C007	Paleo Done By: OPERATOR	Borehole TVD: 9156
API Well Number: 177254022800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 21-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6107 / 5789	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7408 / 7077	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 22-MAR-2001	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11327
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 11036
API Well Number: 177254022900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 25-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5876 / 5848	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8555 / 8398	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 26-OCT-2000	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8165
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177254023200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 129
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 13-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5537 / 5375	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 06-FEB-2001	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8165
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177254023200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 129
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 13-APR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5537 / 5375	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7480 / 7316	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 13-APR-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9630
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 9011
API Well Number: 177254023400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 21-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6626 / 6022	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 07-DEC-2000	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10083
Well Name: C012	Paleo Done By: OPERATOR	Borehole TVD: 9053
API Well Number: 177254023900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 08-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6529 / 5977	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9160 / 8250	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 27-JUN-1994	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9087
Well Name: C013	Paleo Done By: OPERATOR	Borehole TVD: 8953
API Well Number: 177254024600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 23-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5832 / 5689	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8906
Well Name: C015	Paleo Done By: OPERATOR	Borehole TVD: 8648
API Well Number: 177254026300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 02-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5918 / 5846	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 19-JUL-1982	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8988
Well Name: C016	Paleo Done By: OPERATOR	Borehole TVD: 8874
API Well Number: 177254025800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 03-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5797 / 5796	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10852
Well Name: C017	Paleo Done By: OPERATOR	Borehole TVD: 9065
API Well Number: 177254026900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 25-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7089 / 6057	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10467
Well Name: C018	Paleo Done By: OPERATOR	Borehole TVD: 9048
API Well Number: 177254027500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 03-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 / 6027	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 72	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8848
Well Name: C020	Paleo Done By: OPERATOR	Borehole TVD: 6674
API Well Number: 177254029000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 25-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8090 / 5985	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary:	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9650
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9008
API Well Number: 177254015700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 21-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6238 / 5874	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 27-MAR-1981	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11022
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 10299
API Well Number: 177254015901	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 28-JUN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6431 / 5838	POS AT Miocene	DEF AT 0
6434 / 5840	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8933 / 8209	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11022
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 10299
API Well Number: 177254015901	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 28-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6431 / 5838	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10541
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 8997
API Well Number: 177254023001	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 18-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole; sidetrack of A013

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6463 / 5898	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11766
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 8133
API Well Number: 177254024500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 14-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8230 / 5660	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 01-SEP-1981	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10720
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 9121
API Well Number: 177254025300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 11-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6796 / 5876	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17036
Well Name: A019	Paleo Done By: OPERATOR	Borehole TVD: 14218
API Well Number: 177254026200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 11-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 5788	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12010 / 9903	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 10-APR-1984	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11550
Well Name: A020	Paleo Done By: OPERATOR	Borehole TVD: 8728
API Well Number: 177254027700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 18-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7730 / 5655	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 01-DEC-1982	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10137
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 8965
API Well Number: 177254023002	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 10-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6375 / 5935	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9950
Well Name: A022	Paleo Done By: OPERATOR	Borehole TVD: 9198
API Well Number: 177254030400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6282 / 6047	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 20-MAR-1981	First Sample Examined: 0
Lease Number: G03195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13290
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 13008
API Well Number: 177254023100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 15-FEB-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5948 / 5948	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10430 / 10241	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 07-JUL-1981	First Sample Examined: 0
Lease Number: G03195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13290
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 13008
API Well Number: 177254023100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 15-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 / 5940	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10439 / 10249	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 73	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14971
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 12760
API Well Number: 177254016800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 26-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6906 / 6102	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12022 / 10269	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 73	<b>Date of Summary:</b> 08-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03417	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10540
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8969
<b>API Well Number:</b> 177254021600	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 25-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6994 / 6046	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 77	Date of Summary: 17-SEP-1981	First Sample Examined: 3200
Lease Number: G04481	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12000
API Well Number: 177254025700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3200 - 11990	Water Depth: 154
Public Info Code: Y 08-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3200 / 3200	DEF AT first sample examined	DEF IN 3
3830 / 3830	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5510 / 5510	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8390 / 8390	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8960 / 8960	DEF AT faunal change (no faunal increase)	DEF AT 4
9770 / 9770	DEF AT faunal change (no faunal increase)	DEF AT 5
9980 / 9980	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10340 /10340	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10760 /10759	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
11990 /11989	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 89	<b>Date of Summary:</b> 29-APR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06804	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6150
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6150
<b>API Well Number:</b> 177254045700	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 04-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3440 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4520 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
5420 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 96	Date of Summary: 22-AUG-1983	First Sample Examined: 800
Lease Number: G05243	Source of Paleo: OPERATOR	Borehole MD: 15604
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15604
API Well Number: 177254032500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 800 - 15200	Water Depth: 59
Public Info Code: Y 09-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
800 /	DEF AT first sample examined	DEF AT 2
1160 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3320 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4610 /	DEF AT glauconite	DEF AT 2
4780 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6349 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
6350 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6860 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9470 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
10640 /	DEF AT deepwater facies Harang	DEF AT 6
10910 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12710 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
13400 /	DEF AT limestone	DEF AT 6
13909 /	POS AT unconformity	DEF AT 6
13910 /	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 6
14660 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
15200 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 96	Date of Summary: 19-DEC-1983	First Sample Examined: 14400
Lease Number: G05243	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15604
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 15604
API Well Number: 177254032500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 800 - 14720	Water Depth: 59
Public Info Code: Y 09-JUN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14400 /	DEF AT first sample examined	DEF AT 2
14660 /	DEF AT Upper (Late) Cretaceous	DEF AT 2
14720 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 100	Date of Summary: 29-JUL-1991	First Sample Examined: 0
Lease Number: G04910	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177254029700	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 12-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2120 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
2270 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4640 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
4790 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
5780 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7220 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
7490 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 101	Date of Summary: 01-OCT-1986	First Sample Examined: 2500
Lease Number: G06808	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6500
API Well Number: 177254049500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6500	Water Depth: 49
Public Info Code: Y 16-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 /	DEF AT first sample examined	DEF IN 1
2620 /	POS AT -----	DEF AT 2
5020 /	DEF AT -----	DEF AT 3
5140 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6500 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 102	<b>Date of Summary:</b> 11-FEB-1980	<b>First Sample Examined:</b> 2210
<b>Lease Number:</b> G03798	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8200
<b>API Well Number:</b> 177254018200	<b>Drilling Operator:</b> FOUR STAR OIL & GAS COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2210 - 8200	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 28-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2210 /	DEF AT first sample examined	DEF AT 3
2270 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3080 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3590 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7690 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
8200 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 105	Date of Summary: 28-AUG-1990	First Sample Examined: 0
Lease Number: G07803	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177254055300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 24-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3910	POS AT Upper (Late) Miocene	DEF AT 0
6850 / 6752	POS AT Middle Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 106	Date of Summary: 19-SEP-1985	First Sample Examined: 0
Lease Number: G06810	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8550
API Well Number: 177254045600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 109	Date of Summary: 24-OCT-1990	First Sample Examined: 0
Lease Number: G07805	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13455
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13050
API Well Number: 177254055400	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 17-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3784	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10990 / 10545	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 113	Date of Summary: 20-FEB-1985	First Sample Examined: 0
Lease Number: G05695	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8049
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8048
API Well Number: 177254041100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 25-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5810 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6750 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 114	<b>Date of Summary:</b> 01-MAR-1979	<b>First Sample Examined:</b> 1030
<b>Lease Number:</b> G03418	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7582
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6910
<b>API Well Number:</b> 177254017800	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 65
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1030 - 7540	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 19-SEP-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2290 / 2290	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4480 / 4429	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5440 / 5275	DEF AT -----	DEF AT 3
7540 / 6878	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 116	Date of Summary: 21-DEC-1978	First Sample Examined: 1500
Lease Number: G03419	Source of Paleo: OPERATOR	Borehole MD: 8028
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8028
API Well Number: 177254017600	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 2	Sample Range: 1500 - 8028	Water Depth: 57
Public Info Code: Y 14-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 2
2490 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3060 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6300 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8028 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 116	Date of Summary: 29-DEC-1983	First Sample Examined: 0
Lease Number: G03419	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8028
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8028
API Well Number: 177254017600	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 67
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 14-JAN-1989	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6437 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 116	Date of Summary: 28-APR-1988	First Sample Examined: 0
Lease Number: G03419	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13341
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13341
API Well Number: 177254025500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 15-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 117	Date of Summary: 29-DEC-1983	First Sample Examined: 6000
Lease Number: G04912	Source of Paleo: OPERATOR	Borehole MD: 13080
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13080
API Well Number: 177254033400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13080	Water Depth: 60
Public Info Code: Y 27-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF IN 3
6570 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6840 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
7080 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
7470 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8550 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10610 /	DEF AT faunal change (no faunal increase)	DEF AT 6
11810 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
13080 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 122	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 1162
<b>Lease Number:</b> G01629	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 7710
<b>Well Name:</b> 001	<b>Paleo Done By:</b> JOHN CARSTENS	<b>Borehole TVD:</b> 7710
<b>API Well Number:</b> 177250091300	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 45
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1162 - 6637	<b>Water Depth:</b> 160
<b>Public Info Code:</b> Y 31-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1162 /	DEF AT first sample examined	DEF AT 1
1530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2640 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3900 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4470 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
5250 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6480 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
6637 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 128	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G04009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16456
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16442
API Well Number: 177254020000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 10-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1035 / 1035	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
1036 / 1036	POS AT Pliocene	DEF AT 0
2540 / 2540	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
2970 / 2970	DEF AT local marker foram increase	DEF AT 0
4690 / 4690	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5190 / 5190	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5560 / 5560	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6900 / 6900	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9900 / 9900	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11710 / 11710	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
12730 / 12729	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
14170 / 14167	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 128	Date of Summary: 30-JUN-1988	First Sample Examined: 0
Lease Number: G04009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7425
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7425
API Well Number: 177254050500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 10-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5692 /	POS IN Miocene	DEF AT 0
6092 /	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 128	Date of Summary: 23-JAN-1990	First Sample Examined: 0
Lease Number: G04009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7497
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7442
API Well Number: 177254054802	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 10-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 5230	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 129	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G04010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16940
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16940
API Well Number: 177254020100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 19-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1840 / 1840	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
2290 / 2290	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
2795 / 2795	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3282 / 3281	DEF AT local marker foram increase	DEF AT 0
3283 / 3282	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5090 / 5089	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5350 / 5349	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5760 / 5759	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8080 / 8079	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9640 / 9639	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11470 / 11468	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
12520 / 12518	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13780 / 13777	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 146	Date of Summary: 02-FEB-1990	First Sample Examined: 3370
Lease Number: G07808	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7500
API Well Number: 177254054900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3370 - 7500	Water Depth: 200
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5770 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7420 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 151	Date of Summary: 03-NOV-1980	First Sample Examined: 4178
Lease Number: G02951	Source of Paleo: OPERATOR	Borehole MD: 12510
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12510
API Well Number: 177254022600	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 4178 - 12480	Water Depth: 174
Public Info Code: Y 26-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4178 / 4178	DEF AT first sample examined	DEF IN 3
4777 / 4777	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5343 / 5343	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8182 / 8182	DEF AT -----	DEF AT 4
8910 / 8910	DEF AT -----	DEF AT 5
9090 / 9090	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
12150 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
12360 /	DEF AT -----	DEF AT 6
12480 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 151	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G02951	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11090
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9927
API Well Number: 177254031300	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 22-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8610 / 7570	DEF AT -----	DEF AT 4
8730 / 7680	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10050 / 8931	DEF AT -----	DEF AT 5
10340 / 9207	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 151	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G02951	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10309
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9511
API Well Number: 177254031400	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 25-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9190 / 8392	DEF AT -----	DEF AT 4
10070 / 9272	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 152	Date of Summary: 02-SEP-1980	First Sample Examined: 5520
Lease Number: G01966	Source of Paleo: OPERATOR	Borehole MD: 11297
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11296
API Well Number: 177254022400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5520 - 11300	Water Depth: 266
Public Info Code: Y 17-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 /	DEF AT first sample examined	DEF AT 0
8920 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11300 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 160	Date of Summary: 08-AUG-1983	First Sample Examined: 0
Lease Number: G05245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4400
API Well Number: 177244025400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 08-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3822 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
4323 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 180	Date of Summary: 19-JUL-1988	First Sample Examined: 0
Lease Number: G05710	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9117
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9117
API Well Number: 177244042700	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9032 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 183	Date of Summary:	First Sample Examined: 0
Lease Number: G05711	Source of Paleo: OPERATOR	Borehole MD: 19928
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19919
API Well Number: 177244032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5650	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8450 / 8449	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11950 /11948	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
12450 /12448	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
13890 /13888	POS AT Lower (Early) Miocene	DEF AT 5
14180 /14178	POS AT Lower (Early) Eocene	DEF AT 5
14280 /14278	DEF AT Upper (Late) Cretaceous	DEF AT 5
19010 /18997	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 183	Date of Summary: 06-FEB-1987	First Sample Examined: 2260
Lease Number: G05711	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19928
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 19919
API Well Number: 177244032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 2260 - 19862	Water Depth: 160
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2260 / 2260	DEF AT first sample examined	DEF IN 1
2320 / 2320	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 1
2890 / 2890	DEF AT Arenaceous fauna (local marker)	DEF IN 1
3940 / 3940	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 1
4090 / 4090	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4120 / 4120	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4590 / 4590	DEF AT local marker benthic foram increase	DEF AT 2
5650 / 5650	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
5710 / 5710	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5830 / 5830	DEF AT Arenaceous fauna (local marker)	DEF IN 3
5990 / 5990	DEF AT local marker benthic foram increase	DEF IN 3
6200 / 6200	DEF AT local marker benthic foram increase	DEF IN 3
6280 / 6280	DEF AT local marker foram increase	DEF AT 4
6460 / 6460	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
7570 / 7569	DEF AT gray shale	DEF AT 4
7750 / 7749	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8420 / 8419	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8450 / 8449	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
8700 / 8699	POS AT unconformity	DEF AT 6
8920 / 8919	DEF AT cement	POS AT 6
9400 / 9399	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
11200 / 11198	DEF AT local marker deep water fauna	DEF AT 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 183	Date of Summary: 06-FEB-1987	First Sample Examined: 2260
Lease Number: G05711	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19928
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 19919
API Well Number: 177244032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 2260 - 19862	Water Depth: 160
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11370 /11368	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
11950 /11948	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 5
12039 /12037	POS AT reworked material	DEF IN 5
12040 /12038	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 5
12450 /12448	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
12570 /12568	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
12910 /12908	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF IN 5
12970 /12968	DEF AT local marker planktic foram increase	DEF IN 5
13030 /13028	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
13080 /13078	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 5
13260 /13258	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 5
13270 /13268	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 5
13450 /13448	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 5
13680 /13678	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 5
13770 /13768	POS AT local marker foram decrease	DEF IN 5
13999 /13997	DEF AT limestone	DEF IN 5
14000 /13998	POS AT Upper Eocene (Priabonian) Globigerinatella semiinvoluta	DEF IN 5
14060 /14058	DEF AT local marker planktic foram increase	DEF IN 5
14130 /14128	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 5
14150 /14148	DEF AT radiolarians	DEF AT 5
14180 /14178	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
14220 /14218	POS AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
14250 /14248	DEF AT local marker foram decrease	POS AT 5
14279 /14277	DEF AT limestone	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 183	Date of Summary: 06-FEB-1987	First Sample Examined: 2260
Lease Number: G05711	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19928
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 19919
API Well Number: 177244032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 2260 - 19862	Water Depth: 160
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14280 /14278	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 2
14460 /14458	DEF IN Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 2
14490 /14488	DEF AT gray shale	DEF AT 2
14570 /14568	DEF AT limestone	DEF AT 2
14640 /14638	DEF AT gray shale	DEF AT 2
14670 /14668	DEF AT local marker ostracod (see remarks)	DEF AT 2
14800 /14798	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2
14840 /14838	POS AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 2
14950 /14948	POS AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 5
15040 /15038	DEF AT local marker foram increase	DEF AT 5
15420 /15417	POS AT Upper Cretaceous (Cenomanian) Textularia rioensis	DEF AT 5
15740 /15737	DEF AT pyrite	DEF AT 5
15960 /15956	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 5
15990 /15986	DEF AT anhydrite	DEF AT 5
15991 /15987	DEF AT gray shale	POS AT 5
16110 /16106	DEF AT sand	DEF AT 5
16111 /16107	POS AT reworked material	POS AT 5
16290 /16285	DEF AT gray shale	DEF AT 5
17790 /17779	DEF AT cement	POS AT 5
17880 /17869	DEF AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT 5
18300 /18289	DEF IN Lower Cretaceous (Albian) Ticinella roberti	DEF AT 5
18790 /18778	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT 5
19862 /19848	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 206	Date of Summary: 05-JUL-1991	First Sample Examined: 0
Lease Number: G08462	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7476
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6268
API Well Number: 177244052800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 15-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2990 / 2811	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4370 / 3869	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5480 / 4714	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
6380 / 5407	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 206	Date of Summary: 09-FEB-1993	First Sample Examined: 4550
Lease Number: G08462	Source of Paleo: OPERATOR	Borehole MD: 14449
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13495
API Well Number: 177244063300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4550 - 14420	Water Depth: 164
Public Info Code: Y 15-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 / 4550	DEF AT first sample examined	DEF IN 2
4790 / 4790	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5390 / 5390	DEF AT -----	DEF AT 3
5540 / 5540	DEF AT -----	DEF AT 2
6230 / 6230	DEF AT -----	DEF AT 3
7070 / 7070	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7580 / 7580	DEF AT -----	DEF AT 4
10040 / 9893	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11270 / 10915	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
14420 / 13480	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 214	Date of Summary: 11-JAN-1988	First Sample Examined: 0
Lease Number: G06821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13150
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13150
API Well Number: 177244039600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12050 /	POS AT Upper (Late) Eocene	DEF AT 0
12480 /	POS AT Upper (Late) Paleocene	DEF AT 0
12750 /	POS AT Upper (Late) Cretaceous	DEF AT 0
12880 /	POS AT Upper Cretaceous Cenomanian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 231	Date of Summary: 06-JUN-1984	First Sample Examined: 3640
Lease Number: G05723	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177244027700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 3640 - 13500	Water Depth: 177
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3640 /	DEF AT first sample examined	DEF AT 0
12915 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 0
13196 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
13500 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 232	Date of Summary: 11-JUL-1988	First Sample Examined: 0
Lease Number: G05724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5600
API Well Number: 177244043000	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 07-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 232	Date of Summary: 26-JUL-1988	First Sample Examined: 3000
Lease Number: G05724	Source of Paleo: OPERATOR	Borehole MD: 5600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5600
API Well Number: 177244043000	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 3000 - 5600	Water Depth: 181
Public Info Code: Y 07-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF IN 2
3360 /	DEF AT - - - - -	DEF AT 3
3750 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
5600 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 233	Date of Summary: 26-JUL-1989	First Sample Examined: 0
Lease Number: G06827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4720
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4516
API Well Number: 177244045700	Drilling Operator: GULFSTAR OPERATING COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 31-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3792	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 235	Date of Summary: 19-SEP-1989	First Sample Examined: 4060
Lease Number: G09719	Source of Paleo: OPERATOR	Borehole MD: 12510
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12506
API Well Number: 177244047200	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4060 - 12520	Water Depth: 186
Public Info Code: Y 30-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 /	DEF AT first sample examined	DEF IN 2
4210 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5920 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6670 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7660 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
8200 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8230 /	DEF AT faunal change (no faunal increase)	DEF AT 6
10420 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
12220 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
12520 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 241	<b>Date of Summary:</b> 03-AUG-1988	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G08757	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8316
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7150
<b>API Well Number:</b> 177244043100	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1000 - 8316	<b>Water Depth:</b> 185
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1690 / 1690	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1780 / 1780	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
1900 / 1900	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2200 / 2198	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
2890 / 2856	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
7450 / 6463	DEF AT -----	DEF AT 4
8316 / 7149	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 241	Date of Summary: 11-AUG-1988	First Sample Examined: 0
Lease Number: G08757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8316
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7150
API Well Number: 177244043100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3457	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4410 / 4102	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4500 / 4173	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5569 / 5002	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 242	Date of Summary: 03-SEP-1987	First Sample Examined: 3300
Lease Number: G05725	Source of Paleo: OPERATOR	Borehole MD: 12585
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12585
API Well Number: 177244033900	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 3300 - 12585	Water Depth: 195
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 /	DEF AT first sample examined	DEF AT 2
3840 /	DEF AT -----	DEF AT 3
3960 /	DEF AT -----	DEF AT 2
4020 /	DEF AT -----	DEF AT 3
4050 /	DEF AT -----	DEF AT 2
4680 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4890 /	DEF AT -----	DEF AT 2
6150 /	DEF AT -----	DEF AT 3
6240 /	DEF AT -----	DEF AT 2
6390 /	DEF AT -----	DEF AT 3
6570 /	DEF AT -----	DEF AT 2
6600 /	DEF AT -----	DEF AT 3
6870 /	DEF AT -----	DEF AT 2
7260 /	DEF AT -----	DEF AT 3
7410 /	DEF AT -----	DEF AT 2
7470 /	DEF AT -----	DEF AT 3
7830 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
7860 /	DEF AT -----	DEF AT 5
8190 /	DEF AT -----	DEF AT 4
8220 /	DEF AT -----	DEF AT 5
8250 /	DEF AT -----	DEF AT 4
8340 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 242	Date of Summary: 03-SEP-1987	First Sample Examined: 3300
Lease Number: G05725	Source of Paleo: OPERATOR	Borehole MD: 12585
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12585
API Well Number: 177244033900	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 3300 - 12585	Water Depth: 195
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 /	DEF AT -----	DEF AT 4
8670 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8880 /	DEF AT -----	DEF AT 5
8940 /	DEF AT -----	DEF AT 4
8970 /	DEF AT -----	DEF AT 5
9000 /	DEF AT -----	DEF AT 4
9360 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
9510 /	DEF AT -----	DEF AT 4
9690 /	DEF AT -----	DEF AT 3
9870 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9930 /	DEF AT -----	DEF AT 4
9990 /	DEF AT -----	DEF AT 3
10080 /	DEF AT -----	DEF AT 5
10200 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
10320 /	DEF AT -----	DEF AT 3
10410 /	DEF AT -----	DEF AT 4
10440 /	DEF AT -----	DEF AT 3
10590 /	DEF AT -----	DEF AT 4
10680 /	DEF AT -----	DEF AT 5
10770 /	DEF AT -----	DEF AT 4
11130 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11340 /	DEF AT -----	DEF AT 4
11730 /	DEF AT -----	DEF AT 5
11850 /	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 242	Date of Summary: 03-SEP-1987	First Sample Examined: 3300
Lease Number: G05725	Source of Paleo: OPERATOR	Borehole MD: 12585
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12585
API Well Number: 177244033900	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 3300 - 12585	Water Depth: 195
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11910 /	DEF AT -----	DEF AT 5
11940 /	DEF AT -----	DEF AT 4
12030 /	DEF AT -----	DEF AT 5
12060 /	DEF AT -----	DEF AT 4
12090 /	DEF AT -----	DEF AT 5
12120 /	DEF AT -----	DEF AT 4
12450 /	DEF AT -----	DEF AT 5
12480 /	DEF AT -----	DEF AT 4
12585 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 242	Date of Summary: 10-SEP-1987	First Sample Examined: 3000
Lease Number: G05725	Source of Paleo: OPERATOR	Borehole MD: 12585
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12585
API Well Number: 177244033900	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 3000 - 12510	Water Depth: 195
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT 0
3390 /	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
4110 /	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 0
4200 /	DEF AT local marker floral decrease	DEF AT 0
4710 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 0
7700 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 0
8100 /	DEF AT floral flood	DEF AT 0
8310 /	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 0
8400 /	DEF AT local marker floral decrease	DEF AT 0
8700 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
8790 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
8820 /	DEF AT local marker floral decrease	DEF AT 0
8910 /	DEF AT floral flood	DEF AT 0
9390 /	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
9420 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
9510 /	DEF AT local marker floral decrease	DEF AT 0
9900 /	DEF AT floral flood	DEF AT 0
10110 /	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT 0
10290 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0
10410 /	DEF AT local marker floral decrease	DEF AT 0
11190 /	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus (increase)	DEF AT 0
11610 /	DEF AT local marker floral decrease	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 242	Date of Summary: 10-SEP-1987	First Sample Examined: 3000
Lease Number: G05725	Source of Paleo: OPERATOR	Borehole MD: 12585
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12585
API Well Number: 177244033900	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 3000 - 12510	Water Depth: 195
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12510 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 242	<b>Date of Summary:</b> 22-SEP-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05725	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12585
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12585
<b>API Well Number:</b> 177244033900	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7830 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8670 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9360 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9870 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10200 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
11130 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 245	Date of Summary:	First Sample Examined: 0
Lease Number: G06828	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3500
API Well Number: 177244046900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
2960 /	POS IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 263	Date of Summary:	First Sample Examined: 500
Lease Number: G06829	Source of Paleo: OPERATOR	Borehole MD: 4000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4000
API Well Number: 177244047000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 500 - 3980	Water Depth: 255
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF AT 1
530 /	DEF AT faunal change (no faunal increase)	DEF AT 3
620 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1340 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1850 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1880 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
2360 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2690 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3230 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
3980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 263	Date of Summary:	First Sample Examined: 1560
Lease Number: G06829	Source of Paleo: OPERATOR	Borehole MD: 3648
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3400
API Well Number: 177244047001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1560 - 3648	Water Depth: 255
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1560 / 1560	DEF AT first sample examined	DEF AT 1
1830 / 1829	DEF AT faunal change (no faunal increase)	DEF AT 2
1860 / 1858	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1890 / 1888	DEF AT faunal change (no faunal increase)	DEF AT 3
2370 / 2339	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2790 / 2689	DEF AT faunal change (no faunal increase)	DEF AT 4
2910 / 2788	DEF AT faunal change (no faunal increase)	DEF AT 3
3270 / 3083	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3271 / 3084	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3390 / 3182	DEF AT faunal change (no faunal increase)	DEF AT 4
3420 / 3207	DEF AT Arenaceous fauna (local marker)	DEF AT 4
3648 / 3395	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 269	Date of Summary: 20-OCT-1986	First Sample Examined: 7840
Lease Number: G05728	Source of Paleo: OPERATOR	Borehole MD: 14617
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14617
API Well Number: 177244036300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1179 - 14617	Water Depth: 205
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 10420=Gyroidina scalata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7840 /	DEF AT first sample examined	DEF AT 5
8960 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10420 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
11740 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
12790 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
14617 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 273	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G04918	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14067
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14067
API Well Number: 177244023700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 13-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
1870 / 1870	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3070 / 3070	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8770 / 8770	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12070 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 273	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G04918	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8360
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 177244025100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 18-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5457	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6300 / 5691	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 273	Date of Summary: 13-SEP-1990	First Sample Examined: 0
Lease Number: G04918	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8360
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 177244025100	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 18-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3121	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5556 / 5111	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 296	Date of Summary: 24-NOV-1997	First Sample Examined: 0
Lease Number: G01673	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7236
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 5094
API Well Number: 177244021500	Drilling Operator: OXY USA INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 27-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4549 / 3406	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 296	Date of Summary: 09-OCT-1997	First Sample Examined: 0
Lease Number: G01673	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7820
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 5455
API Well Number: 177244021800	Drilling Operator: OXY USA INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 02-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3342	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9100 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 301	Date of Summary: 08-FEB-1982	First Sample Examined: 4600
Lease Number: G04486	Source of Paleo: OPERATOR	Borehole MD: 12210
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12161
API Well Number: 177244020600	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4600 - 12200	Water Depth: 225
Public Info Code: Y 03-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT first sample examined	DEF IN 3
6010 / 6010	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8650 / 8648	DEF AT -----	DEF AT 4
8710 / 8708	DEF AT sample gap top	DEF AT 0
8740 / 8738	DEF AT sample gap bottom	DEF AT 0
8980 / 8977	DEF AT -----	DEF AT 5
9640 / 9632	DEF AT -----	DEF AT 6
10000 / 9987	DEF AT poor sample interval top	DEF AT 5
12199 / 12151	DEF AT poor sample interval bottom	DEF AT 5
12200 / 12152	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 08-MAY-1979	First Sample Examined: 3260
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 8306
Well Name: F001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7005
API Well Number: 177244013400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 3260 - 8306	Water Depth: 271
Public Info Code: Y 05-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3260 / 2798	DEF AT first sample examined	DEF IN 2
3380 / 2892	DEF AT -----	DEF AT 3
3500 / 2985	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3590 / 3054	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3930 / 3315	DEF AT -----	DEF AT 4
4800 / 3973	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
5580 / 4596	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8306 / 7006	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G01677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8306
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 7005
API Well Number: 177244013400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 71
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 271
Public Info Code: Y 05-APR-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 / 2892	DEF AT -----	DEF AT 3
3500 / 2985	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3590 / 3054	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3930 / 3315	DEF AT -----	DEF AT 4
4800 / 3973	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
5580 / 4596	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 306	<b>Date of Summary:</b> 18-APR-1979	<b>First Sample Examined:</b> 3690
<b>Lease Number:</b> G01677	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8412
<b>Well Name:</b> F002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7000
<b>API Well Number:</b> 177244013500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3690 - 8412	<b>Water Depth:</b> 286
<b>Public Info Code:</b> Y 14-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3319	DEF AT first sample examined	DEF IN 3
4740 / 4126	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4890 / 4237	DEF AT -----	DEF AT 4
7980 / 6649	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8412 / 7029	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 09-AUG-1988	First Sample Examined: 0
Lease Number: G01677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8412
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177244013500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 286
Public Info Code: Y 14-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 4126	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4890 / 4237	DEF AT - - - - -	DEF AT 4
7980 / 6649	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 17-MAY-1979	First Sample Examined: 3130
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 7232
Well Name: F003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6998
API Well Number: 177244013700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 3130 - 7232	Water Depth: 271
Public Info Code: Y 10-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3006	DEF AT first sample examined	DEF IN 2
3460 / 3310	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3760 / 3583	DEF AT -----	DEF AT 3
3850 / 3665	DEF AT -----	DEF AT 4
4990 / 4760	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6910 / 6677	POS AT -----	DEF AT 5
7000 / 6767	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
7232 / 6998	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G01677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7232
Well Name: F003	Paleo Done By: OPERATOR	Borehole TVD: 6998
API Well Number: 177244013700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 71
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 271
Public Info Code: Y 10-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3310	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3760 / 3583	DEF AT -----	DEF AT 3
3850 / 3665	DEF AT -----	DEF AT 4
4990 / 4760	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6910 / 6677	DEF AT -----	DEF AT 5
7000 / 6767	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 12-JUN-1979	First Sample Examined: 3000
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 7219
Well Name: F004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7131
API Well Number: 177244013800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 3000 - 7190	Water Depth: 287
Public Info Code: Y 05-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2835	DEF AT first sample examined	DEF IN 3
3360 / 3183	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3990 / 3805	DEF AT - - - - -	DEF AT 4
4560 / 4374	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
7190 / 7001	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 306	<b>Date of Summary:</b> 23-AUG-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01677	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7219
<b>Well Name:</b> F004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7131
<b>API Well Number:</b> 177244013800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 287
<b>Public Info Code:</b> Y 05-JUL-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 / 3183	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3990 / 3805	DEF AT - - - - -	DEF AT 4
4560 / 4374	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 06-AUG-1979	First Sample Examined: 3550
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 9206
Well Name: F005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7165
API Well Number: 177244014000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 3550 - 9200	Water Depth: 287
Public Info Code: Y 16-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 2998	DEF AT first sample examined	DEF IN 3
3670 / 3083	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4630 / 3778	DEF AT -----	DEF AT 4
5080 / 4115	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
9170 / 7131	DEF AT -----	DEF AT 5
9200 / 7155	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 09-JUN-1982	First Sample Examined: 0
Lease Number: G01677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9206
Well Name: F005	Paleo Done By: OPERATOR	Borehole TVD: 7165
API Well Number: 177244014000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 287
Public Info Code: Y 16-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3083	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4630 / 3778	DEF AT -----	DEF AT 4
5080 / 4115	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
9170 / 7131	DEF AT -----	DEF AT 5

UNITED STATES DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 21-APR-1981	First Sample Examined: 3520
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 10840
Well Name: F018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10456
API Well Number: 177244019700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 3520 - 10840	Water Depth: 271
Public Info Code: Y 16-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3520 / 3520	DEF AT first sample examined	DEF IN 2
3610 / 3610	DEF AT -----	DEF AT 3
3670 / 3669	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7060 / 6852	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7690 / 7420	DEF AT -----	DEF AT 4
8230 / 7915	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8770 / 8422	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9550 / 9179	DEF AT -----	DEF AT 5
10360 / 9981	DEF AT -----	DEF AT 6
10840 / 10456	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 306	Date of Summary: 07-JUL-1981	First Sample Examined: 0
Lease Number: G01677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10840
Well Name: F018	Paleo Done By: OPERATOR	Borehole TVD: 10456
API Well Number: 177244019700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 271
Public Info Code: Y 16-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3669	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7060 / 6852	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8230 / 7915	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8770 / 8422	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 308	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G05247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9192
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7582
API Well Number: 177244026300	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 310
Public Info Code: Y 31-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1798	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2400 / 2377	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
2401 / 2378	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4290 / 3857	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8790 / 7271	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 311	Date of Summary: 26-JUN-1979	First Sample Examined: 7000
Lease Number: G02213	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 177244013600	Drilling Operator: CONOCO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 7000 - 11920	Water Depth: 253
Public Info Code: Y 29-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	DEF AT 3
7450 / 7450	DEF AT -----	DEF AT 4
7570 / 7570	DEF AT -----	DEF AT 3
8410 / 8409	DEF AT -----	DEF AT 4
8475 / 8474	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9130 / 9127	DEF AT -----	DEF AT 5
9340 / 9336	DEF AT -----	DEF AT 4
10090 /10083	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10570 /10561	DEF AT deepwater facies Listerella fauna	DEF AT 5
11920 /11899	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 313	Date of Summary: 29-APR-1980	First Sample Examined: 3000
Lease Number: G04127	Source of Paleo: OPERATOR	Borehole MD: 11409
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9915
API Well Number: 177244015800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11360	Water Depth: 270
Public Info Code: Y 29-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF IN 5
3120 / 3120	DEF AT -----	DEF AT 4
3600 / 3600	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4530 / 4530	DEF AT -----	DEF AT 3
5200 / 5199	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7350 / 7004	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9390 / 8493	POS AT Arenaceous fauna (local marker)	DEF AT 4
10590 / 9321	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10800 / 9468	DEF AT Bathysiphon fauna	DEF AT 4
11360 / 9879	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MP 313	<b>Date of Summary:</b> 18-NOV-1982	<b>First Sample Examined:</b> 4246
<b>Lease Number:</b> G04127	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9428
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8773
<b>API Well Number:</b> 177244023900	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4246 - 9371	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 31-DEC-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4246 / 4085	DEF AT first sample examined	DEF IN 3
4632 / 4433	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7184 / 6730	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9346 / 8713	DEF AT Eggerella 3 (local marker)	DEF AT 4
9371 / 8736	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 316	Date of Summary: 02-JUL-1984	First Sample Examined: 1360
Lease Number: G05731	Source of Paleo: OPERATOR	Borehole MD: 14226
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14200
API Well Number: 177244028300	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 1360 - 14225	Water Depth: 416
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1360 / 1360	DEF AT first sample examined	DEF IN 4
1750 / 1750	DEF AT -----	DEF AT 5
2620 / 2620	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4030 / 4030	DEF AT -----	DEF AT 3
4210 / 4210	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6700 / 6699	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7690 / 7689	DEF AT -----	DEF AT 4
9250 / 9248	DEF AT -----	DEF AT 5
12820 /12809	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
13000 /12989	DEF AT -----	DEF AT 6
14170 /14158	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
14225 /14213	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MP 316	Date of Summary: 21-FEB-1985	First Sample Examined: 0
Lease Number: G05731	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14226
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14200
API Well Number: 177244028300	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 416
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	POS AT Pleistocene	DEF AT 0
7600 / 7599	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 727	Date of Summary: 09-FEB-1988	First Sample Examined: 1728
Lease Number: G07161	Source of Paleo: OPERATOR	Borehole MD: 9181
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9177
API Well Number: 427024015000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1728 - 9181	Water Depth: 98
Public Info Code: Y 19-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1728 / 1728	DEF AT first sample examined	DEF IN 1
4090 / 4089	DEF AT - - - - -	DEF AT 2
4330 / 4329	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4570 / 4569	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5620 / 5619	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7270 / 7269	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8020 / 8019	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9080 / 9077	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 727	<b>Date of Summary:</b> 09-FEB-1988	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G07161	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12520
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11204
<b>API Well Number:</b> 427024015001	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5000 - 10880	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 19-DEC-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF IN cement	DEF AT 0
5180 / 5179	DEF AT - - - - -	DEF IN 2
5810 / 5780	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7460 / 7156	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7910 / 7532	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
8990 / 8394	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
10700 / 9755	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 727	Date of Summary: 09-FEB-1988	First Sample Examined: 9840
Lease Number: G07161	Source of Paleo: OPERATOR	Borehole MD: 12520
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11204
API Well Number: 427024015001	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 9840 - 12520	Water Depth: 96
Public Info Code: Y 19-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9840 / 9045	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
10680 / 9739	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
11250 /10182	DEF AT - - - - -	DEF AT 4
11280 /10206	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 4
11550 /10418	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 4
12520 /11204	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 736	<b>Date of Summary:</b> 30-MAY-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08085	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8126
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7505
<b>API Well Number:</b> 427124010400	<b>Drilling Operator:</b> ENRON CORP	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 165
<b>Public Info Code:</b> Y 15-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6625 / 6249	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8060 / 7449	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 753	Date of Summary: 15-APR-1988	First Sample Examined: 1240
Lease Number: G05984	Source of Paleo: OPERATOR	Borehole MD: 7679
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7679
API Well Number: 427024008700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 1240 - 7680	Water Depth: 189
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 /	DEF AT first sample examined	DEF AT 1
1241 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
3480 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
3500 /	DEF AT faunal change (no faunal increase)	DEF AT 0
5160 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
5460 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6180 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6210 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
6360 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
6480 /	DEF AT faunal change (no faunal increase)	DEF AT 0
6810 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0
7680 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 753	Date of Summary: 06-JUN-1988	First Sample Examined: 1240
Lease Number: G05984	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7679
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 7679
API Well Number: 427024008700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 1240 - 7680	Water Depth: 189
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT 1
1241 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
1260 /	DEF AT foram flood	DEF AT 1
1410 /	DEF AT local marker foram decrease	DEF AT 1
1740 /	DEF AT limestone	DEF AT 1
2610 /	DEF AT pyrite	DEF AT 1
2790 /	DEF AT oxidized shale	DEF AT 1
3480 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
3570 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3780 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
3900 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4020 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4320 /	DEF AT local marker foram decrease	DEF AT 1
4620 /	DEF AT glauconite	DEF AT 1
4680 /	DEF AT sample gap top	POS AT 1
4770 /	DEF AT sample gap bottom	DEF AT 1
5070 /	DEF AT pyrite	DEF AT 1
5130 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
5160 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
5190 /	DEF AT glauconite	DEF AT 2
5310 /	DEF AT oxidized shale	DEF AT 2
5430 /	DEF AT pyrite	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 753	Date of Summary: 06-JUN-1988	First Sample Examined: 1240
Lease Number: G05984	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7679
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 7679
API Well Number: 427024008700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 1240 - 7680	Water Depth: 189
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
5520 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5800 /	DEF AT shell fragments	DEF AT 1
6150 /	POS AT local marker foram increase	DEF AT 1
6210 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
6240 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
6360 /	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
6420 /	DEF AT local marker foram decrease	DEF AT 4
6809 /	DEF AT pyrite	DEF AT 4
6810 /	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
6840 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
6960 /	DEF AT local marker foram decrease	DEF AT 4
7110 /	DEF AT pyrite	DEF AT 4
7529 /	DEF AT foram flood	DEF AT 4
7530 /	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
7650 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 755	Date of Summary: 08-SEP-1977	First Sample Examined: 3550
Lease Number: G03018	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11000
API Well Number: 427024001300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3550 - 10990	Water Depth: 108
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 3550	DEF AT first sample examined	DEF IN 2
4120 / 4120	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4300 / 4300	DEF AT local marker planktic foram increase	DEF AT 2
4390 / 4390	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4510 / 4510	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
4540 / 4540	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
4570 / 4570	DEF AT local marker planktic foram increase	DEF AT 2
4810 / 4810	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
4900 / 4900	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
4990 / 4990	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5680 / 5680	DEF AT Lower Miocene (Burdigalian) Camerina 1	DEF AT 2
5920 / 5920	DEF AT pyrite	DEF AT 2
5950 / 5950	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6040 / 6040	DEF AT local marker planktic foram increase	DEF AT 2
6340 / 6340	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 2
6790 / 6789	DEF AT local marker foram decrease	DEF IN 1
6850 / 6849	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 1
6940 / 6939	DEF AT charophytes	DEF AT 1
7180 / 7179	DEF AT pyrite	DEF AT 1
8170 / 8169	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
8650 / 8649	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8950 / 8949	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 2

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UNITED STATES DEPARTMENT OF THE INTERIOR  
 MINERALS MANAGEMENT SERVICE  
 GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 755	<b>Date of Summary:</b> 08-SEP-1977	<b>First Sample Examined:</b> 3550
<b>Lease Number:</b> G03018	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 11000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> JOHN CARSTENS	<b>Borehole TVD:</b> 11000
<b>API Well Number:</b> 427024001300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3550 - 10990	<b>Water Depth:</b> 108
<b>Public Info Code:</b> Y 06-APR-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9040 / 9039	DEF AT local marker benthic foram increase	DEF AT 2
9280 / 9279	DEF AT local marker foram decrease	DEF AT 2
9580 / 9579	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
9940 / 9939	DEF AT local marker planktic foram increase	DEF AT 2
9970 / 9969	DEF AT pyrite	DEF AT 2
10240 /10239	POS AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 3
10300 /10299	POS IN Upper Oligocene (Chattian) Globigerina ciperensis ciperensis	DEF AT 3
10330 /10329	DEF AT local marker planktic foram increase	DEF AT 3
10810 /10809	DEF AT local marker benthic foram increase	DEF AT 3
10990 /10988	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 755	Date of Summary: 02-OCT-1981	First Sample Examined: 0
Lease Number: G03018	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9090
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7050
API Well Number: 427024005401	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5900 / 5001	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6950 / 5665	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8200 / 6465	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 755	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G03018	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11007
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9570
API Well Number: 427024005400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5950 / 5160	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6950 / 5903	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7400 / 6254	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8730 / 7429	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 755	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03018	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10416
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9614
API Well Number: 427024005900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 6519	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
6915 / 6906	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 755	<b>Date of Summary:</b> 03-NOV-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03018	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8860
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8599
<b>API Well Number:</b> 427024006300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 108
<b>Public Info Code:</b> Y 06-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5926 / 5791	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6810 / 6629	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8030 / 7802	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 755	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G03018	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10558
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10101
API Well Number: 427024006600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 06-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5606	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
6390 / 6126	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 756	Date of Summary: 02-NOV-1988	First Sample Examined: 0
Lease Number: G05986	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12425
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12406
API Well Number: 427024016200	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10940 /10927	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 757	Date of Summary: 24-JUL-1979	First Sample Examined: 0
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10501
API Well Number: 427024002900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 18-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
320 / 320	DEF AT -----	DEF AT 1
560 / 560	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
740 / 740	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
860 / 860	DEF AT -----	DEF AT 1
1160 / 1160	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
1220 / 1220	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1280 / 1280	DEF AT -----	DEF AT 1
1700 / 1700	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
1880 / 1880	DEF AT local marker (general)	DEF AT 1
2600 / 2600	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3200 / 3200	DEF AT non-marine sediment	DEF AT 0
3201 / 3201	DEF AT -----	DEF AT 1
3710 / 3710	DEF AT -----	DEF AT 1
3950 / 3950	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4250 / 4250	DEF AT -----	DEF AT 2
4430 / 4429	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5000 / 4970	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5120 / 5079	POS AT reworked material	DEF AT 2
5150 / 5105	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5270 / 5212	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5420 / 5345	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6500 / 6311	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 757	Date of Summary: 24-JUL-1979	First Sample Examined: 0
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10501
API Well Number: 427024002900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 18-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6770 / 6557	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7490 / 7218	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9020 / 8562	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10010 / 9435	DEF AT - - - - -	DEF AT 3
10580 / 9945	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
11060 / 10341	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
11300 / 10533	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 757	Date of Summary: 05-FEB-1979	First Sample Examined: 1040
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 8172
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7551
API Well Number: 427024003501	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1040 - 8770	Water Depth: 136
Public Info Code: Y 06-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1040	DEF AT first sample examined	DEF AT 1
1160 / 1160	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1940 / 1940	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2330 / 2330	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
2480 / 2480	DEF AT non-marine sediment	DEF AT 0
2481 / 2481	DEF AT -----	DEF AT 1
2720 / 2720	DEF AT -----	DEF AT 1
2810 / 2810	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
3020 / 3020	DEF AT sample gap top	DEF AT 0
3080 / 3080	DEF AT sample gap bottom	DEF AT 0
3680 / 3678	DEF AT reworked material	DEF AT 1
4120 / 4108	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4450 / 4418	DEF AT -----	DEF AT 2
4690 / 4633	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4810 / 4736	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5140 / 5009	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5560 / 5352	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5650 / 5425	DEF AT sample gap top	DEF AT 0
5830 / 5571	DEF AT sample gap bottom	DEF AT 0
5860 / 5596	DEF AT -----	DEF AT 2
5950 / 5670	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6040 / 5743	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 757	Date of Summary: 05-FEB-1979	First Sample Examined: 1040
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 8172
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7551
API Well Number: 427024003501	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1040 - 8770	Water Depth: 136
Public Info Code: Y 06-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6730 / 6313	DEF AT -----	DEF AT 1
6820 / 6389	DEF AT -----	DEF AT 2
6880 / 6439	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7240 / 6745	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7300 / 6796	DEF AT -----	DEF AT 3
8020 / 7419	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8530 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
8740 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 758	Date of Summary: 14-MAY-1976	First Sample Examined: 4750
Lease Number: G03020	Source of Paleo: OPERATOR	Borehole MD: 11047
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9632
API Well Number: 427024002800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4750 - 9085	Water Depth: 152
Public Info Code: Y 29-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4740	DEF AT first sample examined	DEF AT 0
4980 / 4956	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5625 / 5504	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
6940 / 6541	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9085 / 8133	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 758	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G03020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10465
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9193
API Well Number: 427024003000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 152
Public Info Code: Y 26-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6130 / 5403	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 758	Date of Summary: 24-SEP-1999	First Sample Examined: 0
Lease Number: G03020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9883
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9196
API Well Number: 427024006000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 132
Public Info Code: Y 15-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5832 / 5479	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 759	Date of Summary: 09-DEC-1989	First Sample Examined: 0
Lease Number: G08972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9800
API Well Number: 427024017700	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 30-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 759	<b>Date of Summary:</b> 02-JAN-1990	<b>First Sample Examined:</b> 4520
<b>Lease Number:</b> G08972	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9800
<b>API Well Number:</b> 427024017700	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4520 - 9800	<b>Water Depth:</b> 156
<b>Public Info Code:</b> Y 30-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 /	DEF AT first sample examined	DEF AT 3
4640 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5480 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6410 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7520 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7970 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8450 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9800 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 21-NOV-1979	First Sample Examined: 300
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 9875
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9875
API Well Number: 427024004000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 9875	Water Depth: 163
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF AT 1
640 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
700 /	DEF AT - - - - -	DEF AT 2
760 /	DEF AT local marker (general)	DEF AT 2
820 /	DEF AT local marker (general)	DEF AT 2
1000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
1240 /	DEF AT - - - - -	DEF AT 2
1300 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1480 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1720 /	DEF AT sand	DEF AT 1
1960 /	DEF AT sand	DEF AT 1
3760 /	DEF AT local marker (general)	DEF AT 1
3940 /	DEF AT pyrite	DEF AT 1
4000 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4360 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
4480 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
4540 /	DEF AT - - - - -	DEF AT 2
4660 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5200 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5350 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5710 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 21-NOV-1979	First Sample Examined: 300
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 9875
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9875
API Well Number: 427024004000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 9875	Water Depth: 163
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5890 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6040 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7030 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7180 /	DEF AT local marker foram increase	DEF AT 2
7360 /	DEF AT - - - - -	DEF AT 2
7480 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7540 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8200 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8290 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8350 /	DEF AT local marker foram increase	DEF AT 3
8410 /	DEF AT - - - - -	DEF AT 2
9190 /	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
9875 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 29-JUN-1981	First Sample Examined: 1800
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 9720
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9260
API Well Number: 427024006200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 16-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1798	DEF AT -----	DEF AT 1
2160 / 2151	DEF AT calcite	DEF AT 1
2700 / 2664	POS AT reworked material	DEF AT 1
2760 / 2719	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3240 / 3169	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3300 / 3225	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
3480 / 3395	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
3645 / 3552	DEF AT cement	DEF AT 0
3690 / 3594	DEF AT sample gap top	DEF AT 0
3749 / 3650	DEF AT sample gap bottom	DEF AT 0
3750 / 3651	DEF AT -----	DEF AT 1
4290 / 4154	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4320 / 4182	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4350 / 4210	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4380 / 4238	DEF AT local marker (general)	DEF AT 2
4410 / 4265	DEF AT local marker (general)	DEF AT 2
4440 / 4293	DEF AT local marker (general)	DEF AT 2
4800 / 4628	DEF AT local marker (general)	DEF AT 2
5520 / 5298	DEF AT local marker (general)	DEF AT 2
5550 / 5326	DEF AT local marker (general)	DEF AT 2
5670 / 5438	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5700 / 5466	DEF AT local marker foram increase	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 29-JUN-1981	First Sample Examined: 1800
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 9720
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9260
API Well Number: 427024006200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 16-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 / 5690	DEF AT local marker (general)	DEF AT 2
6090 / 5830	DEF AT local marker (general)	DEF AT 2
6300 / 6025	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6570 / 6276	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7620 / 7248	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7860 / 7472	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7890 / 7500	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8010 / 7612	DEF AT -----	DEF AT 3
8070 / 7669	DEF AT -----	DEF AT 2
8160 / 7756	DEF AT -----	DEF AT 3
8280 / 7871	DEF AT -----	DEF AT 2
8460 / 8045	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9720 / 9260	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G03021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9720
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9260
API Well Number: 427024006200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 16-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2760 / 2719	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
2761 / 2720	POS AT Pliocene	DEF AT 0
2762 / 2721	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3240 / 3169	POS AT Upper (Late) Miocene	DEF AT 0
3241 / 3170	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
3242 / 3171	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
3480 / 3395	POS AT Middle Miocene	DEF AT 0
3481 / 3396	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6300 / 6025	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 22-DEC-1981	First Sample Examined: 4010
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 6970
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6536
API Well Number: 427024006400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 1020 - 6970	Water Depth: 153
Public Info Code: Y 28-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 3837	DEF AT -----	DEF AT 1
4370 / 4157	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
4940 / 4683	DEF AT -----	DEF AT 2
5540 / 5244	DEF AT local marker foram increase	DEF AT 2
5630 / 5328	DEF AT local marker (general)	DEF AT 2
5690 / 5383	DEF AT local marker (general)	DEF AT 2
5840 / 5522	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5870 / 5550	DEF AT local marker (general)	DEF AT 2
5900 / 5578	DEF AT local marker (general)	DEF AT 2
5930 / 5605	DEF AT sample gap top	DEF AT 0
6319 / 5961	DEF AT sample gap bottom	DEF AT 0
6320 / 5962	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6380 / 6016	DEF AT local marker (general)	DEF AT 2
6500 / 6124	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6770 / 6362	DEF AT reefal material	DEF AT 2
6970 / 6535	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 762	<b>Date of Summary:</b> 10-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03021	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6970
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6536
<b>API Well Number:</b> 427024006400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 153
<b>Public Info Code:</b> Y 28-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4157	POS AT Middle Miocene	DEF AT 0
4371 / 4158	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6320 / 5962	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 06-FEB-1995	First Sample Examined: 0
Lease Number: G03021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7427
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6555
API Well Number: 427024006801	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 05-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4332	POS AT Middle Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 24-SEP-1981	First Sample Examined: 0
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 7805
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6532
API Well Number: 427024006700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 15-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
1060 / 1060	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
1180 / 1180	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1240 / 1240	DEF AT -----	DEF AT 2
1300 / 1300	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1420 / 1420	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1600 / 1600	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1780 / 1779	DEF AT -----	DEF AT 1
2080 / 2077	DEF AT local marker (general)	DEF AT 1
2200 / 2195	DEF AT local marker (general)	DEF AT 1
2380 / 2371	DEF AT limestone	DEF AT 0
3700 / 3513	DEF AT sample gap top	DEF AT 0
3739 / 3542	DEF AT sample gap bottom	DEF AT 0
3740 / 3543	DEF AT cement	DEF AT 0
4040 / 3772	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4310 / 3977	DEF AT -----	DEF AT 1
4580 / 4180	DEF AT -----	DEF AT 2
4730 / 4292	DEF AT -----	DEF AT 1
4910 / 4426	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
4970 / 4471	DEF AT local marker (general)	DEF AT 1
5030 / 4516	DEF AT -----	DEF AT 2
5270 / 4695	DEF AT local marker (general)	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 24-SEP-1981	First Sample Examined: 0
Lease Number: G03021	Source of Paleo: OPERATOR	Borehole MD: 7805
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6532
API Well Number: 427024006700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 15-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 / 4921	DEF AT sand	DEF AT 2
5571 / 4922	DEF AT pyrite	DEF AT 2
5930 / 5191	DEF AT local marker (general)	DEF AT 2
6200 / 5391	DEF AT local marker (general)	DEF AT 2
6320 / 5480	DEF AT local marker (general)	DEF AT 2
6380 / 5525	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6560 / 5659	DEF AT local marker (general)	DEF AT 2
6860 / 5879	DEF AT local marker (general)	DEF AT 2
7040 / 6009	DEF AT local marker (general)	DEF AT 2
7280 / 6178	DEF AT local marker (general)	DEF AT 2
7400 / 6261	DEF AT local marker (general)	DEF AT 2
7460 / 6303	DEF AT local marker (general)	DEF AT 2
7520 / 6343	DEF AT local marker (general)	DEF AT 2
7670 / 6444	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7760 / 6503	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7805 / 6532	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G03021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7805
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6532
API Well Number: 427024006700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 15-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	POS AT Pleistocene	DEF AT 0
1180 / 1180	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
1181 / 1181	POS AT Pliocene	DEF AT 0
1182 / 1182	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
1600 / 1600	POS IN Pliocene	DEF AT 0
1601 / 1601	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4040 / 3772	POS AT Middle Miocene	DEF AT 0
4041 / 3773	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7670 / 6444	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 762	Date of Summary: 05-AUG-1981	First Sample Examined: 420
Lease Number: G03022	Source of Paleo: OPERATOR	Borehole MD: 8625
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6506
API Well Number: 427024006500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 16-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
420 / 420	DEF AT -----	DEF AT 1
540 / 540	DEF AT sample gap top	DEF AT 0
960 / 960	DEF AT sample gap bottom	DEF AT 0
961 / 961	DEF AT -----	DEF AT 1
1200 / 1200	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
1260 / 1260	DEF AT local marker (general)	DEF AT 1
1320 / 1320	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1440 / 1440	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1740 / 1738	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1800 / 1797	DEF AT -----	DEF AT 1
2040 / 2026	DEF AT pyrite	DEF AT 1
2100 / 2081	DEF AT local marker (general)	DEF AT 1
2220 / 2190	DEF AT calcite	DEF AT 1
2340 / 2294	DEF AT local marker (general)	DEF AT 1
2880 / 2701	DEF AT -----	DEF AT 1
2940 / 2741	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
3060 / 2822	DEF AT local marker (general)	DEF AT 2
3180 / 2905	DEF AT local marker (general)	DEF AT 2
3480 / 3111	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4050 / 3479	DEF AT cement	DEF AT 0
4110 / 3519	DEF AT -----	DEF AT 1
4890 / 4005	DEF AT reworked material	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 762	<b>Date of Summary:</b> 05-AUG-1981	<b>First Sample Examined:</b> 420
<b>Lease Number:</b> G03022	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8625
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6506
<b>API Well Number:</b> 427024006500	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 153
<b>Public Info Code:</b> Y 16-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4060	DEF AT pyrite	DEF AT 1
5250 / 4224	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5340 / 4279	DEF AT local marker (general)	DEF AT 2
5580 / 4425	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6090 / 4734	DEF AT local marker (general)	DEF AT 2
6390 / 4908	DEF AT local marker (general)	DEF AT 2
6840 / 5156	DEF AT poor sample interval top	DEF AT 2
6990 / 5241	DEF AT local marker (general)	DEF AT 2
7200 / 5369	DEF AT poor sample interval bottom	DEF AT 2
7320 / 5447	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7530 / 5591	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7650 / 5678	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8040 / 5975	DEF AT local marker (general)	DEF AT 2
8460 / 6314	DEF AT local marker (general)	DEF AT 2
8580 / 6414	DEF AT local marker (general)	DEF AT 2
8625 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 762	<b>Date of Summary:</b> 10-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03022	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8625
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6506
<b>API Well Number:</b> 427024006500	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 153
<b>Public Info Code:</b> Y 16-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
1201 / 1201	POS AT Pliocene	DEF AT 0
1202 / 1202	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
1740 / 1738	POS AT Upper (Late) Miocene	DEF AT 0
1741 / 1739	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
1742 / 1740	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5250 / 4224	POS AT Middle Miocene	DEF AT 0
5251 / 4225	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7530 / 5591	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 763	Date of Summary: 25-FEB-1980	First Sample Examined: 360
Lease Number: G03022	Source of Paleo: OPERATOR	Borehole MD: 9511
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9511
API Well Number: 427024004400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 152
Public Info Code: Y 21-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 /	DEF AT -----	DEF AT 1
480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
540 /	DEF AT -----	DEF AT 2
660 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
720 /	DEF AT -----	DEF AT 1
780 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
840 /	DEF AT -----	DEF AT 2
1020 /	DEF AT calcite	DEF AT 1
1021 /	POS AT fault	DEF AT 0
1140 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1230 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1260 /	DEF AT -----	DEF AT 2
1380 /	DEF AT -----	DEF AT 1
1620 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
1680 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2010 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
2490 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
2850 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
2970 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
3330 /	DEF AT sandstone	DEF AT 1
3331 /	DEF AT pyrite	DEF AT 1
3960 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 763	Date of Summary: 25-FEB-1980	First Sample Examined: 360
Lease Number: G03022	Source of Paleo: OPERATOR	Borehole MD: 9511
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9511
API Well Number: 427024004400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 152
Public Info Code: Y 21-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4140 /	DEF AT -----	DEF AT 1
4410 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4800 /	DEF AT local marker (general)	DEF AT 2
5400 /	DEF AT sample gap top	DEF AT 0
5429 /	DEF AT sample gap bottom	DEF AT 0
5430 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5970 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6090 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6270 /	DEF AT local marker (general)	DEF AT 2
6900 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7380 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7410 /	DEF AT -----	DEF AT 2
7560 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8430 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8790 /	DEF AT local marker (general)	DEF AT 2
9500 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 769	Date of Summary: 21-JUN-1984	First Sample Examined: 0
Lease Number: G05989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7149
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7149
API Well Number: 427024009100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6160 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
6430 /	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0
7060 /	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 769	<b>Date of Summary:</b> 19-APR-1988	<b>First Sample Examined:</b> 3700
<b>Lease Number:</b> G05989	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7149
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7149
<b>API Well Number:</b> 427024009100	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 3700 - 7120	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
700 /	DEF AT first sample examined	DEF AT 0
6160 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
6161 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0
6430 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0
7060 /	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 0
7120 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 769	Date of Summary: 24-MAY-1988	First Sample Examined: 3700
Lease Number: G05989	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7149
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 7149
API Well Number: 427024009100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 3 of 3	Sample Range: 3700 - 7120	Water Depth: 90
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3700 /	DEF AT first sample examined	DEF AT 2
3701 /	DEF AT cement	DEF AT 2
3702 /	POS IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
3880 /	DEF AT cement	POS AT 2
4000 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4240 /	DEF AT shell fragments	DEF AT 2
4450 /	DEF AT pyrite	DEF AT 2
4480 /	DEF AT local marker ostracod (see remarks)	DEF AT 1
4750 /	POS AT local marker benthic foram increase	DEF AT 1
5020 /	DEF AT local marker benthic foram increase	DEF IN 1
5230 /	DEF AT local marker foram decrease	DEF AT 1
5410 /	DEF AT pyrite	DEF AT 1
5470 /	DEF AT shell fragments	DEF AT 1
5590 /	DEF AT oxidized shale	DEF AT 1
5710 /	DEF AT shell fragments	DEF AT 1
5860 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6130 /	POS IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
6160 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
6279 /	DEF AT pyrite	DEF AT 2
6280 /	DEF AT local marker foram decrease	DEF AT 2
6430 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
6460 /	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	POS AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 769	<b>Date of Summary:</b> 24-MAY-1988	<b>First Sample Examined:</b> 3700
<b>Lease Number:</b> G05989	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 7149
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ROBERT WITROCK	<b>Borehole TVD:</b> 7149
<b>API Well Number:</b> 427024009100	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 3700 - 7120	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6610 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 3
6640 /	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 3
6850 /	DEF AT pyrite	DEF AT 3
7060 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
7120 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 776	Date of Summary: 10-OCT-1989	First Sample Examined: 3670
Lease Number: G10146	Source of Paleo: OPERATOR	Borehole MD: 6600
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6600
API Well Number: 427024017400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3670 - 6590	Water Depth: 84
Public Info Code: Y 31-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Done by Crosbie Macomber and Geomasters

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 /	DEF AT first sample examined	DEF AT 2
5870 /	DEF AT -----	DEF AT 3
5900 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6200 /	DEF AT -----	DEF AT 4
6230 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
6590 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 778	Date of Summary: 09-MAY-1988	First Sample Examined: 0
Lease Number: G05991	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7050
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7050
API Well Number: 427024015600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6285 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
6550 /	POS AT Lower Miocene (Aquitanian) Lenticulina hansenii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 788	Date of Summary: 15-NOV-1988	First Sample Examined: 0
Lease Number: G05998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10200
API Well Number: 427024016400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 27-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5070 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
6210 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9120 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 791	Date of Summary: 26-MAY-1983	First Sample Examined: 1250
Lease Number: G04534	Source of Paleo: OPERATOR	Borehole MD: 8117
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7020
API Well Number: 427024008000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 1250 - 8120	Water Depth: 92
Public Info Code: Y 02-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 / 1250	DEF AT first sample examined	DEF IN 1
3320 / 3161	DEF AT faunal change (no faunal increase)	DEF AT 2
3830 / 3588	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4970 / 4560	DEF AT sample gap top	POS AT 2
5090 / 4660	DEF AT sample gap bottom	DEF AT 2
5420 / 4921	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7250 / 6295	DEF IN Lower Miocene (Aquitanian) Lenticulina hansenii	DEF AT 2
7880 / 6821	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8120 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 791	Date of Summary: 12-JUL-1983	First Sample Examined: 0
Lease Number: G04534	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8117
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7020
API Well Number: 427024008000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 02-JUN-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3588	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5420 / 4921	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5742 / 5157	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
7250 / 6295	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0
7880 / 6821	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 791	Date of Summary: 06-JUN-1983	First Sample Examined: 1270
Lease Number: G04534	Source of Paleo: OPERATOR	Borehole MD: 7506
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7506
API Well Number: 427024008100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1270 - 7506	Water Depth: 100
Public Info Code: Y 03-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1270 /	DEF AT first sample examined	POS IN 2
1570 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	POS AT 2
1870 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3470 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4130 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6260 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6380 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
6530 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hansenii	DEF AT 3
6890 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
7060 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
7506 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 791	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04534	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7506
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7506
API Well Number: 427024008100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 03-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1270 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3470 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3620 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 791	Date of Summary: 07-SEP-1982	First Sample Examined: 1210
Lease Number: G04534	Source of Paleo: OPERATOR	Borehole MD: 13421
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13012
API Well Number: 427024007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 1210 - 13420	Water Depth: 92
Public Info Code: Y 27-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1210 / 1210	DEF AT first sample examined	DEF IN 1
3490 / 3454	DEF AT faunal change (no faunal increase)	DEF AT 2
3730 / 3680	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4030 / 3963	DEF AT faunal change (no faunal increase)	POS AT 3
6400 / 6213	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	POS AT 3
6910 / 6698	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	POS AT 3
7120 / 6899	DEF AT Upper Oligocene (Chattian) Robulus "A"	POS AT 3
7570 / 7331	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	POS AT 3
8710 / 8424	DEF AT Upper Oligocene (Chattian) Bolivina perca	POS AT 3
9370 / 9056	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	POS AT 3
9460 / 9142	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	POS AT 3
10480 / 10120	POS AT Upper Oligocene (Chattian) Marginulina howei	POS AT 3
11140 / 10767	POS AT Upper Oligocene (Chattian) Camerina "A"	POS AT 3
12820 / 12423	DEF AT faunal change (no faunal increase)	DEF AT 4
13420 / 13011	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 791	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04534	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13421
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13012
API Well Number: 427024007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 27-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3730 / 3680	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7120 / 6899	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 0
8710 / 8424	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 0
9370 / 9056	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 0
9460 / 9142	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 0
10480 / 10120	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 0
11140 / 10767	DEF AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 0
13330 / 12923	DEF AT Upper Oligocene (Chattian) Marginulina texana	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 807	<b>Date of Summary:</b> 20-DEC-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08977	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8284
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8284
<b>API Well Number:</b> 427024020100	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 193
<b>Public Info Code:</b> Y 09-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
5870 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6115 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7430 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 823	Date of Summary: 07-JUN-1984	First Sample Examined: 0
Lease Number: G06003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13957
API Well Number: 427024009000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6490 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
6970 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0
7930 /	DEF AT Oligocene	DEF AT 0
7931 /	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 0
7932 /	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 0
8530 /	POS AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 0
8531 /	POS AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 0
9700 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 0
10240 /	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 830	Date of Summary: 28-JUN-1988	First Sample Examined: 5945
Lease Number: G06005	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9185
API Well Number: 427024015500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6125 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7385 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8825 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
9185 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 831	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8160
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7619
API Well Number: 427024007600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 11-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 / 3436	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
4660 / 4195	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5670 / 5145	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6150 / 5616	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7610 / 7070	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 831	Date of Summary: 17-FEB-1987	First Sample Examined: 0
Lease Number: G03043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9399
API Well Number: 427024007700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3520 / 3399	POS IN Middle Miocene	DEF AT 0
5364 / 5104	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5540 / 5267	POS IN Lower (Early) Miocene	DEF AT 0
6050 / 5741	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
7523 / 7102	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9410 / 8859	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
9600 / 9032	POS IN Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 834	<b>Date of Summary:</b> 16-MAY-1990	<b>First Sample Examined:</b> 3860
<b>Lease Number:</b> G11230	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7675
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7390
<b>API Well Number:</b> 427024018300	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3860 - 7675	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 19-OCT-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3797	DEF AT first sample examined	DEF AT 3
3861 / 3798	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4520 / 4391	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7010 / 6725	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7273 / 6987	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
7675 / 7389	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 835	<b>Date of Summary:</b> 08-JUN-1990	<b>First Sample Examined:</b> 4440
<b>Lease Number:</b> G11231	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8725
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7050
<b>API Well Number:</b> 427024018600	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4440 - 8725	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 18-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 / 3834	DEF AT first sample examined	DEF IN 3
4770 / 4081	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6420 / 5264	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7770 / 6289	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8700 / 7029	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
8725 / 7050	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 835	Date of Summary: 30-JUL-1990	First Sample Examined: 0
Lease Number: G11231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8725
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7050
API Well Number: 427024018600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 18-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 3804	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7820 / 6328	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 849	Date of Summary: 27-JUN-1985	First Sample Examined: 0
Lease Number: G06012	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11447
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8744
API Well Number: 427024011500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6219=sidewall cores

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6550 / 5450	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8450 / 6733	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
8690 / 6891	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 853	Date of Summary: 11-AUG-1993	First Sample Examined: 0
Lease Number: G10162	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7973
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7973
API Well Number: 427024021300	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4535 / 4535	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7242 / 7242	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
7960 / 7960	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 872	Date of Summary: 25-MAY-1990	First Sample Examined: 4990
Lease Number: G08084	Source of Paleo: OPERATOR	Borehole MD: 11475
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10503
API Well Number: 427024018100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4990 - 11475	Water Depth: 190
Public Info Code: Y 30-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4990	DEF AT first sample examined	DEF IN 3
6190 / 6181	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6640 / 6607	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7120 / 7039	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7960 / 7752	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8170 / 7931	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11475 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU 872	<b>Date of Summary:</b> 27-JUN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08084	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11475
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10503
<b>API Well Number:</b> 427024018100	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 30-SEP-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4990	DEF AT -----	DEF AT 3
6190 / 6181	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6640 / 6607	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7120 / 7039	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7960 / 7752	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8170 / 7931	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 873	Date of Summary: 24-AUG-1989	First Sample Examined: 3610
Lease Number: G07173	Source of Paleo: OPERATOR	Borehole MD: 8552
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8552
API Well Number: 427024017300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3610 - 8530	Water Depth: 172
Public Info Code: Y 21-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3610 /	DEF AT first sample examined	DEF AT 1
3910 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
4000 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
4060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 1
4120 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4240 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4360 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4510 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4720 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
4930 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
5500 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
5530 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
5950 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 1
6310 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
6400 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7270 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
7300 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
7690 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
7810 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8230 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1
8500 /	DEF AT last sample examined	DEF AT 1

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU 874	Date of Summary: 15-APR-1993	First Sample Examined: 0
Lease Number: G10167	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7023
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7023
API Well Number: 427024021000	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4580 / 4580	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
5275 / 5275	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 1	Date of Summary: 08-OCT-1990	First Sample Examined: 0
Lease Number: G10169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10115
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10115
API Well Number: 427024019000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 29-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 6290	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8319 / 8318	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 1	Date of Summary: 22-NOV-1993	First Sample Examined: 0
Lease Number: G10169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9710
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9512
API Well Number: 427024019001	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 29-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 / 8293	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 10	<b>Date of Summary:</b> 04-SEP-1990	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G07175	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13315
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13295
<b>API Well Number:</b> 427024018800	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5000 - 10070	<b>Water Depth:</b> 238
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF IN 3
5300 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
7700 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8720 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9200 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9350 /	DEF AT - - - - -	DEF AT 4
10070 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 10	<b>Date of Summary:</b> 04-SEP-1990	<b>First Sample Examined:</b> 7900
<b>Lease Number:</b> G07175	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13315
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13295
<b>API Well Number:</b> 427024018800	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7900 - 13310	<b>Water Depth:</b> 238
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 /	DEF AT first sample examined	DEF AT 3
8890 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9190 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9370 /	DEF AT - - - - -	DEF AT 4
9890 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
9950 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13310 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 11	Date of Summary: 23-MAY-1986	First Sample Examined: 3020
Lease Number: G07176	Source of Paleo: OPERATOR	Borehole MD: 19000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19000
API Well Number: 427024013700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 3020 - 15820	Water Depth: 210
Public Info Code: Y 27-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
3370 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
3430 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3700 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4300 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4660 /	DEF AT - - - - -	DEF AT 3
6490 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6550 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
7630 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8440 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
8980 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9610 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
15460 /	DEF AT - - - - -	DEF AT 4
15640 /	DEF AT - - - - -	DEF AT 5
15670 /	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 6
15820 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 11	<b>Date of Summary:</b> 23-MAY-1986	<b>First Sample Examined:</b> 15340
<b>Lease Number:</b> G07176	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 19000
<b>API Well Number:</b> 427024013700	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 15340 - 16030	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 27-MAR-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15340 /	DEF AT first sample examined	DEF IN 4
16000 /	DEF AT - - - - -	DEF AT 5
16030 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 11	Date of Summary: 23-MAY-1986	First Sample Examined: 15640
Lease Number: G07176	Source of Paleo: OPERATOR	Borehole MD: 19000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19000
API Well Number: 427024013700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 15640 - 19000	Water Depth: 210
Public Info Code: Y 27-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15640 /	DEF AT first sample examined	DEF IN 4
15790 /	DEF AT - - - - -	DEF AT 5
16840 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
17620 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
19000 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 11	<b>Date of Summary:</b> 11-JUL-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07176	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12432
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12099
<b>API Well Number:</b> 427024017000	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 211
<b>Public Info Code:</b> Y 27-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 6431	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7650 / 7337	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10180 / 9847	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 16	Date of Summary: 03-MAR-2000	First Sample Examined: 0
Lease Number: G03011	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5514
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5514
API Well Number: 427024004100	Drilling Operator: OXY USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 04-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3569 / 3569	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
3802 / 3802	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
4848 / 4848	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 16	Date of Summary: 06-DEC-1999	First Sample Examined: 0
Lease Number: G03011	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6157
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4591
API Well Number: 427024007100	Drilling Operator: OXY USA INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 16-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4564 / 3570	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
4581 / 3580	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
4930 / 3799	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5411 / 4111	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 16	Date of Summary: 17-JUN-1999	First Sample Examined: 0
Lease Number: G03011	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10361
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5323
API Well Number: 427024007300	Drilling Operator: OXY USA INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 06-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6491 / 3599	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7078 / 3864	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9964 / 5137	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 16	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G03011	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5692
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5113
API Well Number: 427024007400	Drilling Operator: OXY USA INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3875 / 3570	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
4131 / 3787	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5401 / 4863	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 20	Date of Summary: 30-SEP-1988	First Sample Examined: 0
Lease Number: G06018	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18007
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17996
API Well Number: 427024010500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2060 / 2060	POS AT Upper (Late) Miocene	DEF AT 0
2735 / 2735	POS AT Middle Miocene	DEF AT 0
7160 / 7160	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 21	Date of Summary: 24-MAY-1985	First Sample Examined: 0
Lease Number: G06019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15170
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15170
API Well Number: 427024010900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 / 8100	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
8950 / 8950	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
9600 / 9600	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11150 / 11150	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
15850 /	DEF IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 30	Date of Summary: 25-JAN-1985	First Sample Examined: 0
Lease Number: G06021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15900
API Well Number: 427024009800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 231
Public Info Code: Y 15-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 /	POS AT Lower (Early) Miocene	DEF AT 0
8880 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10800 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 30	Date of Summary:	First Sample Examined: 6030
Lease Number: G06021	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 427024016700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 6030 - 18000	Water Depth: 239
Public Info Code: Y 15-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6030 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
7740 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9660 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9720 /	DEF AT -----	DEF AT 3
9780 /	DEF AT -----	DEF AT 1
10440 /	DEF AT -----	DEF AT 2
11190 /	DEF AT -----	DEF AT 3
11370 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12510 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12750 /	DEF AT -----	DEF AT 1
17700 /	DEF AT -----	DEF AT 2
18000 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 30	Date of Summary: 16-FEB-1989	First Sample Examined: 0
Lease Number: G06021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 427024016700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 239
Public Info Code: Y 15-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7330 /	POS AT Lower (Early) Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 31	Date of Summary: 14-MAY-1985	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13070
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13070
API Well Number: 427024006900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 222
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
6780 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9650 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11030 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 34	Date of Summary: 02-MAR-1992	First Sample Examined: 0
Lease Number: G08545	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12308
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10987
API Well Number: 427024020000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 08-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 4150	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5940 / 5937	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
6850 / 6780	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7537 / 7329	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10150 / 9366	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 34	<b>Date of Summary:</b> 02-MAR-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08545	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6641
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5987
<b>API Well Number:</b> 427024020300	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 216
<b>Public Info Code:</b> Y 08-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4148	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6940 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 65	Date of Summary:	First Sample Examined: 0
Lease Number: G03928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12724
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12724
API Well Number: 427124003800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 16-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4375 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4785 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5095 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5710 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7220 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
8975 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10795 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12685 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 65	Date of Summary: 01-FEB-1983	First Sample Examined: 0
Lease Number: G03928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 427124004900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 261
Public Info Code: Y 16-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4380 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5140 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5795 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7390 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9212 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12042 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
15042 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
16400 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 65	Date of Summary: 30-JUL-1986	First Sample Examined: 4100
Lease Number: G03928	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 427124004900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 4100 - 16490	Water Depth: 261
Public Info Code: Y 16-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT first sample examined	DEF AT 1
4340 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
4640 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4940 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6260 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6590 /	DEF AT -----	DEF AT 2
6680 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6950 /	DEF AT -----	DEF AT 3
7100 /	DEF AT -----	DEF AT 2
7460 /	DEF AT -----	DEF AT 3
7640 /	DEF AT -----	DEF AT 2
8690 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
8900 /	DEF AT -----	DEF AT 3
9170 /	DEF AT -----	DEF AT 2
9290 /	DEF AT -----	DEF AT 3
9860 /	DEF AT -----	DEF AT 2
10160 /	DEF AT -----	DEF AT 3
11840 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
14540 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14900 /	DEF AT -----	DEF AT 2
15050 /	DEF AT -----	DEF AT 3
15260 /	DEF AT -----	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 65	<b>Date of Summary:</b> 30-JUL-1986	<b>First Sample Examined:</b> 4100
<b>Lease Number:</b> G03928	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16500
<b>API Well Number:</b> 427124004900	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4100 - 16490	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 16-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16400 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
16490 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 65	Date of Summary: 26-APR-1985	First Sample Examined: 0
Lease Number: G03928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16161
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 15786
API Well Number: 427124008100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 261
Public Info Code: Y 16-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4380 / 4379	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
4440 / 4439	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5580 / 5579	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5850 / 5849	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6690 / 6689	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8460 / 8458	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12240 / 12097	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
15870 / 15518	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 65	Date of Summary: 28-JUL-1986	First Sample Examined: 4200
Lease Number: G03928	Source of Paleo: OPERATOR	Borehole MD: 16161
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 15786
API Well Number: 427124008100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 4200 - 16160	Water Depth: 261
Public Info Code: Y 16-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4199	DEF AT first sample examined	DEF AT 1
4380 / 4379	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4440 / 4439	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5190 / 5189	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5340 / 5339	DEF AT -----	DEF AT 1
5580 / 5579	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5850 / 5849	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6630 / 6629	DEF AT -----	DEF AT 2
6690 / 6689	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7470 / 7469	DEF AT -----	DEF AT 3
8040 / 8038	DEF AT -----	DEF AT 2
8460 / 8458	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
9570 / 9567	DEF AT -----	DEF AT 3
12240 / 12097	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
14520 / 14242	DEF AT -----	DEF AT 2
15870 / 15518	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
16160 / 15786	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 90	<b>Date of Summary:</b> 31-MAY-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08986	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13385
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13385
<b>API Well Number:</b> 427124009700	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 29-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Depth=subsea

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11230 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 99	<b>Date of Summary:</b> 14-JUL-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08987	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7050
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7050
<b>API Well Number:</b> 427124010000	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 355
<b>Public Info Code:</b> Y 03-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4650 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5670 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

**Area Block:** MU A 110  
**Lease Number:** G06025  
**Well Name:** 001  
**API Well Number:** 427124009900  
**Paleo Report Num:** 1 of 1  
**Public Info Code:** Y 27-DEC-1988

**Date of Summary:**  
**Source of Paleo:** COMPLETION REPORT (WELL SUMMARY)  
**Paleo Done By:** OPERATOR  
**Drilling Operator:** BP AMERICA PRODUCTION COMPANY  
**Sample Range:** 4930 - 17350  
**Ecozone Eq MMS:**

**First Sample Examined:** 7810  
**Borehole MD:** 17352  
**Borehole TVD:** 17352  
**Rkb Elevation:** 104  
**Water Depth:** 319  
**Paleo ID:** 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7810 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8740 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12130 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
17050 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 08-JUL-1983	First Sample Examined: 7600
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 12675
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10744
API Well Number: 427124006700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 7600 - 12670	Water Depth: 302
Public Info Code: Y 28-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 5763	DEF AT first sample examined	DEF AT 3
7900 / 6031	DEF AT poor sample interval top	DEF AT 3
9670 / 7752	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10750 / 8826	DEF AT faunal change (no faunal increase)	DEF AT 3
11170 / 9246	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12070 / 10145	DEF AT faunal change (no faunal increase)	DEF AT 4
12640 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12669 /	DEF AT poor sample interval bottom	DEF AT 4
12670 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 23-JAN-1980	First Sample Examined: 4440
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 12288
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12258
API Well Number: 427124003700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4440 - 12270	Water Depth: 305
Public Info Code: Y 01-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 / 4440	DEF AT first sample examined	DEF AT 3
4590 / 4590	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4740 / 4740	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5250 / 5250	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
5880 / 5880	DEF AT local marker (general)	DEF AT 3
7080 / 7079	DEF AT faunal change (no faunal increase)	DEF AT 4
7110 / 7109	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
7200 / 7199	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7680 / 7679	DEF AT faunal change (no faunal increase)	DEF AT 3
8652 / 8650	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8760 / 8757	DEF AT faunal change (no faunal increase)	DEF AT 4
9600 / 9592	DEF AT faunal change (no faunal increase)	DEF AT 3
9870 / 9861	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10350 / 10339	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11190 / 11171	DEF AT faunal change (no faunal increase)	DEF AT 4
12000 / 11973	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12270 / 12240	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 24-SEP-1980	First Sample Examined: 4510
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 14459
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13516
API Well Number: 427124004000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4510 - 14420	Water Depth: 304
Public Info Code: Y 06-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4388	DEF AT first sample examined	DEF AT 3
4660 / 4527	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4930 / 4778	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5980 / 5752	DEF AT local marker (general)	DEF AT 3
7240 / 6896	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
7570 / 7197	DEF AT faunal change (no faunal increase)	DEF AT 4
7630 / 7252	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
7720 / 7334	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8300 / 7859	DEF AT faunal change (no faunal increase)	DEF AT 3
9100 / 8579	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9190 / 8660	DEF AT sample gap top	POS AT 3
9280 / 8741	DEF AT sample gap bottom	DEF AT 3
11080 /10353	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12100 /11297	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12430 /11598	DEF AT faunal change (no faunal increase)	DEF AT 4
14420 /13399	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 19-MAY-1980	First Sample Examined: 5000
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 14803
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12485
API Well Number: 427124004300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 5000 - 14770	Water Depth: 305
Public Info Code: Y 04-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4474	DEF AT first sample examined	DEF AT 3
5001 / 4475	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5180 / 4616	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
8450 / 7228	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
8660 / 7399	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
8720 / 7448	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
9470 / 8057	DEF AT faunal change (no faunal increase)	DEF AT 3
10190 / 8633	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10250 / 8682	DEF AT faunal change (no faunal increase)	DEF AT 3
11690 / 9840	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12410 / 10435	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12620 / 10608	DEF AT sample gap top	POS AT 3
12830 / 10783	DEF AT sample gap bottom	DEF AT 4
14710 / 12405	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14770 / 12457	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 15-OCT-1982	First Sample Examined: 6550
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 12267
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11585
API Well Number: 427124005700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 3	Sample Range: 6550 - 8680	Water Depth: 305
Public Info Code: Y 28-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6550 / 6466	DEF AT first sample examined	DEF AT 3
6880 / 6781	DEF AT faunal change (no faunal increase)	DEF AT 4
7120 / 7003	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
7360 / 7218	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7780 / 7587	DEF AT faunal change (no faunal increase)	DEF AT 3
8680 / 8374	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 111	<b>Date of Summary:</b> 15-OCT-1982	<b>First Sample Examined:</b> 6890
<b>Lease Number:</b> G03068	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12267
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11585
<b>API Well Number:</b> 427124005700	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 6890 - 11000	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 28-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6791	DEF AT first sample examined	DEF AT 4
6980 / 6875	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
7250 / 7120	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7550 / 7385	DEF AT faunal change (no faunal increase)	DEF AT 3
8720 / 8409	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8840 / 8513	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10100 / 9601	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11000 / 10383	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 111	<b>Date of Summary:</b> 15-OCT-1982	<b>First Sample Examined:</b> 10070
<b>Lease Number:</b> G03068	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12267
<b>Well Name:</b> A007	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11585
<b>API Well Number:</b> 427124005700	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 10070 - 12230	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 28-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10070 / 9575	DEF AT first sample examined	POS AT 3
10190 / 9680	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10310 / 9784	DEF AT faunal change (no faunal increase)	DEF AT 3
11480 /10823	DEF AT sample gap top	DEF AT 3
11690 /11024	DEF AT sample gap bottom	DEF AT 3
12230 /11549	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 111	<b>Date of Summary:</b> 07-MAR-1980	<b>First Sample Examined:</b> 9850
<b>Lease Number:</b> G03068	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12425
<b>Well Name:</b> A008	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 12138
<b>API Well Number:</b> 427124005900	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 9850 - 10800	<b>Water Depth:</b> 302
<b>Public Info Code:</b> Y 09-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9850 / 9606	DEF AT first sample examined	DEF AT 4
10140 / 9879	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10800 /10521	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 07-MAR-1983	First Sample Examined: 7000
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 12425
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12138
API Well Number: 427124005900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 3	Sample Range: 7000 - 10900	Water Depth: 302
Public Info Code: Y 09-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF AT first sample examined	DEF AT 4
7001 / 7000	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
7240 / 7235	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7600 / 7576	DEF AT faunal change (no faunal increase)	DEF AT 3
8710 / 8598	DEF AT faunal change (no faunal increase)	DEF AT 4
9250 / 9075	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10150 / 9888	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10900 / 10620	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 07-MAR-1983	First Sample Examined: 9900
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 12425
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12138
API Well Number: 427124005900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 3 of 3	Sample Range: 9900 - 12130	Water Depth: 302
Public Info Code: Y 09-MAR-1993	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9653	DEF AT first sample examined	DEF AT 4
10140 / 9879	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10950 /10670	DEF AT sample gap top	POS AT 4
11380 /11099	DEF AT sample gap bottom	DEF AT 3
11740 /11459	DEF AT faunal change (no faunal increase)	POS AT 3
12130 /11848	DEF AT last sample examined	POS AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 111	<b>Date of Summary:</b> 06-MAY-1983	<b>First Sample Examined:</b> 7520
<b>Lease Number:</b> G03068	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13571
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11460
<b>API Well Number:</b> 427124006300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7520 - 13500	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 08-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 / 6783	DEF AT first sample examined	DEF AT 4
7680 / 6908	DEF IN Middle Miocene (Serravallian) Globorotalia foehsi robusta	DEF AT 4
8310 / 7404	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8550 / 7597	DEF AT -----	DEF AT 3
9570 / 8410	DEF AT -----	DEF AT 4
10380 / 9004	DEF AT Middle Miocene (Serravallian) Globorotalia foehsi foehsi	DEF AT 3
11310 / 9763	DEF AT -----	DEF AT 4
11370 / 9809	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11640 / 9996	DEF AT poor sample interval top	DEF AT 3
11641 / 9997	POS AT -----	DEF AT 3
13499 / 11403	DEF AT poor sample interval bottom	DEF AT 3
13500 / 11404	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 15-JUN-1983	First Sample Examined: 0
Lease Number: G03068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13571
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 11460
API Well Number: 427124006300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 08-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 6908	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
8310 / 7404	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10380 / 9004	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
11370 / 9809	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 111	Date of Summary: 28-SEP-1983	First Sample Examined: 5730
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 14347
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11616
API Well Number: 427124006800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 5730 - 14347	Water Depth: 302
Public Info Code: Y 25-OCT-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 4480	DEF AT first sample examined	DEF AT 3
6150 / 4731	DEF AT poor sample interval top	DEF AT 0
6151 / 4731	DEF AT sample gap top	DEF AT 0
7349 / 5405	DEF AT sample gap bottom	DEF AT 0
7350 / 5406	DEF AT -----	DEF AT 3
9330 / 6853	DEF AT sample gap top	DEF AT 0
10108 / 7486	DEF AT sample gap bottom	DEF AT 0
10109 / 7487	DEF AT poor sample interval bottom	DEF AT 0
10110 / 7488	DEF AT -----	DEF AT 3
10950 / 8252	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11490 / 8775	DEF AT -----	DEF AT 4
12120 / 9400	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
12390 / 9669	DEF AT -----	DEF AT 3
13410 / 10687	DEF AT -----	DEF AT 4
14310 / 11579	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14347 / 11616	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 111	<b>Date of Summary:</b> 20-OCT-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03068	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14347
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11616
<b>API Well Number:</b> 427124006800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 302
<b>Public Info Code:</b> Y 25-OCT-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10950 / 8252	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
12120 / 9400	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
14310 / 11579	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> MU A 121	<b>Date of Summary:</b> 28-JUN-1982	<b>First Sample Examined:</b> 4600
<b>Lease Number:</b> G04699	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11851
<b>Well Name:</b> B001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11682
<b>API Well Number:</b> 427124005100	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 310
<b>Public Info Code:</b> Y 22-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4527	DEF AT first sample examined	DEF AT 3
5770 / 5636	DEF AT local marker (general)	DEF AT 3
7420 / 7262	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
7750 / 7592	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8920 / 8762	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9520 / 9362	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 121	Date of Summary: 16-JUL-2001	First Sample Examined: 0
Lease Number: G04699	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11851
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11682
API Well Number: 427124005100	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 310
Public Info Code: Y 22-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 7262	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
7750 / 7592	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9520 / 9362	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 121	Date of Summary: 16-NOV-1982	First Sample Examined: 4400
Lease Number: G04699	Source of Paleo: OPERATOR	Borehole MD: 14114
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13760
API Well Number: 427124005500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4400 - 14100	Water Depth: 310
Public Info Code: Y 09-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: 13920=Melonis pompilioides increase

MD / TVD	Paleo Top Description	Ecozone
4400 / 4400	DEF AT first sample examined	DEF AT 3
4580 / 4580	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5780 / 5780	DEF AT faunal change (no faunal increase)	DEF AT 4
7640 / 7628	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
8090 / 8053	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
9080 / 8958	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9620 / 9443	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10100 / 9892	DEF AT local marker foram increase	DEF AT 4
13650 / 13300	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
13920 / 13566	DEF AT local marker deep water fauna	DEF AT 5
14100 / 13743	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 138	Date of Summary: 12-JUL-1988	First Sample Examined: 0
Lease Number: G07192	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6111
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6049
API Well Number: 427124009600	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 286
Public Info Code: Y 29-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
4900 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5140 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
6111 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 139	Date of Summary: 08-NOV-1985	First Sample Examined: 0
Lease Number: G06030	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14232
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14093
API Well Number: 427124008300	Drilling Operator: OXY USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 29-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4850 / 4848	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5450 / 5448	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7600 / 7595	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
7990 / 7985	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9050 / 9045	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10180 / 10174	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11230 / 11222	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
13690 / 13598	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 164	Date of Summary: 14-DEC-1987	First Sample Examined: 4000
Lease Number: G07193	Source of Paleo: OPERATOR	Borehole MD: 18500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18500
API Well Number: 427124009300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 4000 - 18500	Water Depth: 322
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF IN 3
4330 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5470 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5920 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7780 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9130 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9160 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9310 /	DEF AT -----	DEF AT 4
10030 /	DEF AT -----	DEF AT 5
10060 /	DEF AT -----	DEF AT 6
10360 /	DEF AT -----	DEF AT 5
12130 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
14500 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
15130 /	DEF AT -----	DEF AT 6
17500 /	DEF AT poor sample interval top	DEF AT 0
18500 /	DEF AT poor sample interval bottom	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 164	Date of Summary: 02-JAN-1988	First Sample Examined: 0
Lease Number: G07193	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18500
API Well Number: 427124009300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 322
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5470 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7780 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9130 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9160 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12130 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
14500 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: MU A 167	Date of Summary: 24-JUN-1988	First Sample Examined: 0
Lease Number: G08096	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7904
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7904
API Well Number: 427124009800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 440
Public Info Code: Y 26-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1580 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
1930 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
2308 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
2691 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
4085 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4920 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
5730 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7200 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 1	Date of Summary: 05-MAY-1987	First Sample Examined: 9010
Lease Number: G04234	Source of Paleo: OPERATOR	Borehole MD: 14950
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14942
API Well Number: 177134008500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 4600 - 14950	Water Depth: 27
Public Info Code: Y 19-FEB-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9010 /	DEF AT first sample examined	DEF AT
9550 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9610 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9790 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9850 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10210 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10480 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10930 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11260 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12070 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12160 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12520 /	DEF AT sample gap top	POS AT 3
13030 /	DEF AT sample gap bottom	DEF AT 3
13510 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13630 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13870 /	POS AT Middle Miocene	DEF AT 5
14620 /	DEF AT faunal change (no faunal increase)	DEF AT 2
14950 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 1	Date of Summary: 05-MAY-1987	First Sample Examined: 11044
Lease Number: G04234	Source of Paleo: OPERATOR	Borehole MD: 15324
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12772
API Well Number: 177134009200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4400 - 15324	Water Depth: 29
Public Info Code: Y 01-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11044 / 9143	DEF AT first sample examined	DEF AT 2
11817 / 9752	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
12160 /10027	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
13457 /11094	DEF AT faunal change (no faunal increase)	DEF AT 3
13823 /11412	DEF AT faunal change (no faunal increase)	DEF AT 2
14029 /11594	DEF AT faunal change (no faunal increase)	DEF AT 3
14060 /11622	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
15324 /12785	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 1	Date of Summary: 05-MAY-1987	First Sample Examined: 10754
Lease Number: G04234	Source of Paleo: OPERATOR	Borehole MD: 14455
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 12635
API Well Number: 177134009800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 9109 - 14449	Water Depth: 30
Public Info Code: Y 19-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10754 / 9423	DEF AT first sample examined	DEF AT 2
11004 / 9632	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
11411 / 9975	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
13366 / 11670	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
14305 / 12478	DEF AT faunal change (no faunal increase)	DEF AT 4
14449 / 12602	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 8	Date of Summary: 27-NOV-1978	First Sample Examined: 8000
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 14566
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14562
API Well Number: 177134003800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 8000 - 14450	Water Depth: 35
Public Info Code: Y 13-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF IN 2
10400 /10399	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11090 /11088	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11150 /11148	DEF AT -----	DEF AT 4
11810 /11808	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12710 /12708	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14450 /14446	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 8	Date of Summary: 27-NOV-1978	First Sample Examined: 8000
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 14566
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14562
API Well Number: 177134003800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 8000 - 14540	Water Depth: 35
Public Info Code: Y 13-DEC-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 / 7999	DEF AT first sample examined	DEF AT 2
10610 /10609	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10850 /10848	DEF AT -----	DEF AT 3
11090 /11088	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12710 /12708	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12830 /12828	DEF AT -----	DEF AT 3
13130 /13128	DEF AT -----	DEF AT 4
13310 /13308	DEF AT -----	DEF AT 3
14480 /14476	DEF AT -----	DEF AT 5
14510 /14506	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14540 /14536	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 8	Date of Summary: 05-APR-1983	First Sample Examined: 10000
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 16100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16078
API Well Number: 177134010500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 4	Sample Range: 10000 - 14470	Water Depth: 35
Public Info Code: Y 19-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9998	DEF AT first sample examined	DEF AT 3
10570 /10568	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11020 /11018	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11620 /11618	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12220 /12218	DEF AT local marker (general)	DEF AT 3
12760 /12758	DEF AT sample gap top	DEF AT 0
12789 /12787	DEF AT sample gap bottom	DEF AT 0
12790 /12788	DEF AT -----	DEF AT 4
12850 /12848	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12970 /12968	DEF AT -----	DEF AT 4
13390 /13388	DEF AT -----	DEF AT 3
13990 /13988	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14470 /14467	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 8	Date of Summary: 05-APR-1983	First Sample Examined: 12500
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 16100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16078
API Well Number: 177134010500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 4	Sample Range: 12500 - 16190	Water Depth: 35
Public Info Code: Y 19-APR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack 1

MD / TVD	Paleo Top Description	Ecozone
12500 /12498	DEF AT first sample examined	DEF AT 3
12770 /12768	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12920 /12918	DEF AT -----	DEF AT 3
13940 /13938	DEF AT -----	DEF AT 5
14000 /13998	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14090 /14088	DEF AT -----	DEF AT 4
14360 /14357	DEF AT -----	DEF AT 5
14600 /14597	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15350 /15340	DEF AT Arenaceous fauna (local marker)	DEF AT 5
16190 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 8	Date of Summary: 05-APR-1983	First Sample Examined: 14200
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 16100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16078
API Well Number: 177134010500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 3 of 4	Sample Range: 14200 - 16030	Water Depth: 35
Public Info Code: Y 19-APR-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14200 /14198	DEF AT first sample examined	DEF AT 4
14680 /14677	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15310 /15301	DEF AT local marker foram increase	DEF AT 5
15430 /15420	DEF AT -----	DEF AT 4
16030 /16010	DEF AT last sample examined	DEF AT 4

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 GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 8	<b>Date of Summary:</b> 09-JUN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03587	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16100
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16078
<b>API Well Number:</b> 177134010500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 19-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Report= sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 /10568	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11020 /11018	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12850 /12848	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14600 /14597	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 9	Date of Summary:	First Sample Examined: 0
Lease Number: G02924	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14341
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14341
API Well Number: 177134003900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 06-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10650 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 9	Date of Summary: 11-JUN-1997	First Sample Examined: 0
Lease Number: G02924	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13905
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 13639
API Well Number: 177134009000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 04-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10890 /10669	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary:	First Sample Examined: 0
Lease Number: G02924	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13751
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13191
API Well Number: 177134001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 11-JAN-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6825 / 6462	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8865 / 8352	POS AT Arenaceous fauna (local marker)	DEF AT 0
10453 / 9902	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13350 / 12795	POS AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary:	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10052
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9646
API Well Number: 177134002200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7688	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary:	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13622
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 11921
API Well Number: 177134002700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 19-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10460 / 9918	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary:	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14132
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 13270
API Well Number: 177134003300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 08-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9536	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 10	<b>Date of Summary:</b> 22-MAY-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02925	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13063
<b>Well Name:</b> 010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12452
<b>API Well Number:</b> 177134007200	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 30
<b>Public Info Code:</b> Y 05-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10045 / 9639	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary:	First Sample Examined: 12900
Lease Number: G02925	Source of Paleo: OPERATOR	Borehole MD: 13356
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 13028
API Well Number: 177134006700	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 10-NOV-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12900 /12609	POS IN Middle Miocene	DEF AT 0
12930 /12637	DEF AT Eggerella sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13356
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 13028
API Well Number: 177134006700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 10-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9820 / 9800	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 14-AUG-1980	First Sample Examined: 11910
Lease Number: G02925	Source of Paleo: OPERATOR	Borehole MD: 12931
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 12301
API Well Number: 177134007400	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 11910 - 12870	Water Depth: 35
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11910 /11315	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12030 /11434	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 0
12420 /11824	DEF AT local marker benthic foram increase	DEF AT 0
12660 /12064	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12931
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 12301
API Well Number: 177134007400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10295 / 9746	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14472
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 14007
API Well Number: 177134009400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 17-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6590 / 6408	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10530 / 10098	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11600 / 11153	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 30-NOV-1982	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177134009500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 9800 - 12320	Water Depth: 35
Public Info Code: Y 15-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11090 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12170 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12260 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 0
12320 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177134009500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 15-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9450 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 06-APR-1983	First Sample Examined: 8700
Lease Number: G02925	Source of Paleo: OPERATOR	Borehole MD: 11545
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 11329
API Well Number: 177134010600	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 8700 - 11550	Water Depth: 35
Public Info Code: Y 18-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8700 / 8207	DEF AT first sample examined	DEF AT 0
10260 / 9191	DEF AT Arenaceous fauna (local marker)	DEF AT 0
10650 / 9444	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11550 / 10074	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 10	Date of Summary: 06-APR-1983	First Sample Examined: 12250
Lease Number: G02925	Source of Paleo: OPERATOR	Borehole MD: 11545
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 11329
API Well Number: 177134010600	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 12250 - 13390	Water Depth: 35
Public Info Code: Y 18-DEC-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12250 /10525	DEF AT first sample examined	DEF AT 0
12251 /10525	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0
12310 /10563	DEF AT local marker foram increase	DEF AT 0
12370 /10600	DEF AT local marker (general)	DEF AT 0
13240 /11148	DEF AT local marker deep water fauna	DEF AT 0
13390 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 11	Date of Summary:	First Sample Examined: 0
Lease Number: 00071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13228
Well Name: 017	Paleo Done By: OPERATOR	Borehole TVD: 12441
API Well Number: 177134003100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 22-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7795	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 11	Date of Summary:	First Sample Examined: 0
Lease Number: 00071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15000
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 14222
API Well Number: 177134003700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 04-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10290 / 9527	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 11	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00071	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14240
<b>Well Name:</b> 019	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13499
<b>API Well Number:</b> 177134004500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 18-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10160 / 9465	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12240 /11507	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12600 /11866	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 28-NOV-1984	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12245
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 12229
API Well Number: 177134007500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 14-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
9600 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10730 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12110 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
12169 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13668
Well Name: 017	Paleo Done By: OPERATOR	Borehole TVD: 13510
API Well Number: 177134007600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 16-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10050 / 9903	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11090 / 10936	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12260 / 12104	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12560 / 12404	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> PL 12 <b>Lease Number:</b> 00072 <b>Well Name:</b> 021 <b>API Well Number:</b> 177134004800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 04-AUG-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL &amp; GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12308 <b>Borehole TVD:</b> 12292 <b>Rkb Elevation:</b> 52 <b>Water Depth:</b> 23 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9680 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12000 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary:	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15000
Well Name: 022	Paleo Done By: OPERATOR	Borehole TVD: 14924
API Well Number: 177134002800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 07-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7360 / 7357	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9633 / 9629	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11240 / 11235	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 12	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00072	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13206
<b>Well Name:</b> 023	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13200
<b>API Well Number:</b> 177134003600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 29-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7230 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9730 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10700 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11120 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> PL 12 <b>Lease Number:</b> 00072 <b>Well Name:</b> 024 <b>API Well Number:</b> 177134004400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 26-JAN-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL &amp; GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12500 <b>Borehole TVD:</b> 12490 <b>Rkb Elevation:</b> 71 <b>Water Depth:</b> 36 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9885 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10970 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11945 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11990
Well Name: 025	Paleo Done By: OPERATOR	Borehole TVD: 11939
API Well Number: 177134005500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 128
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 19-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4880 / 4880	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9673 / 9665	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10420 /10411	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10892 /10882	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11880 /11870	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 27-JUL-1994	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11990
Well Name: 025	Paleo Done By: OPERATOR	Borehole TVD: 11939
API Well Number: 177134005500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 128
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 19-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9666 / 9658	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10797 / 10787	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11343 / 11333	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 14-DEC-1998	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11931
Well Name: 026	Paleo Done By: OPERATOR	Borehole TVD: 11922
API Well Number: 177134004700	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 11-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10736 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
10943 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11220 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11842 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> PL 12 <b>Lease Number:</b> 00072 <b>Well Name:</b> 029 <b>API Well Number:</b> 177134005000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 13-APR-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL &amp; GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12600 <b>Borehole TVD:</b> 12589 <b>Rkb Elevation:</b> 126 <b>Water Depth:</b> 31 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9783 / 9776	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10822 / 10812	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11790 / 11778	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary:	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12400
Well Name: 030	Paleo Done By: OPERATOR	Borehole TVD: 12384
API Well Number: 177134005300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 124
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 16-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9757 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11552 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 31-MAY-1979	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12400
Well Name: 030	Paleo Done By: OPERATOR	Borehole TVD: 12384
API Well Number: 177134005300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 124
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 16-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9757 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11552 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11816 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary:	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: 031	Paleo Done By: OPERATOR	Borehole TVD: 12083
API Well Number: 177134005700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 02-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10035 /10030	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11010 /11003	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary:	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11980
Well Name: 033	Paleo Done By: OPERATOR	Borehole TVD: 11974
API Well Number: 177134005800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 16-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7468 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9588 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10922 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary:	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12730
Well Name: 034	Paleo Done By: OPERATOR	Borehole TVD: 12639
API Well Number: 177134006800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 28-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9825	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11050 / 10964	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 12	Date of Summary: 19-MAR-1981	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12451
Well Name: 034	Paleo Done By: OPERATOR	Borehole TVD: 12433
API Well Number: 177134008000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 28
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 10-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11300 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11720 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 13	<b>Date of Summary:</b> 23-DEC-1977	<b>First Sample Examined:</b> 7820
<b>Lease Number:</b> G03171	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15242
<b>Well Name:</b> A003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 14854
<b>API Well Number:</b> 177134001900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7820 - 15180	<b>Water Depth:</b> 37
<b>Public Info Code:</b> Y 12-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7820	DEF AT first sample examined	DEF AT 2
8390 / 8388	DEF AT -----	DEF AT 3
10310 /10222	DEF AT sandstone	DEF AT 3
10580 /10478	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10970 /10847	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11780 /11594	DEF AT poor sample interval top	DEF AT 0
12449 /12217	DEF AT poor sample interval bottom	DEF AT 0
12450 /12217	DEF AT -----	DEF AT 5
12510 /12274	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12660 /12414	DEF AT -----	DEF AT 4
13290 /13007	DEF AT -----	DEF AT 3
14010 /13691	DEF AT -----	DEF AT 3
14280 /13950	DEF AT cement	DEF AT 0
14970 /14612	POS AT Arenaceous fauna (local marker)	DEF AT 5
15030 /14669	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15180 /14813	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 23-FEB-1978	First Sample Examined: 7000
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 14172
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13571
API Well Number: 177134002000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7000 - 14170	Water Depth: 35
Public Info Code: Y 25-FEB-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6995	DEF AT first sample examined	DEF IN 2
8350 / 8280	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11200 /10830	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12970 /12459	DEF AT -----	DEF AT 4
13060 /12542	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14170 /13571	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 19-JUN-1978	First Sample Examined: 9000
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 15342
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14930
API Well Number: 177134002600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 9000 - 15330	Water Depth: 35
Public Info Code: Y 06-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8889	DEF AT first sample examined	DEF AT 3
11009 /10787	POS AT fault	DEF AT 0
11010 /10788	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11760 /11514	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12810 /12514	DEF AT -----	DEF AT 4
12900 /12599	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13320 /13002	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13650 /13319	DEF AT -----	DEF AT 3
15120 /14720	DEF AT -----	DEF AT 5
15150 /14747	DEF AT Eggerella 3 (local marker)	DEF AT 5
15180 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15330 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 20-JUN-1978	First Sample Examined: 9000
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 15342
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14930
API Well Number: 177134002600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 9000 - 15341	Water Depth: 35
Public Info Code: Y 06-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8889	DEF AT first sample examined	DEF IN 2
9180 / 9057	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11190 /10962	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12930 /12628	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15180 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15341 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 27-MAR-1978	First Sample Examined: 9000
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 15023
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14763
API Well Number: 177134002400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 9000 - 15023	Water Depth: 35
Public Info Code: Y 14-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8897	DEF AT first sample examined	DEF IN 2
10800 /10578	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11340 /11095	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12600 /12341	DEF AT -----	DEF AT 4
13110 /12851	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15023 /14763	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 11-APR-1978	First Sample Examined: 9000
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 15023
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14763
API Well Number: 177134002400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 2 of 3	Sample Range: 9000 - 15000	Water Depth: 35
Public Info Code: Y 14-APR-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8897	DEF AT first sample examined	DEF AT 2
9960 / 9788	DEF AT -----	DEF AT 3
10590 /10380	DEF AT sandstone	DEF AT 3
10770 /10550	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10920 /10692	DEF AT -----	DEF AT 3
11160 /10921	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11730 /11477	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12540 /12281	DEF AT -----	DEF AT 5
12570 /12311	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12840 /12581	DEF AT -----	DEF AT 4
13050 /12791	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13110 /12851	DEF AT -----	DEF AT 3
14970 /14710	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15000 /14740	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 07-APR-1997	First Sample Examined: 0
Lease Number: G03587	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15023
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 14763
API Well Number: 177134002400	Drilling Operator: AMERICAN RESOURCES OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 14-APR-1988	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10800 /10578	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11340 /11095	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13110 /12851	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 13	<b>Date of Summary:</b> 29-SEP-1978	<b>First Sample Examined:</b> 9000
<b>Lease Number:</b> G03587	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15067
<b>Well Name:</b> A007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14857
<b>API Well Number:</b> 177134003500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9000 - 15067	<b>Water Depth:</b> 37
<b>Public Info Code:</b> Y 20-OCT-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Revised report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8917	DEF AT first sample examined	DEF IN 2
10650 /10477	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11400 /11197	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12450 /12240	DEF AT -----	DEF AT 4
12570 /12360	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15067 /14857	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 13	Date of Summary: 05-OCT-1978	First Sample Examined: 9000
Lease Number: G03587	Source of Paleo: OPERATOR	Borehole MD: 15067
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14857
API Well Number: 177134003500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 9000 - 15030	Water Depth: 37
Public Info Code: Y 20-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8917	DEF AT first sample examined	DEF AT 3
10500 /10335	DEF AT sandstone	DEF AT 3
10770 /10590	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11250 /11050	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12570 /12360	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12780 /12570	DEF AT -----	DEF AT 4
13050 /12840	DEF AT -----	DEF AT 5
13230 /13020	DEF AT -----	DEF AT 3
15030 /14820	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 16	Date of Summary: 30-AUG-1988	First Sample Examined: 0
Lease Number: G08722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11811
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10511
API Well Number: 177134016000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
2883 / 2866	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
4680 / 4483	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4946 / 4717	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5905 / 5523	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6670 / 6151	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8192 / 7419	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
10702 / 9525	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11575 / 10297	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 18	<b>Date of Summary:</b> 28-NOV-1979	<b>First Sample Examined:</b> 8420
<b>Lease Number:</b> G03589	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15645
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15630
<b>API Well Number:</b> 177134006300	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8420 - 15620	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 23-NOV-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8420 /	DEF AT first sample examined	DEF IN 2
8630 /	DEF AT - - - - -	DEF AT 3
8750 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
8810 /	DEF AT sample gap top	DEF AT 0
9020 /	DEF AT sample gap bottom	DEF AT 0
11720 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12920 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13070 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14390 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15620 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 18	Date of Summary: 12-FEB-1980	First Sample Examined: 8000
Lease Number: G03589	Source of Paleo: OPERATOR	Borehole MD: 15645
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15630
API Well Number: 177134006300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8000 - 15590	Water Depth: 50
Public Info Code: Y 23-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 2
8630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8840 /	DEF AT -----	DEF AT 2
11660 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11780 /	DEF AT -----	DEF AT 2
12980 /	DEF AT -----	DEF AT 3
13010 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
13130 /	DEF AT -----	DEF AT 2
13460 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13640 /	DEF AT -----	DEF AT 4
13970 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
14030 /	DEF AT -----	DEF AT 3
14120 /	DEF AT sandstone	DEF AT 3
14300 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
15590 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PL 18	<b>Date of Summary:</b> 15-FEB-1980	<b>First Sample Examined:</b> 11290
<b>Lease Number:</b> G03589	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16777
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16062
<b>API Well Number:</b> 177134006301	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 11290 - 16777	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 23-NOV-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11290 /11283	DEF AT first sample examined	DEF IN 3
11950 /11927	DEF AT sample gap top	DEF AT 0
12730 /12661	DEF AT sample gap bottom	DEF AT 0
12970 /12879	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13660 /13481	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14530 /14233	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16777 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 18	Date of Summary: 27-FEB-1980	First Sample Examined: 10660
Lease Number: G03589	Source of Paleo: OPERATOR	Borehole MD: 16777
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16062
API Well Number: 177134006301	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 10660 - 16750	Water Depth: 50
Public Info Code: Y 23-NOV-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10660 /10659	DEF AT cement	DEF AT 0
10750 /10749	DEF AT -----	DEF AT 3
11650 /11636	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13210 /13089	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
13690 /13507	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13870 /13659	DEF AT -----	DEF AT 3
14320 /14047	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
14800 /14475	DEF AT -----	DEF AT 4
15010 /14666	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
15220 /14859	DEF AT -----	DEF AT 3
15430 /15050	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
16240 /15714	DEF AT -----	DEF AT 5
16300 /15757	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
16750 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 18	Date of Summary: 01-MAR-1979	First Sample Examined: 8000
Lease Number: G03589	Source of Paleo: OPERATOR	Borehole MD: 17300
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17286
API Well Number: 177134004200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 8000 - 17300	Water Depth: 48
Public Info Code: Y 23-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 / 7999	DEF AT first sample examined	DEF IN 2
8750 / 8748	POS AT faunal change (no faunal increase)	POS AT 3
8840 / 8838	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10640 / 10638	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11060 / 11058	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12230 / 12228	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12560 / 12558	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14810 / 14808	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16580 / 16577	POS AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
17090 / 17080	DEF AT faunal change (no faunal increase)	DEF AT 5
17300 / 17286	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 18	Date of Summary: 06-MAR-1979	First Sample Examined: 8000
Lease Number: G03589	Source of Paleo: OPERATOR	Borehole MD: 17300
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17286
API Well Number: 177134004200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 8000 - 17270	Water Depth: 48
Public Info Code: Y 23-NOV-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF AT 2
8001 / 8000	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10580 /10578	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10910 /10908	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11630 /11628	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12200 /12198	DEF IN faunal change (no faunal increase)	DEF AT 4
12440 /12438	DEF AT faunal change (no faunal increase)	DEF AT 3
12740 /12738	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13310 /13308	DEF IN faunal change (no faunal increase)	DEF AT 5
13760 /13758	DEF AT faunal change (no faunal increase)	DEF AT 4
14570 /14568	DEF AT faunal change (no faunal increase)	DEF AT 5
14690 /14688	DEF AT faunal change (no faunal increase)	DEF AT 4
16610 /16607	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
17270 /17256	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 18	Date of Summary: 26-JUN-1980	First Sample Examined: 9000
Lease Number: G03589	Source of Paleo: OPERATOR	Borehole MD: 16919
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16685
API Well Number: 177134007300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 9000 - 16890	Water Depth: 40
Public Info Code: Y 23-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF AT 2
10739 /10733	POS AT fault	DEF AT 0
10740 /10734	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11130 /11115	DEF AT -----	DEF AT 4
11220 /11200	DEF AT -----	DEF AT 3
11430 /11401	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11730 /11689	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
12210 /12153	DEF AT -----	DEF AT 2
13080 /12987	DEF AT cement	DEF AT 0
13410 /13301	DEF AT -----	DEF AT 5
13440 /13329	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
13890 /13760	DEF AT -----	DEF AT 3
14490 /14339	DEF AT -----	DEF AT 4
15150 /14981	DEF AT -----	DEF AT 3
16710 /	DEF AT -----	DEF AT 5
16740 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
16890 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 18	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G03589	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16919
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16685
API Well Number: 177134007300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 23-NOV-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10590 /10586	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10740 /10734	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11430 /11401	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13160 /13063	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 19	Date of Summary: 19-JUN-1981	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8700
Well Name: 033	Paleo Done By: OPERATOR	Borehole TVD: 8606
API Well Number: 177134008900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 19-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3099	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 19	Date of Summary: 17-JUL-1995	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12615
Well Name: 035	Paleo Done By: OPERATOR	Borehole TVD: 12595
API Well Number: 177134008700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 12-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11280 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 19	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15200
Well Name: 036	Paleo Done By: OPERATOR	Borehole TVD: 15176
API Well Number: 177134009100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 25-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12120 /12104	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12920 /12903	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 19	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13330
Well Name: 037	Paleo Done By: OPERATOR	Borehole TVD: 13315
API Well Number: 177134009600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 10-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11670 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12590 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 19	Date of Summary: 24-FEB-1983	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8796
Well Name: 038	Paleo Done By: OPERATOR	Borehole TVD: 8765
API Well Number: 177134010400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 07-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6602 / 6585	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 19	Date of Summary: 16-FEB-1983	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11552
Well Name: 041	Paleo Done By: OPERATOR	Borehole TVD: 11462
API Well Number: 177134010100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 26-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7120 / 7117	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9975 / 9961	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
10325 / 10302	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 20	Date of Summary: 24-MAR-1982	First Sample Examined: 0
Lease Number: 00074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7819
Well Name: 028	Paleo Done By: OPERATOR	Borehole TVD: 7706
API Well Number: 177134009300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7377	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PL 20	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: 00074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7361
Well Name: 029	Paleo Done By: OPERATOR	Borehole TVD: 7238
API Well Number: 177134009900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 22-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5930 / 5863	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 886	Date of Summary: 08-DEC-1988	First Sample Examined: 0
Lease Number: G07133	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14700
API Well Number: 427014003300	Drilling Operator: CXO PRODUCING CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 21-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 /	POS AT Oligocene Anahuac Formation/Provincial Stage	DEF AT 0
9411 /	POS AT Oligocene Frio Formation/Provincial Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN 909	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 4680
<b>Lease Number:</b> G05952	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9000
<b>API Well Number:</b> 427014002600	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 4680 - 9000	<b>Water Depth:</b> 128
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 /	DEF AT first sample examined	DEF AT 2
4880 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5870 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6990 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
7380 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
7830 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
9000 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 909	Date of Summary: 04-NOV-1988	First Sample Examined: 4680
Lease Number: G05952	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 9000
API Well Number: 427014002600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 4680 - 8520	Water Depth: 128
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4680 /	DEF AT first sample examined	DEF AT 2
4681 /	DEF AT gray shale	DEF AT 2
4730 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4880 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5030 /	POS AT gray shale	DEF AT 2
5300 /	DEF AT local marker foram decrease	DEF AT 2
5810 /	DEF AT local marker ostracod (see remarks)	DEF AT 2
5870 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6230 /	DEF AT charophytes	DEF AT 1
7020 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
7320 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
7440 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
7830 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8040 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 2
8370 /	DEF AT sand	DEF AT 2
8520 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 909	Date of Summary: 04-NOV-1988	First Sample Examined: 6510
Lease Number: G05952	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 9000
API Well Number: 427014002600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 3 of 3	Sample Range: 6510 - 9000	Water Depth: 128
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 /	DEF AT first sample examined	DEF AT 1
6690 /	DEF AT charophytes	DEF AT 1
6960 /	DEF AT sample gap top	DEF AT 0
7229 /	DEF AT sample gap bottom	DEF AT 0
7230 /	DEF AT local marker foram increase	DEF AT 2
7320 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
7500 /	POS AT Lower Miocene (Aquitanian) Lenticulina hansenii	DEF AT 2
7530 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 2
7770 /	DEF AT sample gap top	POS AT 2
8519 /	DEF AT sample gap bottom	DEF AT 2
8520 /	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8760 /	DEF AT local marker foram increase	DEF AT 2
9000 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 912	Date of Summary: 25-APR-1985	First Sample Examined: 0
Lease Number: G05958	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5241
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5241
API Well Number: 427134004200	Drilling Operator: TEXAS GAS PRODUCTION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
2410 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4530 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
5040 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 936	Date of Summary: 10-MAY-1988	First Sample Examined: 4600
Lease Number: G08070	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9415
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9415
API Well Number: 427014003100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 27-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5290 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8920 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0
9415 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 948	Date of Summary: 11-JAN-1991	First Sample Examined: 0
Lease Number: G10122	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 427014004200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 / 3360	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5050 / 5050	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
5352 / 5352	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 27-OCT-1978	First Sample Examined: 1000
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 9415
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8300
API Well Number: 427014000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 1000 - 4480	Water Depth: 115
Public Info Code: Y 08-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=sidetrack; lease number on paleo report is questionable; 4850-9150=sidetrack tops

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 999	DEF AT first sample examined	DEF AT 2
1120 / 1119	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1420 / 1419	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
1480 / 1479	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1660 / 1659	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1840 / 1839	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
2860 / 2859	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
2920 / 2919	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
3340 / 3339	DEF AT local marker foram increase	DEF AT 2
3400 / 3399	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3460 / 3458	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3520 / 3518	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
4180 / 4177	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4480 / 4477	DEF AT last sample examined	DEF AT 2
4890 / 4887	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5730 / 5727	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6360 / 6357	POS AT -----	DEF AT 1
6510 / 6507	POS AT -----	DEF AT 2
7830 / 7824	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
7890 / 7884	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
8400 / 8393	POS AT -----	DEF AT 1
8520 / 8513	POS AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 27-OCT-1978	First Sample Examined: 1000
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 9415
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8300
API Well Number: 427014000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 1000 - 4480	Water Depth: 115
Public Info Code: Y 08-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 / 9143	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 15-DEC-1978	First Sample Examined: 3120
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 9415
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8300
API Well Number: 427014000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 3120 - 9390	Water Depth: 115
Public Info Code: Y 08-JAN-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack; OCS lease number is questionable

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 3119	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
3300 / 3299	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3600 / 3598	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3660 / 3658	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
3960 / 3958	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4200 / 4197	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4890 / 4887	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5190 / 5187	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5730 / 5727	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6330 / 6327	DEF AT calcite	DEF AT 2
6360 / 6357	DEF AT faunal change (no faunal increase)	DEF AT 1
6510 / 6507	DEF AT faunal change (no faunal increase)	DEF AT 2
6690 / 6687	DEF AT faunal change (no faunal increase)	DEF AT 1
6780 / 6777	DEF AT faunal change (no faunal increase)	DEF AT 1
6930 / 6927	DEF AT local marker foram increase	DEF AT 1
7470 / 7464	DEF AT faunal change (no faunal increase)	DEF AT 2
7830 / 7824	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
7890 / 7884	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
7950 / 7944	DEF AT calcite	DEF AT 2
8400 / 8393	DEF AT faunal change (no faunal increase)	DEF AT 1
8520 / 8513	DEF AT faunal change (no faunal increase)	DEF AT 2
9150 / 9143	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 15-DEC-1978	First Sample Examined: 3120
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 9415
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8300
API Well Number: 427014000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 3120 - 9390	Water Depth: 115
Public Info Code: Y 08-JAN-1989	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 / 9383	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN 956	<b>Date of Summary:</b> 04-FEB-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03723	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11500
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9601
<b>API Well Number:</b> 427014001500	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 5	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 116
<b>Public Info Code:</b> Y 30-DEC-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1299	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1840 / 1826	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
1960 / 1940	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3280 / 3085	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3640 / 3384	DEF AT -----	DEF AT 2
3820 / 3532	DEF AT local marker foram increase	DEF AT 2
4000 / 3681	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4840 / 4380	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5740 / 5145	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6100 / 5446	DEF AT -----	DEF AT 1
6700 / 5934	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9760 / 8351	POS IN Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 1
10150 / 8643	DEF AT last sample examined	DEF AT 1
10960 / 9213	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 04-FEB-1982	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9601
API Well Number: 427014001500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 5	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 30-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10070 / 8584	POS IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
10960 / 9213	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1
11350 / 9491	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 04-FEB-1982	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9601
API Well Number: 427014001500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 3 of 5	Sample Range: 10050 - 11550	Water Depth: 116
Public Info Code: Y 30-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10800 / 9101	POS IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
11010 / 9248	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1
11310 / 9463	DEF AT - - - - -	DEF AT 2
11550 /	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 04-FEB-1982	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9601
API Well Number: 427014001500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 4 of 5	Sample Range: 10030 - 11500	Water Depth: 116
Public Info Code: Y 30-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 005

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10810 / 9108	POS IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
11080 / 9298	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1
11410 / 9535	DEF AT -----	DEF AT 2
11500 / 9601	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9601
API Well Number: 427014001500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 5 of 5	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 30-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1299	POS AT Upper (Late) Miocene	DEF AT 0
1301 / 1300	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
1302 / 1301	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6700 / 5934	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 956	Date of Summary: 12-JUL-1982	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8675
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7489
API Well Number: 427014001700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 22-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1870 / 1853	POS AT Upper (Late) Miocene	DEF AT 0
1871 / 1854	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
1872 / 1855	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6770 / 5890	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 968	Date of Summary: 24-JUN-1976	First Sample Examined: 800
Lease Number: G03219	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 427014000100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 800 - 5990	Water Depth: 127
Public Info Code: Y 23-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1160 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1340 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
1400 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1700 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
1940 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2240 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3020 /	DEF AT local marker foram increase	DEF AT 1
3140 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3200 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
3320 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
3800 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4070 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4190 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
4280 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
4400 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4850 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
4970 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5990 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 995	Date of Summary: 29-JUL-1985	First Sample Examined: 4030
Lease Number: G07147	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13812
API Well Number: 427134004700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4030 - 14000	Water Depth: 164
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4029	DEF AT first sample examined	DEF IN 3
4420 / 4419	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5410 / 5408	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6700 / 6697	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
6880 / 6876	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7060 / 7056	DEF AT - - - - -	DEF AT 4
7420 / 7416	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
7480 / 7476	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
9190 / 9185	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11260 / 11254	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
13060 / 13040	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
13270 / 13241	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13930 / 13769	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
14000 / 13812	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1000	Date of Summary: 20-JAN-1988	First Sample Examined: 4420
Lease Number: G07143	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9450
API Well Number: 427014003200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 4420 - 9450	Water Depth: 100
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4420 /	DEF AT first sample examined	DEF IN 3
4510 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9450 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1000	Date of Summary: 03-FEB-1988	First Sample Examined: 0
Lease Number: G07143	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9450
API Well Number: 427014003200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 31-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1011	Date of Summary: 20-SEP-1988	First Sample Examined: 0
Lease Number: G05962	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 427134006300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5320 / 5320	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6700 / 6700	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8880 / 8880	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9595 / 9595	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10860 / 10859	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11440 / 11439	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN 1018	<b>Date of Summary:</b> 05-MAR-1987	<b>First Sample Examined:</b> 8900
<b>Lease Number:</b> G05963	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16804
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16796
<b>API Well Number:</b> 427134004400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4500 - 16800	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF AT 2
8900 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
9080 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
11150 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
13240 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
13630 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
16800 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1018	Date of Summary: 06-AUG-1987	First Sample Examined: 4500
Lease Number: G05963	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16804
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16796
API Well Number: 427134004400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4500 - 16800	Water Depth: 143
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT 2
4501 /	DEF AT cement	DEF AT 2
4679 /	DEF AT gray shale	DEF AT 2
4680 /	DEF AT local marker foram increase	DEF AT 2
4740 /	DEF AT local marker foram decrease	DEF AT 2
5400 /	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
5520 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
5610 /	DEF AT local marker planktic foram increase	DEF AT 3
5669 /	DEF AT gray shale	DEF AT 3
5670 /	DEF AT pyrite	DEF AT 3
6510 /	DEF AT sand	DEF AT 3
6630 /	DEF AT drilling material	DEF AT 3
6659 /	DEF AT gray shale	DEF AT 3
6660 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
6959 /	DEF AT oxidized shale	DEF AT 3
6960 /	DEF AT local marker foram increase	DEF AT 3
7080 /	DEF AT local marker foram decrease	DEF AT 3
7230 /	DEF AT pyrite	DEF AT 3
7231 /	DEF AT oxidized shale	DEF AT 3
7350 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
7410 /	DEF AT pyrite	DEF AT 4
7470 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1018	Date of Summary: 06-AUG-1987	First Sample Examined: 4500
Lease Number: G05963	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16804
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16796
API Well Number: 427134004400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4500 - 16800	Water Depth: 143
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
7980 /	DEF AT drilling material	DEF AT 4
8330 /	DEF AT local marker planktic foram increase	DEF AT 4
8510 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
8600 /	DEF AT sand	DEF AT 4
8720 /	DEF AT local marker planktic foram increase	DEF AT 4
8750 /	DEF AT foram flood	DEF AT 4
8780 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
9080 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
9199 /	DEF AT gray shale	DEF AT 4
9200 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
9590 /	DEF AT local marker foram decrease	DEF AT 4
9650 /	DEF AT drilling material	DEF AT 4
9710 /	DEF AT sample gap top	DEF AT 0
9739 /	DEF AT sample gap bottom	DEF AT 0
9740 /	DEF AT gray shale	DEF AT 4
9741 /	DEF AT drilling material	DEF AT 4
10550 /	DEF AT limestone	DEF AT 4
10789 /	DEF AT gray shale	DEF AT 4
10790 /	DEF AT local marker planktic foram increase	DEF AT 4
10940 /	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
11120 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11330 /	DEF AT oxidized shale	DEF AT 4
11840 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1018	Date of Summary: 06-AUG-1987	First Sample Examined: 4500
Lease Number: G05963	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16804
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16796
API Well Number: 427134004400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4500 - 16800	Water Depth: 143
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12050 /	DEF AT foram flood	DEF AT 4
12200 /	DEF AT local marker foram decrease	DEF AT 4
12440 /	DEF AT sand	DEF AT 4
12860 /	DEF AT sample gap top	DEF AT 0
12889 /	DEF AT sample gap bottom	DEF AT 4
12890 /	DEF AT gray shale	DEF AT 4
12980 /	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 4
13000 /	DEF AT drilling material	DEF AT 4
13029 /	DEF AT gray shale	DEF AT 4
13030 /	DEF AT foram flood	DEF AT 4
13240 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13330 /	POS AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
13540 /	DEF AT local marker foram increase	DEF AT 4
13630 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13780 /	DEF AT local marker foram decrease	DEF AT 3
14050 /	DEF AT oxidized shale	DEF AT 3
14440 /	DEF AT sample gap top	DEF AT 0
14470 /	DEF AT sample gap bottom	DEF AT 3
14860 /	DEF AT oxidized shale	DEF AT 3
15310 /	DEF AT oxidized shale	DEF AT 3
15430 /	DEF AT oxidized shale	DEF AT 3
15810 /	DEF AT sand	DEF AT 3
15870 /	DEF AT gray shale	DEF AT 3
16080 /	POS AT oxidized shale	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN 1018	Date of Summary: 06-AUG-1987	First Sample Examined: 4500
Lease Number: G05963	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16804
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16796
API Well Number: 427134004400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4500 - 16800	Water Depth: 143
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16230 /	DEF AT oxidized shale	DEF AT 3
16231 /	DEF AT drilling material	DEF AT 3
16650 /	DEF AT oxidized shale	DEF AT 4
16680 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
16800 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 9	<b>Date of Summary:</b> 19-MAY-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05965	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6700
<b>API Well Number:</b> 427134005200	<b>Drilling Operator:</b> FMP OPERATING COMPANY A LIMIT	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2000 - 6700	<b>Water Depth:</b> 237
<b>Public Info Code:</b> Y 28-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2270 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
3290 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
3680 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
4260 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
4560 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5745 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 11	Date of Summary:	First Sample Examined: 6730
Lease Number: G05966	Source of Paleo: OPERATOR	Borehole MD: 15337
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15097
API Well Number: 427134003900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4060 - 15340	Water Depth: 209
Public Info Code: Y 28-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6730 / 6730	DEF AT first sample examined	DEF AT 2
6970 / 6970	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7690 / 7690	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8110 / 8110	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10360 /10360	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10510 /10509	DEF AT - - - - -	DEF AT 4
10570 /10569	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
11470 /11468	DEF AT - - - - -	DEF AT 3
15010 /14799	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
15340 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 14	Date of Summary: 20-FEB-1984	First Sample Examined: 0
Lease Number: G05967	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9233
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7767
API Well Number: 427134003200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 267
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1840 / 1840	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
2590 / 2571	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
3280 / 3182	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
4030 / 3770	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
4390 / 4050	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
5000 / 4526	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
5660 / 5046	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
5810 / 5165	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
5960 / 5281	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
7460 / 6386	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 42	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10646
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10629
<b>API Well Number:</b> 427134000500	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 29-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4222 / 4222	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6549 / 6549	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8205 / 8204	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9180 / 9171	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10345 / 10330	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 09-APR-1979	First Sample Examined: 4060
Lease Number: G02995	Source of Paleo: OPERATOR	Borehole MD: 10646
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10629
API Well Number: 427134000500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 4060 - 10600	Water Depth: 224
Public Info Code: Y 29-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4060	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4210 / 4210	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4840 / 4840	DEF AT -----	DEF AT 4
4960 / 4960	DEF AT -----	DEF AT 5
5050 / 5050	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
5260 / 5260	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
5710 / 5710	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
5950 / 5950	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
6760 / 6760	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
7210 / 7210	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
7570 / 7570	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 5
8200 / 8199	POS IN Middle Miocene (Langhian) Cibicides 38	DEF AT 5
8290 / 8289	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
9160 / 9151	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
9880 / 9868	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 5
10530 / 10515	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
10600 / 10584	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary:	First Sample Examined: 0
Lease Number: G02995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7004
API Well Number: 427134000501	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 14-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5780 / 5744	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 23-APR-1979	First Sample Examined: 4160
Lease Number: G02995	Source of Paleo: OPERATOR	Borehole MD: 7100
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7004
API Well Number: 427134000501	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4160 - 7040	Water Depth: 224
Public Info Code: Y 14-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4160 / 4158	DEF AT cement	DEF AT 0
4220 / 4218	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4460 / 4456	DEF AT - - - - -	DEF AT 4
4490 / 4486	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
5150 / 5132	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
5450 / 5424	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
5720 / 5686	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
5780 / 5744	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
5930 / 5889	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
7040 / 6946	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 26-JUL-1979	First Sample Examined: 1030
Lease Number: G02995	Source of Paleo: OPERATOR	Borehole MD: 6600
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6600
API Well Number: 427134000700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1030 - 6590	Water Depth: 224
Public Info Code: Y 24-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 /	DEF IN Lower Pleistocene (Calabrian) Hyalina "B" = Trimosina "B"	DEF AT 4
1150 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
1360 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
1870 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
2530 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3270 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3570 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
3950 /	DEF AT -----	DEF AT 3
4640 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
4790 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
5210 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
5420 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
6170 /	DEF AT -----	DEF AT 4
6590 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> PN A 42 <b>Lease Number:</b> G02995 <b>Well Name:</b> 004 <b>API Well Number:</b> 427134000900 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 19-SEP-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7200 <b>Borehole TVD:</b> 7199 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 224 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5260 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
5800 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
5920 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6070 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 24-AUG-1979	First Sample Examined: 4000
Lease Number: G02995	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7199
API Well Number: 427134000900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 4000 - 7180	Water Depth: 224
Public Info Code: Y 19-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
4060 /	DEF AT - - - - -	DEF AT 3
5110 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
5260 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
5800 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
5920 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
6070 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
7180 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 21-MAY-1981	First Sample Examined: 3950
Lease Number: G02995	Source of Paleo: OPERATOR	Borehole MD: 7450
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6367
API Well Number: 427134001800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 3	Sample Range: 3950 - 6170	Water Depth: 221
Public Info Code: Y 26-APR-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3950 / 3571	DEF AT first sample examined	DEF AT 3
4280 / 3829	DEF AT local marker (general)	DEF AT 4
5150 / 4548	DEF AT local marker foram increase	DEF AT 4
5390 / 4749	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 5
5420 / 4775	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
5810 / 5106	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
6020 / 5279	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
6140 / 5374	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
6170 / 5397	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 21-MAY-1981	First Sample Examined: 4280
Lease Number: G02995	Source of Paleo: OPERATOR	Borehole MD: 7450
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6367
API Well Number: 427134001800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 3	Sample Range: 4280 - 7430	Water Depth: 221
Public Info Code: Y 26-APR-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
4280 / 3829	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
5300 / 4674	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
5450 / 4800	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
5720 / 5030	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
5960 / 5230	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
6140 / 5374	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
7430 / 6341	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 42	<b>Date of Summary:</b> 25-AUG-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7450
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6367
<b>API Well Number:</b> 427134001800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 221
<b>Public Info Code:</b> Y 26-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6419 / 5586	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6849 / 5906	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7942
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6470
API Well Number: 427134001900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 19-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3535	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5420 / 4704	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
5810 / 4988	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0
6020 / 5136	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6140 / 5219	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 11-JUN-1993	First Sample Examined: 0
Lease Number: G02995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7105
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6302
API Well Number: 427134002000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 07-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6284 / 5605	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6646 / 5912	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6984 / 6199	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G02995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6820
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6316
API Well Number: 427134002400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 27-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6057 / 5613	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6398 / 5920	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 42	<b>Date of Summary:</b> 10-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6435
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6337
<b>API Well Number:</b> 427134002200	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 221
<b>Public Info Code:</b> Y 05-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5718 / 5676	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6042 / 5991	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 42	Date of Summary: 13-JAN-1982	First Sample Examined: 0
Lease Number: G02995	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8538
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6890
API Well Number: 427134002700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 19-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 6195	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
7985 / 6512	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 42	<b>Date of Summary:</b> 13-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6674
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6325
<b>API Well Number:</b> 427134002100	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 221
<b>Public Info Code:</b> Y 21-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5896 / 5644	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6246 / 5953	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 42	<b>Date of Summary:</b> 13-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7070
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6431
<b>API Well Number:</b> 427134002800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 221
<b>Public Info Code:</b> Y 01-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6283 / 5715	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6638 / 6037	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 42	<b>Date of Summary:</b> 10-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02995	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6952
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6506
<b>API Well Number:</b> 427134002300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 221
<b>Public Info Code:</b> Y 19-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6210 / 5832	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
6520 / 6114	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 45	<b>Date of Summary:</b> 14-MAY-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07152	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12100
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12100
<b>API Well Number:</b> 427134008000	<b>Drilling Operator:</b> ENRON CORP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 225
<b>Public Info Code:</b> Y 11-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 / 5769	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8700 / 8698	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9930 / 9928	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10890 / 10888	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 45	Date of Summary: 23-MAY-1991	First Sample Examined: 3250
Lease Number: G07152	Source of Paleo: OPERATOR	Borehole MD: 12100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12100
API Well Number: 427134008000	Drilling Operator: ENRON CORP	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 3250 - 12100	Water Depth: 225
Public Info Code: Y 11-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 / 3250	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3520 / 3520	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4510 / 4510	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5230 / 5229	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
5410 / 5409	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
5770 / 5769	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6580 / 6579	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
7430 / 7429	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8700 / 8698	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9210 / 9208	DEF AT sample gap top	DEF AT 0
9510 / 9508	DEF AT sample gap bottom	DEF AT 0
9930 / 9928	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10260 / 10258	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10890 / 10888	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12100 / 12097	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PN A 58	Date of Summary: 11-JAN-1985	First Sample Examined: 0
Lease Number: G05974	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5962
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5514
API Well Number: 427134004000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 59
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 242
Public Info Code: Y 14-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4506	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PN A 58	<b>Date of Summary:</b> 15-JAN-1985	<b>First Sample Examined:</b> 1300
<b>Lease Number:</b> G05974	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5962
<b>Well Name:</b> A002	<b>Paleo Done By:</b> JACK COLLE	<b>Borehole TVD:</b> 5514
<b>API Well Number:</b> 427134004000	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 59
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1300 - 5958	<b>Water Depth:</b> 242
<b>Public Info Code:</b> Y 14-SEP-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	POS IN Pleistocene	DEF AT 0
1540 / 1540	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
2170 / 2165	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
3040 / 2979	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
3670 / 3526	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
4270 / 4046	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
5830 / 5401	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
5950 / 5506	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PS 1039	Date of Summary: 30-JUL-1990	First Sample Examined: 0
Lease Number: G07127	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 427004001100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4884 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PS 1063	Date of Summary: 12-JUL-1988	First Sample Examined: 0
Lease Number: G05942	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12788
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12066
API Well Number: 427004000700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 30-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3250 / 3250	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
4023 / 4023	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5103 / 5103	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6675 / 6675	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8530 / 8527	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11005 / 10626	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11780 / 11237	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> PS 1112	<b>Date of Summary:</b> 26-FEB-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05945	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6666
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6587
<b>API Well Number:</b> 427004000800	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 30-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 / 4210	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PS 1153	Date of Summary: 06-MAR-1990	First Sample Examined: 6428
Lease Number: G08068	Source of Paleo: OPERATOR	Borehole MD: 15095
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15080
API Well Number: 427004001000	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 6428 - 15095	Water Depth: 120
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6428 / 6428	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
6708 / 6708	DEF AT local marker foram increase	DEF AT 3
6895 / 6895	DEF AT local marker foram increase	DEF AT 3
7148 / 7148	DEF AT local marker foram increase	DEF AT 3
7335 / 7335	DEF AT local marker foram increase	DEF AT 3
7367 / 7367	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
7428 / 7428	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7458 / 7458	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
7614 / 7614	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7676 / 7676	DEF AT local marker foram increase	DEF AT 3
7769 / 7769	DEF AT local marker foram increase	DEF AT 3
7891 / 7891	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8229 / 8228	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8323 / 8322	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8757 / 8756	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8840 / 8839	DEF AT -----	DEF AT 2
8900 / 8899	DEF AT -----	DEF AT 3
9290 / 9289	DEF AT -----	DEF AT 2
9680 / 9679	DEF AT local marker foram increase	DEF AT 2
9890 / 9889	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
10100 / 10098	DEF AT local marker foram increase	DEF AT 2
11300 / 11297	DEF AT local marker foram increase	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PS 1153	Date of Summary: 06-MAR-1990	First Sample Examined: 6428
Lease Number: G08068	Source of Paleo: OPERATOR	Borehole MD: 15095
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15080
API Well Number: 427004001000	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 6428 - 15095	Water Depth: 120
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11690 /11686	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
11780 /11776	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12440 /12436	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12830 /12825	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
13290 /13284	DEF AT local marker foram increase	DEF AT 2
13590 /13581	DEF AT local marker foram increase	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: PS 1153	Date of Summary: 26-MAR-1990	First Sample Examined: 0
Lease Number: G08068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15095
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15080
API Well Number: 427004001000	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 / 3790	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
4161 / 4161	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
5188 / 5188	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
6428 / 6428	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6864 / 6864	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
7551 / 7551	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7645 / 7645	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7921 / 7921	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9110 / 9109	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10100 / 10098	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
11720 / 11716	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 0
12590 / 12586	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12860 / 12855	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 3	Date of Summary: 02-APR-1982	First Sample Examined: 0
Lease Number: G04144	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16800
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 16488
API Well Number: 177314001500	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 21-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8660 / 8455	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9620 / 9404	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
10150 / 9933	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0
10220 / 10003	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0
12110 / 11892	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 3	Date of Summary: 30-MAR-1982	First Sample Examined: 0
Lease Number: G04144	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13488
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 13250
API Well Number: 177314002000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 10-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8630 / 8450	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9560 / 9355	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
9830 / 9620	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0
9980 / 9767	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 3	Date of Summary: 20-JUL-1982	First Sample Examined: 0
Lease Number: G04379	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15870
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 15667
API Well Number: 177314004700	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 11-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 / 8787	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10080 / 9893	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
10380 / 10193	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0
14850 / 14656	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 10	Date of Summary: 25-JUN-1982	First Sample Examined: 0
Lease Number: G03958	Source of Paleo: OPERATOR	Borehole MD: 15740
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15740
API Well Number: 177314000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 24-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9147 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9963 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
15330 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
15690 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 10	Date of Summary: 29-OCT-1981	First Sample Examined: 10100
Lease Number: G03958	Source of Paleo: OPERATOR	Borehole MD: 15760
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15281
API Well Number: 177314003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 10100 - 15165	Water Depth: 39
Public Info Code: Y 12-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 /10073	DEF AT first sample examined	DEF AT 0
10200 /10169	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
15165 /14761	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 10	Date of Summary: 29-OCT-1981	First Sample Examined: 15047
Lease Number: G03958	Source of Paleo: OPERATOR	Borehole MD: 15760
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15281
API Well Number: 177314003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 15047 - 15715	Water Depth: 39
Public Info Code: Y 12-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15047 /14660	DEF AT first sample examined	DEF AT 0
15715 /15237	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 10	Date of Summary: 15-APR-1981	First Sample Examined: 15000
Lease Number: G03958	Source of Paleo: OPERATOR	Borehole MD: 15731
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 14934
API Well Number: 177314002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 15000 - 15678	Water Depth: 39
Public Info Code: Y 04-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15000 /14272	DEF AT first sample examined	DEF AT 0
15678 /14884	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 10	Date of Summary: 11-SEP-1981	First Sample Examined: 9948
Lease Number: G03958	Source of Paleo: OPERATOR	Borehole MD: 15392
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 15052
API Well Number: 177314002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 9948 - 15338	Water Depth: 39
Public Info Code: Y 25-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9948 / 9917	DEF AT first sample examined	DEF AT 0
10324 /10277	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
15338 /15003	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 10	Date of Summary: 03-MAY-1982	First Sample Examined: 12000
Lease Number: G04143	Source of Paleo: OPERATOR	Borehole MD: 15250
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14557
API Well Number: 177314004500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 12000 - 15250	Water Depth: 39
Public Info Code: Y 30-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /11657	DEF AT first sample examined	DEF AT 0
12001 /11658	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
15250 /14557	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G04191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12646
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11876
API Well Number: 177314001700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5278 / 5005	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
5688 / 5393	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6316 / 5982	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7238 / 6842	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7850 / 7415	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8091 / 7641	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9133 / 8594	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10610 / 9954	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11210 / 10519	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 30-JAN-1982	First Sample Examined: 3360
Lease Number: G04191	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14038
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12703
API Well Number: 177314001600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3360 - 14040	Water Depth: 35
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 / 3203	DEF AT first sample examined	DEF AT 2
3480 / 3310	DEF AT local marker benthic foram increase	DEF IN 2
5639 / 5220	DEF AT pyrite	DEF AT 3
5640 / 5221	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5760 / 5327	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6300 / 5805	DEF AT local marker benthic foram increase	DEF AT 3
6660 / 6126	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7740 / 7095	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7950 / 7284	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
8100 / 7419	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
8220 / 7527	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8640 / 7904	DEF AT local marker planktic foram increase	DEF IN 3
9030 / 8247	DEF AT local marker foram decrease	DEF AT 3
9210 / 8404	DEF AT local marker planktic foram increase	DEF IN 3
9270 / 8457	DEF AT local marker foram decrease	DEF AT 3
10020 / 9126	DEF AT pyrite	DEF AT 3
10470 / 9531	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10590 / 9640	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11010 /10020	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11250 /10241	DEF AT pyrite	DEF AT 3
11300 /10288	DEF AT local marker benthic foram increase	DEF AT 3
13110 /11897	DEF AT local marker planktic foram increase	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SA 11	<b>Date of Summary:</b> 30-JAN-1982	<b>First Sample Examined:</b> 3360
<b>Lease Number:</b> G04191	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 14038
<b>Well Name:</b> A001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 12703
<b>API Well Number:</b> 177314001600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3360 - 14040	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 26-JUL-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13590 /12317	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
13710 /12423	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
14010 /12688	POS AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 3
14040 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 17-JAN-1983	First Sample Examined: 0
Lease Number: G04191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14038
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12703
API Well Number: 177314001600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5380 / 4992	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
5820 / 5380	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6465 / 5952	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7380 / 6772	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7990 / 7320	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8220 / 7527	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9225 / 8418	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10854 / 9878	POS IN Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G04191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12434
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11346
API Well Number: 177314002800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 6963	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9950 / 9173	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10950 / 10049	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14789
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13638
API Well Number: 177314004600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13015 /12087	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 17-JAN-1983	First Sample Examined: 0
Lease Number: G04191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13527
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 12342
API Well Number: 177314003800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13300 /12186	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 11	Date of Summary: 14-FEB-1990	First Sample Examined: 6380
Lease Number: G04191	Source of Paleo: OPERATOR	Borehole MD: 14670
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 13394
API Well Number: 177314006600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3800 - 14670	Water Depth: 37
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 5806	DEF AT first sample examined	DEF AT 1
7430 / 6722	DEF AT faunal change (no faunal increase)	DEF AT 2
7730 / 6978	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8270 / 7444	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
8420 / 7575	DEF AT faunal change (no faunal increase)	DEF AT 1
9560 / 8594	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
10730 / 9666	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10820 / 9749	DEF AT faunal change (no faunal increase)	DEF AT 2
11150 / 10056	DEF AT faunal change (no faunal increase)	DEF AT 1
11660 / 10530	DEF AT faunal change (no faunal increase)	DEF AT 2
12120 / 10957	DEF AT faunal change (no faunal increase)	DEF AT 1
12580 / 11384	DEF AT faunal change (no faunal increase)	DEF AT 2
12800 / 11588	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
12880 / 11662	DEF AT faunal change (no faunal increase)	DEF AT 3
13010 / 11783	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
13450 / 12197	DEF AT faunal change (no faunal increase)	DEF AT 2
13910 / 12635	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
14270 / 12986	DEF AT faunal change (no faunal increase)	DEF AT 1
14510 / 13222	DEF AT faunal change (no faunal increase)	DEF AT 2
14670 / 13379	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 25-JAN-1982	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14915
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14915
API Well Number: 177314000600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 31-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5080 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5380 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
6190 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
6550 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7240 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8470 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11140 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12130 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 10-NOV-1982	First Sample Examined: 4100
Lease Number: G03959	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12000
API Well Number: 177314001800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4100 - 12000	Water Depth: 40
Public Info Code: Y 03-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4100 /	DEF AT first sample examined	DEF IN 1
4820 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5180 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6260 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7850 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8810 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9380 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10550 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11810 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12000 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 21-APR-1997	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10746
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10746
API Well Number: 177314000300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 18-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4690 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5320 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
5690 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6340 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7145 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7420 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7600 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9800 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10580 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 05-DEC-1980	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9982
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8977
API Well Number: 177314002100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 18-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5120 / 4705	DEF AT Eggerella sp. (local marker)	DEF AT 0
5121 / 4706	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
5860 / 5330	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
6250 / 5651	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7070 / 6352	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7975 / 7160	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8780 / 7878	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10430 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 14-MAY-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10770
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10350
API Well Number: 177314002300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 16-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4741	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5710 / 5370	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
6060 / 5682	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6790 / 6375	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7670 / 7245	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8360 / 7934	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10450 / 10024	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 23-SEP-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10420
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9596
API Well Number: 177314002500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 05-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5237 / 5230	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
5559 / 5540	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6366 / 6250	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7332 / 7039	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8087 / 7650	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8234 / 7770	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9851
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9501
API Well Number: 177314002600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 02-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5400 / 5325	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
5740 / 5642	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6370 / 6226	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7360 / 7134	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8100 / 7824	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8240 / 7956	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 06-OCT-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11178
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10377
API Well Number: 177314002700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 20-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4900	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5500 / 5500	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
5900 / 5896	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7550 / 7400	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8151 / 7900	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8460 / 8150	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10900 / 10146	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 05-OCT-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9220
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8195
API Well Number: 177314003000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4910 / 4512	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5825 / 5288	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
6150 / 5571	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7740 / 6933	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8355 / 7453	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8510 / 7585	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 24-SEP-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8772
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8248
API Well Number: 177314003001	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 04-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4910 / 4650	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5825 / 5499	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
6150 / 5800	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7740 / 7268	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8355 / 7850	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8510 / 7998	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9102
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8216
API Well Number: 177314003200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 10-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4960 / 4599	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
5670 / 5195	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
6205 / 5644	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6960 / 6295	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7872 / 7101	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
8641 / 7795	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8773 / 7915	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SA 13	Date of Summary: 28-SEP-1983	First Sample Examined: 0
Lease Number: G03959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14800
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 14800
API Well Number: 177314000500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 19-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4850 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6320 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7790 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8120 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8870 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10130 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11270 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SA 13	<b>Date of Summary:</b> 01-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03959	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11145
<b>Well Name:</b> C002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10421
<b>API Well Number:</b> 177314004800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 19-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5221 / 4963	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8183 / 7683	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11779 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SA 13	<b>Date of Summary:</b> 17-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03959	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10776
<b>Well Name:</b> C003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10490
<b>API Well Number:</b> 177314004300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 26-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5221 / 5203	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8183 / 7991	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11779 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 5	Date of Summary: 16-NOV-1984	First Sample Examined: 0
Lease Number: G05454	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11838
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11838
API Well Number: 177074046700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 6570	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8280 / 8280	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8850 / 8850	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
10170 /10169	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11220 /11219	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 7	Date of Summary:	First Sample Examined: 11430
Lease Number: G01178	Source of Paleo: OPERATOR	Borehole MD: 14360
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14360
API Well Number: 177070011600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11430 /	DEF AT first sample examined	DEF AT 2
12450 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
13290 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
14270 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14360 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 7	Date of Summary:	First Sample Examined: 12070
Lease Number: G01178	Source of Paleo: OPERATOR	Borehole MD: 15202
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15202
API Well Number: 177070023200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12070 /	DEF AT first sample examined	DEF AT 2
13420 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
14230 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
15020 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
15202 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 7	Date of Summary: 10-JAN-1990	First Sample Examined: 0
Lease Number: G01178	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17500
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 17363
API Well Number: 177074054000	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14420 /14339	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
16790 /16691	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 7	Date of Summary: 29-MAR-1990	First Sample Examined: 0
Lease Number: G01178	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17500
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 17363
API Well Number: 177074054000	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9470 / 9408	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11210 / 11141	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12110 / 12037	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12410 / 12336	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 7	Date of Summary: 16-JAN-1990	First Sample Examined: 0
Lease Number: G01178	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14600
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 14600
API Well Number: 177074057000	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11210 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11690 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12950 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 9	Date of Summary:	First Sample Examined: 0
Lease Number: G01180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16726
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 16208
API Well Number: 177074003700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 12-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4950	POS AT Pliocene	DEF AT 0
14900 / 14522	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 9	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G01180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16714
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 16210
API Well Number: 177074041600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 12-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	POS AT Pliocene	DEF AT 0
15000 / 14503	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 9	<b>Date of Summary:</b> 19-AUG-1977	<b>First Sample Examined:</b> 360
<b>Lease Number:</b> G02315	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 17241
<b>Well Name:</b> 001	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 17241
<b>API Well Number:</b> 177070027200	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 124
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 360 - 17240	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 08-MAR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 /	DEF AT first sample examined	POS AT 2
870 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4100 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4520 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
8450 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10700 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
11180 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
11480 /	POS AT local marker planktic foram increase	DEF AT 3
12410 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12890 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
15018 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15019 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15020 /	POS IN Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
15200 /	POS IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
17030 /	POS IN Upper Miocene (Tortonian) Robulus 15	DEF AT 4
17120 /	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
17240 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 10	Date of Summary: 28-FEB-1969	First Sample Examined: 9000
Lease Number: G01178	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 12286
API Well Number: 177070052600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8755	DEF AT first sample examined	DEF AT 0
12810 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 10	Date of Summary: 01-OCT-1979	First Sample Examined: 11200
Lease Number: G01178	Source of Paleo: OPERATOR	Borehole MD: 12172
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 11599
API Well Number: 177074033000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11200 /10643	DEF AT first sample examined	DEF AT 0
12172 /11608	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 10	Date of Summary: 15-OCT-1979	First Sample Examined: 11680
Lease Number: G01178	Source of Paleo: OPERATOR	Borehole MD: 12700
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 11960
API Well Number: 177074033001	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11680 /11096	DEF AT first sample examined	DEF AT 0
12730 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 10	<b>Date of Summary:</b> 15-JAN-1979	<b>First Sample Examined:</b> 11480
<b>Lease Number:</b> G01181	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12857
<b>Well Name:</b> A013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11716
<b>API Well Number:</b> 177072000401	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 11480 - 12870	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 19-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11480 /10429	DEF AT first sample examined	DEF AT 0
11481 /10430	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12820 /11704	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 10	Date of Summary: 03-APR-1979	First Sample Examined: 12030
Lease Number: G01181	Source of Paleo: OPERATOR	Borehole MD: 9932
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 9046
API Well Number: 177070051001	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 12030 - 12330	Water Depth: 65
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12030 /	DEF AT first sample examined	DEF AT 0
12330 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 11	<b>Date of Summary:</b> 22-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01182	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11481
<b>Well Name:</b> L043	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11323
<b>API Well Number:</b> 177074035400	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 72
<b>Public Info Code:</b> Y 22-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11375 /11220	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 16	Date of Summary: 21-DEC-1979	First Sample Examined: 10000
Lease Number: G01184	Source of Paleo: OPERATOR	Borehole MD: 12200
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 12200
API Well Number: 177074033500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 10000 - 11970	Water Depth: 84
Public Info Code: Y 05-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /10000	DEF AT first sample examined	DEF AT 0
11970 /11969	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 27	Date of Summary: 04-DEC-1978	First Sample Examined: 7500
Lease Number: G01187	Source of Paleo: OPERATOR	Borehole MD: 13601
Well Name: JA001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12700
API Well Number: 177074029200	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7500 - 13170	Water Depth: 87
Public Info Code: Y 11-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Samples from 13200 to TD were lost

MD / TVD	Paleo Top Description	Ecozone
7500 / 7484	DEF AT first sample examined	DEF AT 2
8220 / 8159	DEF AT -----	DEF AT 3
8400 / 8322	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8550 / 8455	DEF AT -----	DEF AT 2
9000 / 8843	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10380 /10007	DEF AT Cyclammina sp. (local marker)	DEF AT 3
10680 /10259	DEF AT local marker foram increase	DEF AT 4
10830 /10383	DEF AT -----	DEF AT 3
11910 /11270	DEF AT local marker foram increase	DEF AT 4
13170 /12382	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14428
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 14183
API Well Number: 177074035900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 24-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9703 / 9482	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11303 / 11068	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12483 / 12246	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13803 / 13561	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 33	<b>Date of Summary:</b> 17-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00780	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14646
<b>Well Name:</b> D002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13959
<b>API Well Number:</b> 177074038100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11957 /11351	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12800 /12155	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
13600 /12941	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14780
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 14400
API Well Number: 177074036300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 08-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 / 9942	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12550 / 12100	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13245 / 12795	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
14365 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 33	<b>Date of Summary:</b> 17-JUN-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00780	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14780
<b>Well Name:</b> D003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14400
<b>API Well Number:</b> 177074036300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 08-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 / 9942	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12550 /12100	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13245 /12795	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
14365 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 16-AUG-1997	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15720
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 14963
API Well Number: 177074038200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 18-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11490 /11214	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11703 /11407	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12825 /12442	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
14508 /13919	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 12-MAR-1998	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13849
Well Name: D005	Paleo Done By: OPERATOR	Borehole TVD: 13216
API Well Number: 177074040500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 02-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9833 / 9783	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12024 / 11671	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13151 / 12629	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
14465 /	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14869 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16376
Well Name: D006	Paleo Done By: OPERATOR	Borehole TVD: 15421
API Well Number: 177074038700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 13-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10229 / 9572	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
13183 / 12319	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14025 / 13113	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14761 / 13821	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10785
Well Name: D007	Paleo Done By: OPERATOR	Borehole TVD: 10362
API Well Number: 177074041000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 10-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9835 / 9640	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12512 / 12155	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13542 / 13127	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14220 / 13757	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
16724 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 33	<b>Date of Summary:</b> 14-SEP-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00780	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14887
<b>Well Name:</b> D007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14364
<b>API Well Number:</b> 177074041001	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 43
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 89
<b>Public Info Code:</b> Y 12-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9803 / 9610	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11883 / 11562	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13087 / 12695	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
15440 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: 00780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10626
Well Name: D008	Paleo Done By: OPERATOR	Borehole TVD: 10194
API Well Number: 177074042200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 14-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10232 / 9822	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12680 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13533 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 33	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 4200
<b>Lease Number:</b> G05456	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13855
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13771
<b>API Well Number:</b> 177070049300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 3000 - 10810	<b>Water Depth:</b> 92
<b>Public Info Code:</b> Y 19-FEB-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4199	DEF AT first sample examined	DEF AT 1
4410 / 4407	DEF AT -----	DEF AT 2
5010 / 4995	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8290 / 8263	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9130 / 9101	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10060 /10029	DEF AT -----	DEF AT 2
10780 /10747	DEF AT -----	DEF AT 3
10810 /10777	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 33	Date of Summary:	First Sample Examined: 8980
Lease Number: G05456	Source of Paleo: OPERATOR	Borehole MD: 13855
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13771
API Well Number: 177070049300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 3 of 3	Sample Range: 4180 - 13855	Water Depth: 92
Public Info Code: Y 19-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8951	DEF AT first sample examined	DEF AT 2
9160 / 9131	DEF AT -----	DEF AT 3
9490 / 9461	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9970 / 9939	DEF AT -----	DEF AT 2
10810 /10777	DEF AT -----	DEF AT 3
11830 /11789	DEF AT -----	DEF AT 4
11950 /11908	DEF AT -----	DEF AT 2
12850 /12798	DEF AT -----	DEF AT 4
13700 /13642	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13820 /13761	DEF AT -----	DEF AT 4
13855 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 34	Date of Summary: 08-JAN-1991	First Sample Examined: 0
Lease Number: G10696	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13480
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13298
API Well Number: 177074060800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	POS IN Pleistocene	DEF AT 0
4890 / 4890	POS AT Pliocene	DEF AT 0
13480 / 13295	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 35	Date of Summary: 15-AUG-1989	First Sample Examined: 0
Lease Number: G07698	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12442
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12442
API Well Number: 177074058300	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12066 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 38	Date of Summary: 12-MAY-1988	First Sample Examined: 9800
Lease Number: G05456	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12298
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11609
API Well Number: 177074055100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 19-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9606	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12300 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 38	Date of Summary: 03-JAN-1991	First Sample Examined: 0
Lease Number: G05456	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8550
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8533
API Well Number: 177074060400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6011 - 8890	Water Depth: 100
Public Info Code: Y 19-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6908 / 6895	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
7956 / 7941	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8454 / 8438	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
8890 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8891 /	DEF AT gouge	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 41	Date of Summary: 28-AUG-1985	First Sample Examined: 0
Lease Number: G01192	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11391
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 10808
API Well Number: 177074041400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 22-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10650 /10198	POS IN Lower Pliocene Zancian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 46	Date of Summary: 04-OCT-1991	First Sample Examined: 0
Lease Number: G11910	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16997
API Well Number: 177074062200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8180 / 8179	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9600 / 9599	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10170 /10169	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11220 /11219	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11880 /11879	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12600 /12599	DEF AT Cyclammina cancellata (local marker)	DEF AT 0
13500 /13499	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 0
14160 /14158	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
15180 /15178	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
15510 /15508	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
16290 /16288	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 49 <b>Lease Number:</b> 00787 <b>Well Name:</b> F002 <b>API Well Number:</b> 177074025900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-FEB-1988	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 13249 <b>Borehole TVD:</b> 12696 <b>Rkb Elevation:</b> 85 <b>Water Depth:</b> 98 <b>Paleo ID:</b> 001
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Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6583	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9600 / 9075	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11888 / 11340	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 50	Date of Summary:	First Sample Examined: 0
Lease Number: 00788	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12459
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12079
API Well Number: 177074015400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 17-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7383	POS AT Upper Pliocene	DEF AT 0
10095 / 9828	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 50	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00788	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17000
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16985
<b>API Well Number:</b> 177074002800	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 104
<b>Public Info Code:</b> Y 17-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9047 / 9042	POS AT Pliocene	DEF AT 0
9753 / 9747	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0
14976 / 14962	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 50	Date of Summary:	First Sample Examined: 10430
Lease Number: 00788	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15800
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177074010100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 7500 - 15800	Water Depth: 105
Public Info Code: Y 17-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11180 /11000	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
14500 /14222	POS AT Lower Pliocene Zanclean Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 50	Date of Summary:	First Sample Examined: 0
Lease Number: 00788	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16860
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 16547
API Well Number: 177074011000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 17-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 8858	POS AT Upper Pliocene	DEF AT 0
10380 / 10246	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0
15090 / 14827	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 50	Date of Summary:	First Sample Examined: 0
Lease Number: 00788	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15855
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 15646
API Well Number: 177074010900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 17-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9780 / 9699	POS AT Pliocene	DEF AT 0
10110 / 10020	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0
14720 / 14517	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 50	Date of Summary:	First Sample Examined: 0
Lease Number: 00788	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13935
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 13382
API Well Number: 177074029800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 17-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 7910	POS AT Upper Pliocene	DEF AT 0
9940 / 9577	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
13860 / 13308	POS AT Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 51	Date of Summary: 03-MAY-1979	First Sample Examined: 11590
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 13660
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 12568
API Well Number: 177074031100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 09-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11650 /10561	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13640 /12548	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 51	Date of Summary: 15-FEB-1979	First Sample Examined: 10145
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 11218
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 11097
API Well Number: 177074030700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 21-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10145 /10033	DEF AT first sample examined	DEF AT 0
11220 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 51	Date of Summary: 18-JUN-1979	First Sample Examined: 11815
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 14337
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 13447
API Well Number: 177074032400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 11815 - 13250	Water Depth: 100
Public Info Code: Y 01-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11815 /11236	DEF AT first sample examined	DEF AT 0
11816 /11237	DEF IN Upper (Late) Miocene	DEF AT 0
13250 /12508	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 51	<b>Date of Summary:</b> 16-AUG-1979	<b>First Sample Examined:</b> 12167
<b>Lease Number:</b> 00789	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14337
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13447
<b>API Well Number:</b> 177074032400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12167 - 14350	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 01-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12167 /11558	DEF AT first sample examined	DEF AT 0
12168 /11559	DEF IN Upper (Late) Miocene	DEF AT 0
14350 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 51	<b>Date of Summary:</b> 15-OCT-1979	<b>First Sample Examined:</b> 10850
<b>Lease Number:</b> 00789	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11800
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11148
<b>API Well Number:</b> 177074032900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10850 - 11810	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 03-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 /10252	DEF AT first sample examined	DEF AT 0
11060 /10451	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11810 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 57	Date of Summary: 01-SEP-1978	First Sample Examined: 8020
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 9607
Well Name: C026	Paleo Done By: OPERATOR	Borehole TVD: 8515
API Well Number: 177070046202	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 04-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 7237	DEF AT first sample examined	DEF AT 0
9510 / 8453	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 57	Date of Summary: 07-JUL-1978	First Sample Examined: 13990
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 15682
Well Name: C029	Paleo Done By: OPERATOR	Borehole TVD: 14526
API Well Number: 177070048602	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 29-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15150 /14032	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
15258 /14130	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 57	Date of Summary: 07-JUL-1978	First Sample Examined: 15080
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 15682
Well Name: C029	Paleo Done By: OPERATOR	Borehole TVD: 14526
API Well Number: 177070048602	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 29-JUL-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15350 /14214	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
15680 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 57	Date of Summary: 16-FEB-1984	First Sample Examined: 10490
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 12165
Well Name: C030	Paleo Done By: OPERATOR	Borehole TVD: 11969
API Well Number: 177070050903	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 31-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 /10298	DEF AT first sample examined	DEF AT 0
12175 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 61	<b>Date of Summary:</b> 14-FEB-1979	<b>First Sample Examined:</b> 9770
<b>Lease Number:</b> G01196	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 15125
<b>Well Name:</b> 005	<b>Paleo Done By:</b> JIM COOKE	<b>Borehole TVD:</b> 15125
<b>API Well Number:</b> 177074029400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9770 - 15130	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 10-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9770 /	DEF AT first sample examined	DEF IN 3
9771 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
11050 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11560 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
15130 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 61	Date of Summary: 27-JUL-1984	First Sample Examined: 0
Lease Number: G01196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15125
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 15125
API Well Number: 177074029400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 10-NOV-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6460 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
7508 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11500 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
12686 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 61	Date of Summary: 11-DEC-1995	First Sample Examined: 0
Lease Number: G01196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13895
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 12587
API Well Number: 177074033200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 28-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7473	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9975 / 9549	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11950 / 11029	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
12450 / 11408	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 61	Date of Summary: 05-NOV-1980	First Sample Examined: 0
Lease Number: G01196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14746
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 13395
API Well Number: 177074033300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 11-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7097	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9470 / 8710	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12400 / 11312	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 61	Date of Summary: 30-JAN-1981	First Sample Examined: 0
Lease Number: G01196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13228
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 11830
API Well Number: 177074033700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 21-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4499	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7340 / 7339	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9770 / 9605	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12040 / 11105	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 65	<b>Date of Summary:</b> 06-JAN-1985	<b>First Sample Examined:</b> 4624
<b>Lease Number:</b> G07702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17041
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17026
<b>API Well Number:</b> 177074051000	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4624 - 13030	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 31-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4624 /	DEF AT first sample examined	DEF IN 2
5145 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8360 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10330 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10540 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11440 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13030 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 65	<b>Date of Summary:</b> 06-JAN-1985	<b>First Sample Examined:</b> 12980
<b>Lease Number:</b> G07702	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17041
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17026
<b>API Well Number:</b> 177074051000	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12980 - 17030	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 31-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12980 /	DEF AT first sample examined	DEF AT 4
15260 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
15590 /	DEF AT faunal change (no faunal increase)	DEF AT 5
16160 /	POS AT Upper (Late) Miocene	DEF AT 5
16161 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
17030 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 31-MAR-1982	First Sample Examined: 3500
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 14919
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14919
API Well Number: 177074037900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 3500 - 12980	Water Depth: 126
Public Info Code: Y 02-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF IN 2
4910 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5030 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9170 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9920 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10910 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12650 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 31-MAR-1982	First Sample Examined: 11000
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 14919
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14919
API Well Number: 177074037900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 10000 - 14900	Water Depth: 126
Public Info Code: Y 02-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /	DEF AT first sample examined	DEF IN 4
11480 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11930 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14900 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 66	<b>Date of Summary:</b> 31-JUL-1978	<b>First Sample Examined:</b> 4329
<b>Lease Number:</b> G01198	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15875
<b>Well Name:</b> D002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13049
<b>API Well Number:</b> 177074027400	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4329 - 15860	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 07-AUG-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4329 / 3517	DEF AT first sample examined	DEF IN 2
8960 / 6495	DEF AT sample gap top	DEF AT 0
9770 / 7111	DEF AT sample gap bottom	DEF AT 0
10700 / 7913	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
11000 / 8193	POS AT -----	POS AT 3
12560 / 9730	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
13310 /10480	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13700 /10870	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
15530 /12697	DEF AT -----	DEF AT 5
15860 /13027	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 26-MAR-1979	First Sample Examined: 3980
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 12930
Well Name: D003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11586
API Well Number: 177074029000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3980 - 12930	Water Depth: 129
Public Info Code: Y 07-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3666	DEF AT first sample examined	DEF IN 2
7040 / 5851	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8030 / 6711	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8660 / 7323	DEF AT -----	DEF AT 3
9620 / 8278	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11120 / 9777	DEF AT -----	DEF AT 4
12930 / 11587	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 66	<b>Date of Summary:</b> 15-FEB-1980	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G01198	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13095
<b>Well Name:</b> D004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12397
<b>API Well Number:</b> 177074032000	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8000 - 12530	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 30-JAN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7599	DEF AT first sample examined	DEF AT 3
8001 / 7600	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10430 / 9905	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11240 /10673	DEF AT - - - - -	DEF AT 4
11300 /10729	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12530 /11884	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 15-FEB-1980	First Sample Examined: 12350
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 13095
Well Name: D004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12397
API Well Number: 177074032000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 12350 - 13098	Water Depth: 129
Public Info Code: Y 30-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12350 /11715	DEF AT first sample examined	DEF AT 4
13098 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 27-AUG-1979	First Sample Examined: 6000
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 13397
Well Name: D005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12451
API Well Number: 177074032600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13380	Water Depth: 129
Public Info Code: Y 02-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5288	DEF AT first sample examined	DEF IN 3
6150 / 5410	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7620 / 6707	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10710 / 9765	DEF AT -----	DEF AT 4
11970 / 11024	DEF AT sample gap top	DEF AT 0
12330 / 11384	DEF AT sample gap bottom	DEF AT 0
13380 / 12434	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 07-MAY-1979	First Sample Examined: 6990
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 14013
Well Name: D006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11894
API Well Number: 177074031200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6990 - 14010	Water Depth: 128
Public Info Code: Y 17-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6990 / 5521	POS AT first sample examined	DEF AT 2
6991 / 5522	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
7980 / 6226	DEF AT sample gap top	POS AT 2
8040 / 6269	DEF AT sample gap bottom	POS AT 2
8340 / 6487	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10080 / 7980	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11140 / 9023	DEF AT - - - - -	DEF AT 4
12370 / 10252	DEF AT sample gap top	POS AT 4
12790 / 10672	DEF AT sample gap bottom	POS AT 4
12910 / 10792	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14010 / 11892	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 66	<b>Date of Summary:</b> 15-JUL-1980	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G01198	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12776
<b>Well Name:</b> D007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11492
<b>API Well Number:</b> 177074027401	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7000 - 12520	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 07-AUG-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 5724	DEF AT first sample examined	DEF IN 2
7030 / 5754	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8380 / 7103	DEF AT - - - - -	DEF AT 3
9400 / 8123	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11010 / 9731	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
12180 / 10897	DEF AT - - - - -	DEF AT 4
12520 / 11235	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 66	Date of Summary: 15-JUL-1980	First Sample Examined: 12480
Lease Number: G01198	Source of Paleo: OPERATOR	Borehole MD: 12776
Well Name: D007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11492
API Well Number: 177074027401	Drilling Operator: AMINOIL INC.	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 12480 - 12720	Water Depth: 129
Public Info Code: Y 07-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12480 /11195	DEF AT first sample examined	DEF AT 4
12720 /11434	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 67	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G04806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7235
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7235
API Well Number: 177074039000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 04-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3695 /	DEF AT Lower Pleistocene (Calabrian) Hyalina "B" = Trimosina "B"	DEF AT 0
5250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6949 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 67	Date of Summary: 29-NOV-1990	First Sample Examined: 5000
Lease Number: G04806	Source of Paleo: OPERATOR	Borehole MD: 10667
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10666
API Well Number: 177074060700	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10666	Water Depth: 139
Public Info Code: Y 04-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF IN 3
5480 / 5480	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6470 / 6470	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7160 / 7160	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10160 /10159	DEF AT faunal change (no faunal increase)	POS AT 4
10190 /10189	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	POS AT 4
10430 /10429	DEF AT faunal change (no faunal increase)	DEF AT 4
10666 /10665	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 71	<b>Date of Summary:</b> 17-JUN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05464	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5592
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5355
<b>API Well Number:</b> 177084068900	<b>Drilling Operator:</b> TAYLOR ENERGY COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 134
<b>Public Info Code:</b> Y 05-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3831 / 3830	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5374 / 5188	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5467 / 5259	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 71	Date of Summary: 20-JUN-1988	First Sample Examined: 0
Lease Number: G05464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6187
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6183
API Well Number: 177084068901	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 05-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5070 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5475 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 76	<b>Date of Summary:</b> 16-JUL-1980	<b>First Sample Examined:</b> 6600
<b>Lease Number:</b> G01208	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15345
<b>Well Name:</b> B009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14098
<b>API Well Number:</b> 177084042500	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6600 - 15030	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 25-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6378	DEF AT first sample examined	DEF IN 2
6750 / 6511	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7650 / 7316	DEF AT faunal change (no faunal increase)	DEF AT 3
9960 / 9412	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11340 / 10635	DEF AT faunal change (no faunal increase)	DEF AT 4
11640 / 10889	DEF AT local marker (general)	DEF AT 4
13200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
15000 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
15030 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 76	Date of Summary: 16-JUL-1980	First Sample Examined: 14600
Lease Number: G01208	Source of Paleo: OPERATOR	Borehole MD: 15345
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14098
API Well Number: 177084042500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 14600 - 15320	Water Depth: 140
Public Info Code: Y 25-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14600 /	DEF AT first sample examined	DEF AT 4
14900 /	DEF AT sample gap top	DEF AT 4
14960 /	DEF AT sample gap bottom	DEF AT 4
15320 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 76	<b>Date of Summary:</b> 31-DEC-1980	<b>First Sample Examined:</b> 8210
<b>Lease Number:</b> G01208	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13448
<b>Well Name:</b> B010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13355
<b>API Well Number:</b> 177084048800	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8210 - 11690	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 04-JAN-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8210 / 8208	DEF IN first sample examined	DEF AT 3
8211 / 8209	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9410 / 9408	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9740 / 9738	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11540 / 11504	DEF AT local marker (general)	DEF AT 4
11690 / 11649	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 76	<b>Date of Summary:</b> 10-APR-1980	<b>First Sample Examined:</b> 9000
<b>Lease Number:</b> G01208	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14316
<b>Well Name:</b> B011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13317
<b>API Well Number:</b> 177084039601	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9000 - 12240	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 26-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF IN 3
9001 / 9000	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
9750 / 9746	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11970 /11724	DEF AT local marker (general)	DEF AT 4
12240 /11916	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 76	<b>Date of Summary:</b> 10-APR-1980	<b>First Sample Examined:</b> 11400
<b>Lease Number:</b> G01208	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14316
<b>Well Name:</b> B011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13317
<b>API Well Number:</b> 177084039601	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 11400 - 14310	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 26-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 /11268	DEF AT first sample examined	DEF AT 4
11940 /11701	DEF AT local marker (general)	DEF AT 4
14310 /13327	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 76	<b>Date of Summary:</b> 01-APR-1981	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G01208	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14960
<b>Well Name:</b> B013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11698
<b>API Well Number:</b> 177084048700	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3500 - 14000	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 28-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3323	DEF AT first sample examined	DEF IN 2
5990 / 5335	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
7610 / 6653	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8210 / 7139	DEF AT faunal change (no faunal increase)	DEF AT 3
11330 / 9337	DEF AT faunal change (no faunal increase)	DEF AT 4
11480 / 9443	DEF AT local marker (general)	DEF AT 4
14000 / 11134	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 76	Date of Summary: 18-MAY-1981	First Sample Examined: 13500
Lease Number: G01208	Source of Paleo: OPERATOR	Borehole MD: 14960
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11698
API Well Number: 177084048700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 13500 - 14960	Water Depth: 140
Public Info Code: Y 28-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
13500 /10830	DEF AT first sample examined	DEF IN 3
14250 /11283	DEF AT sample gap top	DEF AT 0
14300 /11313	DEF AT sample gap bottom	DEF AT 0
14390 /11366	DEF AT local marker (general)	DEF AT 3
14600 /11492	DEF AT -----	DEF AT 4
14750 /11584	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14960 /11713	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 76	Date of Summary: 17-JUL-1981	First Sample Examined: 3500
Lease Number: G04262	Source of Paleo: OPERATOR	Borehole MD: 10426
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6988
API Well Number: 177084050000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3500 - 10400	Water Depth: 140
Public Info Code: Y 02-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 2918	DEF AT first sample examined	DEF IN 3
3860 / 3127	DEF AT faunal change (no faunal increase)	DEF AT 2
5510 / 4008	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
8060 / 5519	DEF AT faunal change (no faunal increase)	DEF AT 3
8360 / 5705	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10400 / 6972	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 80	Date of Summary: 22-DEC-1993	First Sample Examined: 0
Lease Number: G09537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11425
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10409
API Well Number: 177084073200	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4280 / 4280	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5630 / 5620	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10100 / 9323	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 80	Date of Summary: 12-JUN-1991	First Sample Examined: 0
Lease Number: G09537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14117
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12757
API Well Number: 177084075600	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5610 / 5610	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7266 / 7193	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11520 / 10635	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 84	Date of Summary: 22-NOV-1985	First Sample Examined: 5650
Lease Number: G07706	Source of Paleo: OPERATOR	Borehole MD: 11251
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11250
API Well Number: 177084064300	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 5650 - 11250	Water Depth: 144
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 /	DEF AT first sample examined	DEF IN 3
6160 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7160 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7997 /	DEF AT sample gap top	DEF AT 0
8475 /	DEF AT sample gap bottom	DEF AT 0
9510 /	DEF AT - - - - -	DEF AT 4
10830 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11250 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 84	Date of Summary: 23-DEC-1985	First Sample Examined: 0
Lease Number: G07706	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11251
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11250
API Well Number: 177084064300	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6160 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9510 /	DEF AT -----	DEF AT 4
10830 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 98	Date of Summary: 20-MAR-1981	First Sample Examined: 3008
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 8635
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7432
API Well Number: 177084044000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 3008 - 4470	Water Depth: 180
Public Info Code: Y 12-APR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3008 / 3008	DEF AT first sample examined	DEF AT 2
4470 / 4421	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 98	Date of Summary: 20-MAR-1981	First Sample Examined: 3930
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 8635
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7432
API Well Number: 177084044000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 3930 - 8580	Water Depth: 180
Public Info Code: Y 12-APR-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
3930 / 3916	DEF AT first sample examined	DEF AT 2
5160 / 5009	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5520 / 5279	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6180 / 5735	DEF AT faunal change (no faunal increase)	DEF AT 2
7050 / 6339	DEF AT faunal change (no faunal increase)	DEF AT 3
7080 / 6357	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8400 / 7266	DEF AT faunal change (no faunal increase)	DEF AT 4
8490 / 7333	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8580 / 7400	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 99	Date of Summary:	First Sample Examined: 530
Lease Number: G04109	Source of Paleo: OPERATOR	Borehole MD: 11464
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11464
API Well Number: 177084044400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 530 - 11464	Water Depth: 168
Public Info Code: Y 13-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
530 / 530	DEF AT first sample examined	DEF AT 2
1280 / 1280	DEF AT -----	DEF AT 3
1580 / 1580	DEF AT -----	DEF AT 2
1700 / 1700	DEF AT -----	DEF AT 1
2180 / 2180	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3530 / 3530	DEF AT -----	DEF AT 2
4160 / 4160	DEF AT -----	DEF AT 3
4700 / 4700	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4760 / 4760	DEF AT -----	DEF AT 2
5900 / 5900	DEF AT -----	DEF AT 3
6290 / 6290	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6440 / 6440	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6650 / 6650	DEF AT -----	DEF AT 2
7370 / 7369	DEF AT -----	DEF AT 3
7430 / 7429	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
8330 / 8329	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8390 / 8389	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9500 / 9498	DEF AT -----	DEF AT 5
9950 / 9948	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 99	Date of Summary: 07-NOV-1980	First Sample Examined: 0
Lease Number: G04109	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11464
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11464
API Well Number: 177084044400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 13-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6219 / 6219	DEF AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 102	Date of Summary: 12-DEC-1989	First Sample Examined: 0
Lease Number: G07711	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9396
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9069
API Well Number: 177084072200	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4340 / 4340	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6333 / 6305	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7300 / 7192	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 106	Date of Summary: 16-AUG-1979	First Sample Examined: 7150
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 9011
API Well Number: 177084030800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9210	Water Depth: 193
Public Info Code: Y 09-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 / 6810	DEF AT first sample examined	DEF AT 0
9210 / 8784	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 106	Date of Summary: 16-AUG-1978	First Sample Examined: 8000
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 11350
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 8331
API Well Number: 177084032500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6350 - 11296	Water Depth: 193
Public Info Code: Y 04-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 / 6900	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 106	Date of Summary: 01-SEP-1978	First Sample Examined: 7840
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 11762
Well Name: A019	Paleo Done By: OPERATOR	Borehole TVD: 6189
API Well Number: 177084032501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7780 - 11070	Water Depth: 193
Public Info Code: Y 18-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9130 / 6899	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 19-AUG-1980	First Sample Examined: 3050
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 9567
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9567
API Well Number: 177084043500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 3050 - 9530	Water Depth: 180
Public Info Code: Y 20-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 / 3050	DEF AT first sample examined	DEF AT 2
4160 / 4160	DEF AT faunal change (no faunal increase)	DEF AT 3
4370 / 4370	DEF AT faunal change (no faunal increase)	DEF AT 2
5420 / 5420	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5750 / 5750	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
6940 / 6940	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8120 / 8120	DEF AT faunal change (no faunal increase)	DEF AT 4
8210 / 8210	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
8480 / 8480	DEF AT faunal change (no faunal increase)	DEF AT 4
9260 / 9260	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9320 / 9320	DEF AT faunal change (no faunal increase)	DEF AT 3
9530 / 9530	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 17-SEP-1980	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9567
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9567
API Well Number: 177084043500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 20-AUG-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8210 / 8210	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 04-MAR-1981	First Sample Examined: 6350
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 10424
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10000
API Well Number: 177084043501	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 6350 - 10400	Water Depth: 190
Public Info Code: Y 06-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 6350	POS AT first sample examined	DEF AT 3
6980 / 6952	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8090 / 7924	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8210 / 8030	DEF AT poor sample interval top	POS AT 3
10249 / 9844	DEF AT poor sample interval bottom	POS AT 3
10250 / 9845	DEF AT - - - - -	DEF AT 3
10400 / 9982	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10424
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177084043501	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 06-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6952	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8090 / 7924	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 19-MAY-1981	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9806
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8726
API Well Number: 177084035800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 09-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 4306	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0
5630 / 5158	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7200 / 6488	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8780 / 7883	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary:	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9800
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8980
API Well Number: 177084036100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 28-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 5371	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8160 / 7341	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 107	<b>Date of Summary:</b> 19-FEB-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02130	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9335
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8772
<b>API Well Number:</b> 177084038800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 187
<b>Public Info Code:</b> Y 28-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5780 / 5289	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6620 / 6074	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8150 / 7588	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
8780 / 8218	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SM 107 <b>Lease Number:</b> G02130 <b>Well Name:</b> A006 <b>API Well Number:</b> 177084040200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 09-JUL-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10067 <b>Borehole TVD:</b> 8924 <b>Rkb Elevation:</b> 96 <b>Water Depth:</b> 190 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5329	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7780 / 6901	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8680 / 7697	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary:	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7850
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6514
API Well Number: 177084039400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 19-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6410 / 5343	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 16-APR-1979	First Sample Examined: 2900
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 7850
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6514
API Well Number: 177084039400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 2900 - 7820	Water Depth: 190
Public Info Code: Y 19-APR-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2694	DEF AT first sample examined	DEF AT 2
6410 / 5343	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6890 / 5726	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7820 / 6489	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 21-AUG-1979	First Sample Examined: 3030
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 8596
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8556
API Well Number: 177084040700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3030 - 8550	Water Depth: 190
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 3028	DEF AT first sample examined	DEF AT 2
5220 / 5217	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5640 / 5637	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8310 / 8273	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8520 / 8479	DEF AT -----	DEF AT 3
8550 / 8508	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 11-JAN-2002	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8596
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8556
API Well Number: 177084040700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 31-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 / 5217	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5640 / 5637	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8310 / 8273	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary:	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9533
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8786
API Well Number: 177084041200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 28-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5880 / 5364	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6420 / 5827	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8370 / 7661	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
9330 / 8587	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 107	<b>Date of Summary:</b> 03-OCT-1979	<b>First Sample Examined:</b> 3180
<b>Lease Number:</b> G02130	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9533
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8786
<b>API Well Number:</b> 177084041200	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3180 - 9510	<b>Water Depth:</b> 187
<b>Public Info Code:</b> Y 28-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 3031	DEF AT first sample examined	DEF AT 2
5880 / 5364	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6420 / 5827	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8370 / 7661	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8700 / 7980	DEF AT poor sample interval top	DEF AT 0
9329 / 8586	DEF AT poor sample interval bottom	DEF AT 0
9330 / 8587	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9510 / 8761	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SM 107 <b>Lease Number:</b> G02130 <b>Well Name:</b> A010 <b>API Well Number:</b> 177084041700 <b>Paleo Report Num:</b> 1 of 3 <b>Public Info Code:</b> Y 10-JAN-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10270 <b>Borehole TVD:</b> 8807 <b>Rkb Elevation:</b> 96 <b>Water Depth:</b> 198 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5740 / 5231	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7800 / 6859	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 24-JAN-1980	First Sample Examined: 3930
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 10270
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8807
API Well Number: 177084041700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 3	Sample Range: 3930 - 10230	Water Depth: 198
Public Info Code: Y 10-JAN-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3815	DEF AT first sample examined	DEF AT 2
5840 / 5308	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6380 / 5730	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6620 / 5917	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6800 / 6059	DEF AT -----	DEF AT 2
8760 / 7648	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
10110 / 8695	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10230 / 8781	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 31-JUL-1980	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10270
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 8807
API Well Number: 177084041700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 10-JAN-1990	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 5308	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6620 / 5917	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10110 / 8695	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 23-JAN-1980	First Sample Examined: 3200
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 8460
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8241
API Well Number: 177084043000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3200 - 7580	Water Depth: 190
Public Info Code: Y 03-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3193	DEF AT first sample examined	DEF AT 2
5420 / 5315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6020 / 5890	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6170 / 6035	DEF AT -----	DEF AT 2
6980 / 6816	DEF AT -----	DEF AT 3
7580 / 7397	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 19-MAY-1981	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8460
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 8241
API Well Number: 177084043000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 03-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 / 5315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6020 / 5890	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 21-OCT-1980	First Sample Examined: 3420
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 10330
Well Name: A013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8729
API Well Number: 177084046600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3420 - 10300	Water Depth: 190
Public Info Code: Y 21-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3420 / 3131	DEF AT first sample examined	DEF AT 3
5220 / 4570	DEF AT local marker (general)	DEF AT 2
6240 / 5375	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6960 / 5919	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7500 / 6326	DEF AT -----	DEF AT 3
9180 / 7704	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9300 / 7812	DEF AT cement	DEF AT 0
9510 / 7999	DEF AT -----	DEF AT 3
10170 / 8581	DEF AT -----	DEF AT 4
10260 / 8659	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10300 / 8694	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10330
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8729
API Well Number: 177084046600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 21-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6240 / 5375	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6960 / 5919	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10260 / 8659	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 107	<b>Date of Summary:</b> 30-JUN-1980	<b>First Sample Examined:</b> 3240
<b>Lease Number:</b> G02130	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10012
<b>Well Name:</b> A014	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8824
<b>API Well Number:</b> 177084045400	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3240 - 9930	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 30-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3150	DEF AT first sample examined	DEF AT 2
5520 / 5083	DEF AT - - - - -	DEF AT 3
5820 / 5333	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6090 / 5558	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8550 / 7608	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9930 / 8751	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 05-SEP-1980	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10012
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 8824
API Well Number: 177084045400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5820 / 5333	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6090 / 5558	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 29-MAY-1980	First Sample Examined: 3100
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 6103
Well Name: A015	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6013
API Well Number: 177084045900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 3	Sample Range: 3100 - 4320	Water Depth: 190
Public Info Code: Y 10-MAY-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3051	DEF AT first sample examined	DEF AT 2
4320 / 4238	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 29-MAY-1980	First Sample Examined: 3540
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 6103
Well Name: A015	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6013
API Well Number: 177084045900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 3	Sample Range: 3540 - 6030	Water Depth: 190
Public Info Code: Y 10-MAY-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3540 / 3470	DEF AT first sample examined	DEF AT 2
5280 / 5192	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5760 / 5671	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6030 / 5940	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6103
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 6013
API Well Number: 177084045900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 10-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5280 / 5192	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5760 / 5671	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 03-DEC-1980	First Sample Examined: 3145
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 9472
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8706
API Well Number: 177084048100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 3	Sample Range: 3145 - 9020	Water Depth: 190
Public Info Code: Y 19-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3145 / 3145	DEF AT first sample examined	DEF AT 2
5240 / 5240	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5540 / 5540	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5570 / 5570	DEF AT -----	DEF AT 4
5870 / 5870	DEF AT -----	DEF AT 3
7340 / 7278	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7550 / 7449	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9020 / 8415	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 03-DEC-1980	First Sample Examined: 7430
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 9472
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8706
API Well Number: 177084048100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 7430 - 9410	Water Depth: 190
Public Info Code: Y 19-DEC-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7430 / 7353	DEF AT cement	DEF AT 3
7520 / 7425	DEF IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7910 / 7711	DEF AT sample gap top	DEF AT 0
8359 / 7999	DEF AT sample gap bottom	DEF AT 0
8360 / 7999	DEF AT -----	DEF AT 3
9290 / 8587	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9410 / 8664	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 19-MAY-1981	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9472
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 8706
API Well Number: 177084048100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 19-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5240	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5570 / 5570	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9290 / 8587	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 107	<b>Date of Summary:</b> 23-JAN-1981	<b>First Sample Examined:</b> 3460
<b>Lease Number:</b> G02130	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9704
<b>Well Name:</b> A017	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8660
<b>API Well Number:</b> 177084046601	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3460 - 9670	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 26-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3165	DEF AT first sample examined	DEF AT 2
6130 / 5465	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6580 / 5844	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8830 / 7843	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9610 / 8602	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9670 / 8661	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9704
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 8660
API Well Number: 177084046601	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 26-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6130 / 5465	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6580 / 5844	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9610 / 8602	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 19-MAY-1981	First Sample Examined: 0
Lease Number: G03554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11733
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9306
API Well Number: 177084036000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 29-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 5414	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7220 / 5921	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11530 / 9153	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 09-APR-1980	First Sample Examined: 3720
Lease Number: G03554	Source of Paleo: OPERATOR	Borehole MD: 11900
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9663
API Well Number: 177084043900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 3	Sample Range: 3720 - 12180	Water Depth: 190
Public Info Code: Y 13-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3720 / 3459	DEF AT first sample examined	DEF AT 2
6240 / 5335	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7170 / 6002	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7500 / 6249	DEF AT -----	DEF AT 2
9960 / 8208	DEF AT -----	DEF AT 3
10560 / 8648	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
11940 /	DEF AT -----	DEF AT 3
11975 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12180 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 107	<b>Date of Summary:</b> 09-APR-1980	<b>First Sample Examined:</b> 10470
<b>Lease Number:</b> G03554	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11900
<b>Well Name:</b> A012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9663
<b>API Well Number:</b> 177084043900	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 10470 - 11880	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 13-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10470 / 8583	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
11880 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 107	Date of Summary: 05-SEP-1980	First Sample Examined: 0
Lease Number: G03554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11900
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 9663
API Well Number: 177084043900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 13-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6240 / 5335	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7170 / 6002	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 114	Date of Summary: 20-JAN-1982	First Sample Examined: 4220
Lease Number: G03554	Source of Paleo: OPERATOR	Borehole MD: 11411
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9628
API Well Number: 177084049300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 4220 - 6530	Water Depth: 195
Public Info Code: Y 13-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 3991	DEF AT first sample examined	DEF AT 2
5540 / 5041	DEF AT -----	DEF AT 3
5720 / 5188	DEF AT -----	DEF AT 2
6530 / 5814	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 114	<b>Date of Summary:</b> 20-JAN-1982	<b>First Sample Examined:</b> 5450
<b>Lease Number:</b> G03554	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11411
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9628
<b>API Well Number:</b> 177084049300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 5450 - 11390	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 13-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 4968	DEF AT cement	DEF AT 2
6000 / 5405	DEF AT -----	DEF AT 3
6200 / 5558	DEF AT -----	DEF AT 2
7130 / 6297	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9470 / 8192	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9920 / 8547	DEF AT local marker foram increase	DEF AT 4
10100 / 8686	DEF AT cement	DEF AT 3
10430 / 8924	DEF AT -----	DEF AT 4
10490 / 8966	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10700 / 9106	DEF AT -----	DEF AT 3
11240 / 9492	DEF AT -----	DEF AT 4
11270 / 9516	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11390 / 9611	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 114	<b>Date of Summary:</b> 20-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03554	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11411
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9628
<b>API Well Number:</b> 177084049300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 13-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 / 6297	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9470 / 8192	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
11270 / 9516	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 114	Date of Summary: 07-MAY-1981	First Sample Examined: 3200
Lease Number: G03554	Source of Paleo: OPERATOR	Borehole MD: 7405
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7007
API Well Number: 177084049900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 3200 - 7370	Water Depth: 189
Public Info Code: Y 02-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3158	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5990 / 5711	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6290 / 5985	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6380 / 6067	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7370 / 6975	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 114	Date of Summary: 03-AUG-1981	First Sample Examined: 0
Lease Number: G03554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7405
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7007
API Well Number: 177084049900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 02-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5711	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6380 / 6067	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 116	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02095	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12728
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8937
<b>API Well Number:</b> 177084035400	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 191
<b>Public Info Code:</b> Y 21-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1745 / 1740	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3200 / 2877	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
3201 / 2878	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4790 / 3735	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8170 / 5575	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10550 / 7013	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 116	Date of Summary: 28-APR-1998	First Sample Examined: 0
Lease Number: G02095	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12728
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8937
API Well Number: 177084035400	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 21-OCT-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10550 / 7013	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
11005 / 7358	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 116	Date of Summary:	First Sample Examined: 0
Lease Number: G02095	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6545
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6049
API Well Number: 177084036600	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 14-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3532 / 3230	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5030 / 4542	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 116	Date of Summary:	First Sample Examined: 0
Lease Number: G02095	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6027
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5725
API Well Number: 177084036700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 25-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2830 / 2754	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
2831 / 2755	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
3550 / 3398	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5170 / 4870	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 116	Date of Summary:	First Sample Examined: 0
Lease Number: G02095	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10046
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7756
API Well Number: 177084036801	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 06-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5133	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 118	Date of Summary: 08-JAN-1990	First Sample Examined: 0
Lease Number: G04807	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8724
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8722
API Well Number: 177084072300	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 01-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8163 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
8660 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 128	Date of Summary:	First Sample Examined: 0
Lease Number: G02587	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7407
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 6095
API Well Number: 177084033300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 28-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7407 / 6096	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 04-JAN-1978	First Sample Examined: 5290
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 8477
Well Name: C021	Paleo Done By: OPERATOR	Borehole TVD: 5719
API Well Number: 177084022800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4610 - 8390	Water Depth: 216
Public Info Code: Y 07-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Deeper drilling of the original well

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 / 3192	DEF AT first sample examined	DEF AT 0
8390 / 5647	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 16-MAY-1978	First Sample Examined: 6800
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 8158
Well Name: C029	Paleo Done By: OPERATOR	Borehole TVD: 6416
API Well Number: 177084026701	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 5284	DEF AT first sample examined	DEF AT 0
8158 / 6445	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 01-MAR-1978	First Sample Examined: 6420
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7750
Well Name: C030	Paleo Done By: OPERATOR	Borehole TVD: 6426
API Well Number: 177084029000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4500 - 7730	Water Depth: 216
Public Info Code: Y 03-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 5316	DEF AT first sample examined	DEF AT 0
7730 / 6409	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 06-FEB-1978	First Sample Examined: 6520
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 8472
Well Name: C031	Paleo Done By: OPERATOR	Borehole TVD: 7938
API Well Number: 177084032200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 23-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 6003	DEF AT first sample examined	DEF AT 0
8472 / 7938	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 16-APR-1978	First Sample Examined: 4900
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6383
Well Name: C032	Paleo Done By: OPERATOR	Borehole TVD: 5918
API Well Number: 177084032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 18-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 / 4697	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6383 / 5918	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 17-APR-1978	First Sample Examined: 4320
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 4800
Well Name: C033	Paleo Done By: OPERATOR	Borehole TVD: 4637
API Well Number: 177084034000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 28-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5574 / 5426	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6024 / 5873	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 31-JUL-1978	First Sample Examined: 6000
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 9850
Well Name: C035	Paleo Done By: OPERATOR	Borehole TVD: 6518
API Well Number: 177084034300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 06-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 3678	DEF AT first sample examined	DEF AT 0
9850 / 6518	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 16-AUG-1978	First Sample Examined: 4990
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6830
Well Name: C036	Paleo Done By: OPERATOR	Borehole TVD: 6685
API Well Number: 177084034800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 31-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4899	DEF AT first sample examined	DEF AT 0
6730 / 6587	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6820 / 6675	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 31-OCT-1978	First Sample Examined: 5130
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7136
Well Name: C039	Paleo Done By: OPERATOR	Borehole TVD: 5136
API Well Number: 177084034301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 28-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 3479	DEF AT first sample examined	DEF AT 0
7136 / 5135	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 31-OCT-1978	First Sample Examined: 6620
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7496
Well Name: C040	Paleo Done By: OPERATOR	Borehole TVD: 6554
API Well Number: 177084038100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 14-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 5926	DEF AT first sample examined	DEF AT 0
7400 / 6487	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 05-MAR-1980	First Sample Examined: 6000
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 9530
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 6564
API Well Number: 177084037900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 07-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 4071	DEF AT first sample examined	DEF AT 0
9540 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 16-APR-1980	First Sample Examined: 4240
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5500
Well Name: D005	Paleo Done By: OPERATOR	Borehole TVD: 5335
API Well Number: 177084045500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 25-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4240 / 4137	DEF AT first sample examined	DEF AT 0
5260 / 5111	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 01-JUL-1980	First Sample Examined: 5880
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6430
Well Name: D008	Paleo Done By: OPERATOR	Borehole TVD: 5725
API Well Number: 177084046400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 29-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6270 / 5569	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6420 / 5715	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 15-OCT-1980	First Sample Examined: 4500
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6076
Well Name: D014	Paleo Done By: OPERATOR	Borehole TVD: 3864
API Well Number: 177084047400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4500 - 5939	Water Depth: 215
Public Info Code: Y 05-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 3063	DEF AT first sample examined	DEF AT 0
5521 / 3658	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5939 / 3819	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 31-JUL-1981	First Sample Examined: 4590
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5167
Well Name: D017	Paleo Done By: OPERATOR	Borehole TVD: 4582
API Well Number: 177084050700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 08-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 4038	DEF AT first sample examined	DEF AT 0
5160 / 4575	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 16-JUN-1981	First Sample Examined: 4500
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5250
Well Name: D018	Paleo Done By: OPERATOR	Borehole TVD: 4164
API Well Number: 177084050200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 08-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 3641	DEF AT first sample examined	DEF AT 0
5250 / 4161	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 02-SEP-1981	First Sample Examined: 6510
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7424
Well Name: D020	Paleo Done By: OPERATOR	Borehole TVD: 6234
API Well Number: 177084050900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 06-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 / 5577	DEF AT first sample examined	DEF AT 0
7440 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 02-SEP-1981	First Sample Examined: 4480
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5640
Well Name: D022	Paleo Done By: OPERATOR	Borehole TVD: 4666
API Well Number: 177084051100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 18-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4480 / 3807	DEF AT first sample examined	DEF AT 0
5470 / 4534	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 12-OCT-1982	First Sample Examined: 4490
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5072
Well Name: D023	Paleo Done By: OPERATOR	Borehole TVD: 4472
API Well Number: 177084052100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4100 - 5000	Water Depth: 215
Public Info Code: Y 19-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4490 / 4054	DEF AT first sample examined	DEF AT 0
5000 / 4419	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 14-DEC-1981	First Sample Examined: 4400
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6230
Well Name: D024	Paleo Done By: OPERATOR	Borehole TVD: 5739
API Well Number: 177084052200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 14-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 4027	DEF AT first sample examined	DEF AT 0
6230 / 5739	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 15-MAR-1982	First Sample Examined: 6480
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6980
Well Name: D027	Paleo Done By: OPERATOR	Borehole TVD: 4997
API Well Number: 177084053400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 23-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 4591	DEF AT first sample examined	DEF AT 0
6725 / 4789	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 13-APR-1982	First Sample Examined: 5840
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7048
Well Name: D028	Paleo Done By: OPERATOR	Borehole TVD: 6838
API Well Number: 177084053900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 15-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 5682	DEF AT first sample examined	DEF AT 0
7040 / 6831	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 11-NOV-1982	First Sample Examined: 4890
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5060
Well Name: D033	Paleo Done By: OPERATOR	Borehole TVD: 4853
API Well Number: 177084057401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 01-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4693	DEF AT first sample examined	DEF AT 0
5060 / 4860	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 17-JAN-1983	First Sample Examined: 5000
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6675
Well Name: D034	Paleo Done By: OPERATOR	Borehole TVD: 6530
API Well Number: 177084058800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 13-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4866	DEF AT first sample examined	DEF AT 0
6600 / 6457	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 10-OCT-1978	First Sample Examined: 6390
Lease Number: G02281	Source of Paleo: OPERATOR	Borehole MD: 11370
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 10490
API Well Number: 177084036300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 11-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9710 / 9003	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11250 /10382	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 17-JAN-1980	First Sample Examined: 6390
Lease Number: G02281	Source of Paleo: OPERATOR	Borehole MD: 7236
Well Name: D006	Paleo Done By: OPERATOR	Borehole TVD: 6093
API Well Number: 177084043100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 31-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6390 / 5342	DEF AT first sample examined	DEF AT 0
7230 / 6087	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 06-OCT-1981	First Sample Examined: 5970
Lease Number: G02281	Source of Paleo: OPERATOR	Borehole MD: 7474
Well Name: D021	Paleo Done By: OPERATOR	Borehole TVD: 7204
API Well Number: 177084051500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 27-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5777	DEF AT first sample examined	DEF AT 0
7474 / 7204	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 14-DEC-1981	First Sample Examined: 5890
Lease Number: G02281	Source of Paleo: OPERATOR	Borehole MD: 7706
Well Name: D025	Paleo Done By: OPERATOR	Borehole TVD: 7319
API Well Number: 177084052700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 06-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5890 / 5636	DEF AT first sample examined	DEF AT 0
7706 / 7319	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 130	Date of Summary: 03-NOV-1982	First Sample Examined: 7550
Lease Number: G02281	Source of Paleo: OPERATOR	Borehole MD: 8965
Well Name: D032	Paleo Done By: OPERATOR	Borehole TVD: 6750
API Well Number: 177084057700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Rapid sample examination

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 5740	DEF AT first sample examined	DEF AT 0
8950 / 6748	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 136	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 9230
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9038
API Well Number: 177084030400	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 20-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 7704	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 136	Date of Summary: 29-AUG-1980	First Sample Examined: 4900
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 9600
Well Name: B006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9600
API Well Number: 177084045200	Drilling Operator: CONOCO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4900 - 9580	Water Depth: 228
Public Info Code: Y 20-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4900 / 4900	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5650 / 5650	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
7480 / 7479	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8020 / 8018	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9010 / 9006	DEF AT sample gap top	DEF AT 0
9279 / 9274	DEF AT sample gap bottom	DEF AT 0
9280 / 9275	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9580 / 9575	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 136	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 9600
Well Name: B006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9600
API Well Number: 177084045200	Drilling Operator: CONOCO INC	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 20-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7690 / 7689	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8020 / 8018	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
9280 / 9275	DEF AT Arenaceous fauna (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 136	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 8993
Well Name: B007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8695
API Well Number: 177084046500	Drilling Operator: CONOCO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 21-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7440 / 7241	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 136	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 10180
Well Name: B008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9247
API Well Number: 177084048300	Drilling Operator: CONOCO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 29-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8800 / 8122	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9580 / 8780	DEF IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
9820 / 8969	DEF AT Arenaceous fauna (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 137	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02589	Source of Paleo: OPERATOR	Borehole MD: 8137
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8048
API Well Number: 177084030200	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 07-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7140 / 7052	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7620 / 7532	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 137	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02589	Source of Paleo: OPERATOR	Borehole MD: 8859
Well Name: A013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8705
API Well Number: 177084042900	Drilling Operator: CONOCO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 24-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7120 / 7043	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7670 / 7570	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
8270 / 8143	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary:	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7054
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7049
API Well Number: 177084041600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 231
Public Info Code: Y 12-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary:	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7800
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6743
API Well Number: 177084042600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 231
Public Info Code: Y 16-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2260 / 2167	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5710 / 4933	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 02-JUL-1982	First Sample Examined: 4110
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 10950
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6771
API Well Number: 177084052000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4110 - 9590	Water Depth: 230
Public Info Code: Y 27-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 3064	DEF AT cement	DEF AT 0
4130 / 3076	DEF AT -----	DEF IN 3
4520 / 3289	DEF AT -----	DEF AT 2
4910 / 3497	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4940 / 3514	DEF AT -----	DEF AT 3
7670 / 5007	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9590 / 6070	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 02-JUL-1982	First Sample Examined: 9490
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 10658
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6649
API Well Number: 177084052001	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 9490 - 10950	Water Depth: 230
Public Info Code: Y 27-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 5971	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10950 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 31-JAN-1985	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10658
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6649
API Well Number: 177084052001	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 27-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4910 / 3497	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7670 / 5007	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 07-SEP-1982	First Sample Examined: 3380
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 7430
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4297
API Well Number: 177084055800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 3	Sample Range: 3380 - 3920	Water Depth: 230
Public Info Code: Y 03-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 / 2608	DEF AT first sample examined	DEF IN 2
3920 / 2857	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 07-SEP-1982	First Sample Examined: 3440
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 7430
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4297
API Well Number: 177084055800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 3	Sample Range: 3440 - 7430	Water Depth: 230
Public Info Code: Y 03-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3440 / 2635	DEF AT first sample examined	DEF IN 2
5450 / 3445	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6110 / 3731	DEF AT -----	DEF AT 3
7430 / 4296	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 30-NOV-1982	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7430
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4297
API Well Number: 177084055800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 03-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 3445	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 23-NOV-1982	First Sample Examined: 3900
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 10175
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6477
API Well Number: 177084057900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 3	Sample Range: 3900 - 10470	Water Depth: 231
Public Info Code: Y 04-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3114	DEF IN cement	DEF AT 0
4020 / 3167	DEF AT - - - - -	DEF IN 3
4830 / 3538	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7410 / 4949	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10470 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 23-NOV-1982	First Sample Examined: 10470
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 10175
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6477
API Well Number: 177084057900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 3	Sample Range: 10470 - 10590	Water Depth: 231
Public Info Code: Y 04-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10470 /	DEF AT first sample examined	DEF AT 3
10590 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10175
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6477
API Well Number: 177084057900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 231
Public Info Code: Y 04-JAN-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 3538	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7410 / 4949	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 141	<b>Date of Summary:</b> 28-APR-1983	<b>First Sample Examined:</b> 7530
<b>Lease Number:</b> G02885	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9423
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6453
<b>API Well Number:</b> 177084059500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7530 - 9420	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 26-MAY-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 5319	DEF AT first sample examined	DEF IN 3
7680 / 5413	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9420 / 6452	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9423
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6453
API Well Number: 177084059500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 26-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 5413	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 25-APR-1985	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9026
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6468
API Well Number: 177084059501	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 10-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 5413	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10625
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6633
API Well Number: 177084060800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 23-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 3600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7710 / 5053	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 04-MAY-1995	First Sample Examined: 0
Lease Number: G02886	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7515
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6441
API Well Number: 177084042100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 231
Public Info Code: Y 10-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3760 / 3131	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5700 / 4674	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 141	<b>Date of Summary:</b> 14-MAR-1983	<b>First Sample Examined:</b> 1013
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8588
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5912
<b>API Well Number:</b> 177084054900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 1013 - 7870	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 11-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1013 / 1005	DEF AT first sample examined	DEF IN 3
1330 / 1303	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2740 / 2331	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6520 / 4750	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7390 / 5268	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7870 / 5540	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 141	<b>Date of Summary:</b> 14-MAR-1983	<b>First Sample Examined:</b> 7480
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8588
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5912
<b>API Well Number:</b> 177084054900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 7480 - 8170	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 11-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 5322	DEF AT first sample examined	DEF AT 3
7570 / 5376	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8170 / 5692	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 141	<b>Date of Summary:</b> 14-MAR-1983	<b>First Sample Examined:</b> 7960
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8588
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5912
<b>API Well Number:</b> 177084054900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 7960 - 8590	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 11-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 5586	DEF AT first sample examined	DEF AT 3
8590 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G02886	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8588
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5912
API Well Number: 177084054900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 11-APR-1993	Ecozone Eq MMS:	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2740 / 2331	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7570 / 5376	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 141	<b>Date of Summary:</b> 30-SEP-1982	<b>First Sample Examined:</b> 1030
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4674
<b>Well Name:</b> A007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 2957
<b>API Well Number:</b> 177084056300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1030 - 4673	<b>Water Depth:</b> 230
<b>Public Info Code:</b> Y 28-OCT-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1028	DEF AT first sample examined	DEF AT 2
4060 / 2647	DEF AT - - - - -	DEF AT 3
4570 / 2821	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4630 / 2842	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4631 / 2842	POS AT gouge	DEF AT 5
4673 / 2857	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 141	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02886	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4674
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 2957
API Well Number: 177084056300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 28-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 2647	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4630 / 2842	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4631 / 2842	DEF AT gouge	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 142	Date of Summary:	First Sample Examined: 0
Lease Number: G01216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8490
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 8490
API Well Number: 177084037200	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 06-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7970 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 142	Date of Summary: 29-SEP-1978	First Sample Examined: 4040
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 8490
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8490
API Well Number: 177084037200	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 4040 - 8450	Water Depth: 221
Public Info Code: Y 06-OCT-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 /	DEF AT first sample examined	DEF AT 2
4100 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5390 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7010 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7970 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8450 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 142	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G01216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7267
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 6234
API Well Number: 177084061000	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 11-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 3104	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5220 / 4756	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 142	Date of Summary: 21-SEP-1983	First Sample Examined: 0
Lease Number: G01216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7200
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 6070
API Well Number: 177084061001	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 22-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 / 3952	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5180 / 4666	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7070 / 5983	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 143	Date of Summary: 03-JAN-1980	First Sample Examined: 3486
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 5765
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4769
API Well Number: 177084043300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 3486 - 5676	Water Depth: 240
Public Info Code: Y 25-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3486 / 3227	DEF AT first sample examined	DEF IN 2
3576 / 3290	DEF AT - - - - -	DEF AT 3
4116 / 3659	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5676 / 4709	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 143	Date of Summary: 27-FEB-1989	First Sample Examined: 0
Lease Number: G01217	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5765
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 4769
API Well Number: 177084043300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 25-JAN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1895 / 1881	POS AT Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 143	Date of Summary: 23-JAN-1980	First Sample Examined: 3960
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6532
API Well Number: 177084043800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3960 - 8308	Water Depth: 240
Public Info Code: Y 17-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3960 / 3538	DEF AT first sample examined	DEF IN 3
4110 / 3643	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6690 / 5398	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8308 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 143	Date of Summary: 25-FEB-1980	First Sample Examined: 3200
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 6126
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5737
API Well Number: 177084044100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3200 - 6180	Water Depth: 240
Public Info Code: Y 07-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3084	DEF AT cement	DEF AT 0
3290 / 3166	DEF AT - - - - -	DEF IN 2
3530 / 3386	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6120 / 5731	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6180 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 143	Date of Summary: 17-APR-1980	First Sample Examined: 3690
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 9714
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8725
API Well Number: 177084044900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3690 - 8347	Water Depth: 240
Public Info Code: Y 15-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3603	DEF AT cement	DEF AT 0
3840 / 3734	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5920 / 5497	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8347 / 7564	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 143	Date of Summary: 17-APR-1980	First Sample Examined: 3370
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 8327
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6203
API Well Number: 177084045100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3370 - 8260	Water Depth: 240
Public Info Code: Y 09-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3053	DEF AT cement	DEF AT 2
4000 / 3467	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7420 / 5621	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7960 / 5969	DEF AT -----	DEF AT 4
8260 / 6161	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 144	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5515
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5515
<b>API Well Number:</b> 177084010100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 26-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3470 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5030 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 144	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6179
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6179
<b>API Well Number:</b> 177084034200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 03-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4820 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5720 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 144	Date of Summary: 04-APR-1978	First Sample Examined: 800
Lease Number: G02886	Source of Paleo: OPERATOR	Borehole MD: 6179
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6179
API Well Number: 177084034200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 800 - 6170	Water Depth: 224
Public Info Code: Y 03-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	DEF AT first sample examined	DEF IN 2
1130 /	DEF AT - - - - -	DEF AT 3
3380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4820 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5720 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
6170 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 144	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02886	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5897
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5897
<b>API Well Number:</b> 177084034700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 14-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2810 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 145	Date of Summary: 17-FEB-1988	First Sample Examined: 1000
Lease Number: G05466	Source of Paleo: OPERATOR	Borehole MD: 13776
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13770
API Well Number: 177084068200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 4	Sample Range: 1000 - 4780	Water Depth: 237
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 2
1570 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2710 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4690 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4780 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 145	<b>Date of Summary:</b> 17-FEB-1988	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G05466	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13776
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13770
<b>API Well Number:</b> 177084068200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 1000 - 4780	<b>Water Depth:</b> 237
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 0
2080 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4600 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
4780 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 145	<b>Date of Summary:</b> 17-FEB-1988	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G05466	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13776
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13770
<b>API Well Number:</b> 177084068200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 4000 - 13780	<b>Water Depth:</b> 237
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 2
4570 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5440 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5800 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7000 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7840 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8950 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9340 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9430 /	DEF AT faunal change (no faunal increase)	DEF AT 6
9820 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
10810 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13780 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 145	Date of Summary: 17-FEB-1988	First Sample Examined: 4000
Lease Number: G05466	Source of Paleo: OPERATOR	Borehole MD: 13776
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13770
API Well Number: 177084068200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 4 of 4	Sample Range: 4000 - 13780	Water Depth: 237
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 005

Remark: Report=sidetrack=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 2
4540 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
4960 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
5830 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
5860 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
8170 /	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8860 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8950 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
13780 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 148	Date of Summary: 10-MAY-1992	First Sample Examined: 1000
Lease Number: G12897	Source of Paleo: OPERATOR	Borehole MD: 4500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177084076100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 4500	Water Depth: 233
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 0
1660 / 1660	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4500 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 21-DEC-1979	First Sample Examined: 4840
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 8954
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8954
API Well Number: 177084041900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4840 - 8954	Water Depth: 254
Public Info Code: Y 24-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4840 /	DEF AT first sample examined	DEF AT
4841 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4960 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5650 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6700 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7780 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8080 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8260 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8261 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8830 /	DEF AT local marker deep water fauna	DEF AT 6
8954 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 155	<b>Date of Summary:</b> 30-APR-1980	<b>First Sample Examined:</b> 5060
<b>Lease Number:</b> G04110	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9300
<b>Well Name:</b> A002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8870
<b>API Well Number:</b> 177084045600	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5060 - 9280	<b>Water Depth:</b> 254
<b>Public Info Code:</b> Y 24-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 / 4892	DEF AT first sample examined	DEF AT 3
6070 / 5836	DEF AT -----	DEF AT 2
7810 / 7477	DEF AT -----	DEF AT 3
9220 / 8796	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9280 / 8852	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 23-SEP-1981	First Sample Examined: 5090
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 8683
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8359
API Well Number: 177084050801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 5090 - 8660	Water Depth: 247
Public Info Code: Y 21-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 / 5086	DEF AT first sample examined	DEF AT 3
5600 / 5584	DEF AT local marker foram increase	DEF AT 3
8060 / 7809	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8360 / 8076	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8660 / 8339	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 07-DEC-1981	First Sample Examined: 5050
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 11636
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11026
API Well Number: 177084049600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 5050 - 11560	Water Depth: 254
Public Info Code: Y 13-DEC-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5050 / 4857	DEF AT first sample examined	DEF AT 3
6010 / 5755	DEF AT local marker foram increase	DEF AT 3
6190 / 5924	DEF AT faunal change (no faunal increase)	DEF AT 2
6490 / 6206	DEF AT faunal change (no faunal increase)	DEF AT 3
10030 / 9533	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11170 /10590	DEF AT local marker deep water fauna	DEF AT 6
11470 /10870	DEF AT gypsum	DEF AT 6
11471 /10871	DEF AT salt	DEF AT 6
11560 /10955	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 155	<b>Date of Summary:</b> 28-DEC-1982	<b>First Sample Examined:</b> 5252
<b>Lease Number:</b> G04110	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13635
<b>Well Name:</b> A012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 12224
<b>API Well Number:</b> 177084055600	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5252 - 7380	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 30-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5252 / 4867	DEF AT first sample examined	DEF AT 2
5970 / 5492	DEF AT faunal change (no faunal increase)	DEF AT 3
6270 / 5751	DEF AT local marker foram increase	DEF AT 3
6510 / 5958	DEF AT faunal change (no faunal increase)	DEF AT 2
7380 / 6730	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 28-DEC-1982	First Sample Examined: 5370
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 13635
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12224
API Well Number: 177084055600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 3	Sample Range: 5370 - 13560	Water Depth: 250
Public Info Code: Y 30-OCT-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 4971	DEF AT first sample examined	DEF AT 3
6330 / 5802	DEF AT local marker foram increase	DEF AT 3
6510 / 5958	DEF AT faunal change (no faunal increase)	DEF AT 2
7560 / 6895	DEF AT faunal change (no faunal increase)	DEF AT 3
8010 / 7296	DEF AT faunal change (no faunal increase)	DEF AT 2
9270 / 8383	DEF AT faunal change (no faunal increase)	DEF AT 3
10620 / 9587	DEF AT faunal change (no faunal increase)	DEF AT 3
11248 /10149	POS AT unconformity	POS AT 3
11249 /10149	POS AT fault	DEF AT 4
11250 /10150	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11730 /10582	DEF AT faunal change (no faunal increase)	DEF AT 3
13560 /12165	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 155	<b>Date of Summary:</b> 19-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04110	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13635
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12224
<b>API Well Number:</b> 177084055600	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 30-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6616 / 6050	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7945 / 7239	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
13500 / 12116	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 28-DEC-1982	First Sample Examined: 5710
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 10570
Well Name: A014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8447
API Well Number: 177084058000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 5710 - 10550	Water Depth: 254
Public Info Code: Y 10-DEC-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5710 / 4863	DEF AT cement	DEF AT 0
6040 / 5103	DEF AT -----	DEF AT 3
7190 / 5957	DEF AT -----	DEF AT 2
7630 / 6258	DEF AT -----	DEF AT 3
10340 / 8275	DEF AT -----	DEF AT 2
10550 / 8432	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04110	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10570
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 8447
API Well Number: 177084058000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 254
Public Info Code: Y 10-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 5889	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8465 / 6853	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04220	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9494
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9113
API Well Number: 177084046300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 05-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8570 / 8232	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9200 / 8833	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 07-AUG-1980	First Sample Examined: 5250
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 9805
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8862
API Well Number: 177084047300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 5250 - 9780	Water Depth: 240
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5250 / 4852	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6210 / 5694	DEF AT local marker foram increase	DEF AT 3
9780 / 8817	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 12-JUL-1982	First Sample Examined: 5230
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 10261
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9223
API Well Number: 177084047301	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 5230 - 9160	Water Depth: 250
Public Info Code: Y 26-JUL-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Short section between 8560 and 8830

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 4841	DEF AT first sample examined	DEF AT 3
6190 / 5673	DEF AT local marker foram increase	DEF AT 3
8560 / 7731	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8830 / 7971	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9160 / 8265	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04220	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10261
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9223
API Well Number: 177084047301	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 26-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6332 / 5797	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 18-NOV-1980	First Sample Examined: 4920
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 12400
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12008
API Well Number: 177084047700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4920 - 12340	Water Depth: 240
Public Info Code: Y 02-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 4842	DEF AT first sample examined	DEF AT 3
5730 / 5593	DEF AT local marker (general)	DEF AT 3
6630 / 6448	DEF AT -----	DEF AT 2
7110 / 6906	DEF AT -----	DEF AT 3
7320 / 7107	DEF AT -----	DEF AT 4
7440 / 7221	DEF AT local marker (general)	DEF AT 4
7710 / 7478	DEF AT cement	DEF AT 3
7864 / 7624	DEF AT cement	DEF AT 3
8100 / 7847	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8220 / 7961	DEF AT cement	DEF AT 3
9090 / 8792	DEF AT -----	DEF AT 4
9300 / 8993	DEF AT drilling material	DEF AT 4
9480 / 9166	DEF AT -----	DEF AT 5
10140 / 9801	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
11160 / 10791	DEF AT local marker deep water fauna	DEF AT 6
12340 / 11949	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 155	<b>Date of Summary:</b> 23-SEP-1981	<b>First Sample Examined:</b> 4840
<b>Lease Number:</b> G04220	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7878
<b>Well Name:</b> A006	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7760
<b>API Well Number:</b> 177084050800	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4840 - 7840	<b>Water Depth:</b> 256
<b>Public Info Code:</b> Y 23-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4840 / 4837	DEF AT first sample examined	DEF AT 3
5590 / 5587	DEF AT local marker foram increase	DEF AT 3
5740 / 5735	DEF AT -----	DEF AT 2
6040 / 6024	DEF AT -----	DEF AT 3
7780 / 7665	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7840 / 7722	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: G04220	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7878
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7760
API Well Number: 177084050800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 256
Public Info Code: Y 23-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6670 / 6614	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 155	<b>Date of Summary:</b> 15-JAN-1982	<b>First Sample Examined:</b> 5430
<b>Lease Number:</b> G04220	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8035
<b>Well Name:</b> A010	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6888
<b>API Well Number:</b> 177084052500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5430 - 6480	<b>Water Depth:</b> 250
<b>Public Info Code:</b> Y 24-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 4855	DEF AT first sample examined	DEF AT 3
6240 / 5484	DEF AT local marker foram increase	DEF AT 3
6480 / 5669	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 15-JAN-1982	First Sample Examined: 5650
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 8035
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6888
API Well Number: 177084052500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 3	Sample Range: 5650 - 7990	Water Depth: 250
Public Info Code: Y 24-JAN-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5027	DEF AT first sample examined	DEF AT 3
6250 / 5492	DEF AT local marker foram increase	DEF AT 3
7750 / 6655	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7960 / 6820	DEF AT -----	DEF AT 3
7990 / 6844	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G04220	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8035
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6888
API Well Number: 177084052500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 24-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6442 / 5640	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-MAY-1982	First Sample Examined: 5840
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 8288
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6681
API Well Number: 177084053800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 3	Sample Range: 5840 - 8340	Water Depth: 250
Public Info Code: Y 16-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5840 / 4862	DEF AT first sample examined	DEF AT 3
6620 / 5465	DEF AT sample gap top	DEF AT 0
6649 / 5487	DEF AT sample gap bottom	DEF AT 0
6650 / 5487	DEF IN local marker foram increase	DEF AT 3
6800 / 5599	DEF AT sample gap top	DEF AT 0
7249 / 5927	DEF AT sample gap bottom	DEF AT 0
7250 / 5928	DEF AT -----	DEF AT 3
8150 / 6580	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8280 / 6675	DEF AT -----	DEF AT 3
8340 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-MAY-1982	First Sample Examined: 5930
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 8288
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6681
API Well Number: 177084053800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 3	Sample Range: 5930 - 8270	Water Depth: 250
Public Info Code: Y 16-MAY-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5930 / 4932	DEF AT first sample examined	DEF AT 3
6770 / 5577	DEF AT local marker foram increase	DEF AT 3
8270 / 6668	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04220	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8288
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 6681
API Well Number: 177084053800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 16-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6914 / 5683	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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End Date: 31-DEC-1993

Area Block: SM 155	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04220	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10240
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 9024
API Well Number: 177084059300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 14-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5880 / 5468	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7140 / 6485	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8460 / 7558	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9780 / 8639	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 156	Date of Summary: 28-MAR-1980	First Sample Examined: 4850
Lease Number: G04220	Source of Paleo: OPERATOR	Borehole MD: 9084
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8287
API Well Number: 177084044500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4850 - 9050	Water Depth: 240
Public Info Code: Y 14-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4850 / 4850	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6800 / 6731	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7790 / 7499	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8060 / 7683	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
8240 / 7802	DEF AT -----	DEF AT 3
9050 / 8270	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 160	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G04433	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11340
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10688
API Well Number: 177084052900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 276
Public Info Code: Y 19-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4675	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
7450 / 7143	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8600 / 8206	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9455 / 8989	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11190 / 10554	DEF AT gray shale	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 19-APR-1982	First Sample Examined: 1340
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 7342
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7340
API Well Number: 177084053300	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1340 - 7340	Water Depth: 275
Public Info Code: Y 07-MAY-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1340 /	DEF AT first sample examined	DEF AT 2
1610 /	DEF AT - - - - -	DEF AT 3
2180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7340 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7342
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7340
API Well Number: 177084053300	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 07-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9820
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9384
API Well Number: 177084053301	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2180 / 2180	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7450 / 7307	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8109
API Well Number: 177084053302	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 24-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 7654	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8930 / 8423	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Area Block: SM 161	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11405
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10544
API Well Number: 177084053303	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 19-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6869	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7720 / 7461	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9430 / 8903	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 18-AUG-1984	<b>First Sample Examined:</b> 7825
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11405
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10544
<b>API Well Number:</b> 177084053303	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7825 - 11405	<b>Water Depth:</b> 275
<b>Public Info Code:</b> Y 19-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Redrill report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7825 / 7546	DEF AT first sample examined	DEF IN 3
7826 / 7547	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9950 / 9347	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11405 / 10548	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 01-SEP-1982	<b>First Sample Examined:</b> 4800
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7900
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7900
<b>API Well Number:</b> 177084054500	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4800 - 7900	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 15-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT first sample examined	DEF IN 3
5790 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5910 /	DEF AT - - - - -	DEF AT 4
7560 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7900 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 08-DEC-1982	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7900
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7900
API Well Number: 177084054500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 15-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5780 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7560 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 08-DEC-1982	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8722
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8602
API Well Number: 177084054501	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7770 / 7681	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 21-SEP-1982	First Sample Examined: 5970
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 8910
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8338
API Well Number: 177084054502	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 5970 - 8880	Water Depth: 270
Public Info Code: Y 08-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5946	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7770 / 7414	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7950 / 7553	DEF AT -----	DEF AT 4
8880 / 8313	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 08-DEC-1982	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8910
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8338
API Well Number: 177084054502	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 08-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7361	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9760
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8506
API Well Number: 177084054503	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 21-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8104 / 7488	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 07-MAR-1983	First Sample Examined: 1400
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 10835
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10036
API Well Number: 177084059000	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 1400 - 9410	Water Depth: 270
Public Info Code: Y 25-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 / 1400	DEF AT first sample examined	DEF IN 3
2510 / 2510	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5090 / 5090	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5390 / 5390	DEF AT - - - - -	DEF AT 4
5540 / 5540	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7080 / 7080	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8060 / 8028	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9410 / 9111	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 07-MAR-1983	First Sample Examined: 9400
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 10835
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10036
API Well Number: 177084059000	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 9400 - 10840	Water Depth: 270
Public Info Code: Y 25-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9400 / 9105	DEF AT first sample examined	DEF IN 4
10840 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 04-MAY-1983	First Sample Examined: 0
Lease Number: G04809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10835
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10036
API Well Number: 177084059000	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 25-MAR-1993	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2510 / 2510	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5540 / 5540	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7080 / 7080	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8060 / 8028	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 161	Date of Summary: 03-JUN-1983	First Sample Examined: 4900
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10524
API Well Number: 177084060300	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4900 - 11560	Water Depth: 270
Public Info Code: Y 27-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4900	DEF AT first sample examined	DEF IN 3
5890 / 5882	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7630 / 7404	DEF AT faunal change (no faunal increase)	DEF AT 4
8200 / 7856	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10330 / 9474	DEF AT faunal change (no faunal increase)	DEF AT 5
11560 / 10321	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 03-JUN-1983	<b>First Sample Examined:</b> 10270
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12000
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10524
<b>API Well Number:</b> 177084060300	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10270 - 12000	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 27-JUN-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Redrill report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10270 / 9433	DEF AT first sample examined	DEF AT 4
10330 / 9474	DEF AT faunal change (no faunal increase)	DEF AT 5
12000 /10524	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 171	Date of Summary: 28-MAR-1989	First Sample Examined: 0
Lease Number: G04811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6867
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5770
API Well Number: 177084070800	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 30-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3618	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5220 / 4665	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 171	Date of Summary: 24-MAY-1989	First Sample Examined: 0
Lease Number: G05467	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7575
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5447
API Well Number: 177084071000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 06-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4174 / 3563	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7401 / 5340	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 171	Date of Summary: 24-MAY-1989	First Sample Examined: 2483
Lease Number: G05467	Source of Paleo: OPERATOR	Borehole MD: 7575
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5447
API Well Number: 177084071000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2483 - 7550	Water Depth: 290
Public Info Code: Y 06-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2483 / 2468	DEF AT cement	DEF AT 0
2887 / 2807	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3067 / 2951	DEF AT -----	DEF AT 4
3494 / 3213	DEF AT -----	DEF AT 2
4094 / 3521	DEF AT -----	DEF AT 3
4834 / 3915	DEF AT -----	DEF AT 2
5400 / 4217	DEF AT -----	DEF AT 3
5683 / 4369	DEF AT -----	DEF AT 2
7308 / 5284	DEF AT -----	DEF AT 3
7490 / 5395	DEF AT local marker foram increase	DEF AT 4
7550 / 5431	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 172	Date of Summary:	First Sample Examined: 1300
Lease Number: G04811	Source of Paleo: OPERATOR	Borehole MD: 6458
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6458
API Well Number: 177084056700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1300 - 6460	Water Depth: 290
Public Info Code: Y 30-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 / 1300	DEF AT first sample examined	DEF AT 2
2200 / 2200	DEF AT -----	DEF AT 3
2260 / 2260	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2400 / 2400	DEF AT -----	DEF AT 2
3600 / 3599	DEF AT -----	DEF AT 3
3900 / 3899	DEF AT -----	DEF AT 2
4600 / 4599	DEF AT -----	DEF AT 4
4630 / 4629	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6460 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 172	Date of Summary: 03-FEB-1988	First Sample Examined: 0
Lease Number: G04811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7795
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6400
API Well Number: 177084068400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 289
Public Info Code: Y 30-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Depth=U. Kansan sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5955 / 4980	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 172	Date of Summary: 09-JAN-1989	First Sample Examined: 0
Lease Number: G04811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5100
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 177084070300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 30-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2860 / 2860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4720 / 4720	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary: 25-APR-1978	First Sample Examined: 3970
Lease Number: G02887	Source of Paleo: OPERATOR	Borehole MD: 5167
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5167
API Well Number: 177084033800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3970 - 5200	Water Depth: 300
Public Info Code: Y 25-APR-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 /	DEF AT first sample examined	DEF AT 3
3971 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4570 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4810 /	DEF AT poor sample interval top	POS AT 5
5199 /	DEF AT poor sample interval bottom	POS AT 5
5200 /	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary: 30-MAY-1978	First Sample Examined: 3010
Lease Number: G02887	Source of Paleo: OPERATOR	Borehole MD: 5167
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 5167
API Well Number: 177084033800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3010 - 5200	Water Depth: 300
Public Info Code: Y 25-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3010 /	DEF AT first sample examined	POS AT 1
3011 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3130 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3220 /	DEF AT faunal change (no faunal increase)	POS AT 1
3250 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3310 /	DEF AT non-marine sediment	DEF AT 0
3430 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3610 /	DEF AT faunal change (no faunal increase)	POS AT 1
3670 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4030 /	DEF AT cement	POS AT 1
4090 /	DEF AT faunal change (no faunal increase)	POS AT 1
4180 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4270 /	DEF AT cement	POS AT 1
4300 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4569 /	POS AT unconformity	DEF AT 3
4570 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
4600 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4660 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4720 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5080 /	DEF AT faunal change (no faunal increase)	POS AT 1
5200 /	DEF AT last sample examined	POS AT 1

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary:	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4894
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4894
API Well Number: 177084041400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 317
Public Info Code: Y 24-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4522 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b> 30-AUG-1979	<b>First Sample Examined:</b> 1334
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4894
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4894
<b>API Well Number:</b> 177084041400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1334 - 4894	<b>Water Depth:</b> 317
<b>Public Info Code:</b> Y 24-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1334 /	DEF AT first sample examined	DEF AT 3
1690 /	DEF AT -----	DEF AT 2
2353 /	DEF AT -----	DEF AT 3
2570 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4367 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4522 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4894 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary:	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5632
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5049
API Well Number: 177084041402	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 317
Public Info Code: Y 11-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2420 / 2420	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4906 / 4541	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b> 26-SEP-1979	<b>First Sample Examined:</b> 2330
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5632
<b>Well Name:</b> 003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5049
<b>API Well Number:</b> 177084041402	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2330 - 5632	<b>Water Depth:</b> 317
<b>Public Info Code:</b> Y 11-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 / 2330	DEF AT cement	DEF AT 3
2420 / 2420	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4876 / 4519	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4906 / 4541	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5213 / 4761	DEF AT local marker (general)	DEF AT 4
5632 / 5049	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary:	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5912
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5912
API Well Number: 177084043200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 12-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2797 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4952 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary:	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5912
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5912
API Well Number: 177084043200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 12-JAN-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4780 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b> 20-DEC-1979	<b>First Sample Examined:</b> 2740
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5912
<b>Well Name:</b> 004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5912
<b>API Well Number:</b> 177084043200	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 2740 - 5881	<b>Water Depth:</b> 295
<b>Public Info Code:</b> Y 12-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2740 /	DEF AT cement	DEF AT 3
2797 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4270 /	DEF AT sample gap top	DEF AT 0
4580 /	DEF AT sample gap bottom	DEF AT 0
4730 /	DEF AT local marker (general)	DEF AT 4
4922 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4952 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5881 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary:	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5309
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 5309
API Well Number: 177084043400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 09-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4615 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b> 25-JAN-1980	<b>First Sample Examined:</b> 2828
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5309
<b>Well Name:</b> 005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5309
<b>API Well Number:</b> 177084043400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2828 - 5309	<b>Water Depth:</b> 295
<b>Public Info Code:</b> Y 09-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2828 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2829 /	DEF AT cement	DEF AT 0
3122 /	DEF AT -----	DEF AT 1
4118 /	DEF AT -----	DEF AT 3
4492 /	DEF AT sample gap top	DEF AT 0
4513 /	DEF AT sample gap bottom	DEF AT 0
4613 /	POS AT unconformity	DEF AT 0
4614 /	POS AT fault	DEF AT 0
4615 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5309 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary: 30-JAN-1980	First Sample Examined: 2780
Lease Number: G02887	Source of Paleo: OPERATOR	Borehole MD: 5755
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5280
API Well Number: 177084043201	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2780 - 5720	Water Depth: 295
Public Info Code: Y 19-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

MD / TVD	Paleo Top Description	Ecozone
2780 / 2780	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2781 / 2781	DEF AT cement	DEF AT 0
3470 / 3460	DEF AT -----	DEF AT 2
4070 / 3986	DEF AT -----	DEF AT 3
4640 / 4392	DEF AT local marker foram increase	DEF AT 4
4641 / 4392	DEF AT poor sample interval top	DEF AT 4
4939 / 4614	DEF AT poor sample interval bottom	DEF AT 4
4940 / 4614	DEF AT local marker foram increase	DEF AT 4
5030 / 4684	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5720 / 5251	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5900
<b>Well Name:</b> 007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5270
<b>API Well Number:</b> 177084043202	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 295
<b>Public Info Code:</b> Y 27-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5177 / 4852	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary: 25-JAN-1980	First Sample Examined: 2815
Lease Number: G02887	Source of Paleo: OPERATOR	Borehole MD: 5900
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5270
API Well Number: 177084043202	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 2815 - 5889	Water Depth: 295
Public Info Code: Y 27-JAN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

MD / TVD	Paleo Top Description	Ecozone
2815 / 2815	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2816 / 2816	DEF AT cement	DEF AT 0
3016 / 3016	DEF AT -----	DEF AT 2
4223 / 4153	DEF AT -----	DEF AT 3
4833 / 4618	DEF AT local marker foram increase	DEF AT 4
5053 / 4770	DEF AT local marker foram increase	DEF AT 4
5177 / 4852	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5268 / 4911	DEF AT -----	DEF AT 3
5859 / 5249	DEF AT calcite	DEF AT 0
5889 / 5264	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b> 06-OCT-1981	<b>First Sample Examined:</b> 1150
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4642
<b>Well Name:</b> 008	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4642
<b>API Well Number:</b> 177084044800	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1150 - 4642	<b>Water Depth:</b> 300
<b>Public Info Code:</b> Y 26-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	DEF AT 3
2496 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2683 /	DEF AT -----	DEF AT 2
2996 /	DEF AT -----	DEF AT 3
3395 /	DEF AT -----	DEF AT 2
3833 /	DEF AT -----	DEF AT 3
4171 /	DEF AT local marker foram increase	DEF AT 3
4329 /	DEF AT -----	DEF AT 4
4362 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4642 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 173	Date of Summary:	First Sample Examined: 0
Lease Number: G02888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5476
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5040
API Well Number: 177084041401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 317
Public Info Code: Y 30-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2570 / 2569	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4780 / 4530	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 173	<b>Date of Summary:</b> 09-NOV-1979	<b>First Sample Examined:</b> 2396
<b>Lease Number:</b> G02888	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5476
<b>Well Name:</b> 004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5040
<b>API Well Number:</b> 177084041401	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2396 - 5476	<b>Water Depth:</b> 317
<b>Public Info Code:</b> Y 30-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2396 / 2396	DEF AT cement	DEF AT 0
2606 / 2605	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2786 / 2783	DEF AT - - - - -	DEF AT 3
4996 / 4690	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5086 / 4757	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5386 / 4975	DEF AT - - - - -	DEF AT 3
5476 / 5040	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 06-MAR-1980	First Sample Examined: 1030
Lease Number: G02887	Source of Paleo: OPERATOR	Borehole MD: 5594
Well Name: 009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5387
API Well Number: 177084044602	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1030 - 5582	Water Depth: 297
Public Info Code: Y 23-MAR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	DEF AT cement	DEF AT 0
1330 / 1330	DEF AT cement	DEF AT 2
2470 / 2435	DEF AT sample gap top	DEF AT 0
2499 / 2463	DEF AT sample gap bottom	DEF AT 0
2500 / 2464	DEF AT cement	DEF AT 3
2570 / 2531	DEF AT sample gap top	DEF AT 0
2640 / 2597	DEF AT sample gap bottom	DEF AT 0
2670 / 2626	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2790 / 2740	DEF AT -----	DEF AT 2
4467 / 4324	DEF AT -----	DEF AT 4
4840 / 4677	DEF AT local marker foram increase	DEF AT 5
4903 / 4736	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5060 / 4885	DEF AT -----	DEF AT 4
5582 / 5377	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 17-APR-1986	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5594
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 5387
API Well Number: 177084044602	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 23-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4903 / 4736	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4957 / 4787	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6317
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5155
API Well Number: 177084055500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 02-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5881 / 4782	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4315
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 3917
API Well Number: 177084055700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 11-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2450 / 2264	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2916 / 2678	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4006 / 3638	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7070
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 4958
API Well Number: 177084056800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 14-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6376 / 4495	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6680 / 4695	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 174	<b>Date of Summary:</b> 24-JUL-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02887	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6933
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3603
<b>API Well Number:</b> 177084057000	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 312
<b>Public Info Code:</b> Y 25-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3315 / 2075	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4810 / 2644	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 11-OCT-1982	First Sample Examined: 7595
Lease Number: G02887	Source of Paleo: OPERATOR	Borehole MD: 7973
Well Name: A018	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4889
API Well Number: 177084057500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 7595 - 7930	Water Depth: 312
Public Info Code: Y 06-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7595 / 4696	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7900 / 4854	DEF AT local marker foram increase	DEF AT 5
7930 / 4869	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary:	First Sample Examined: 0
Lease Number: G02888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5814
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 5814
API Well Number: 177084042400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 11-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5199 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 174	<b>Date of Summary:</b> 04-JAN-1980	<b>First Sample Examined:</b> 5137
<b>Lease Number:</b> G02888	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5814
<b>Well Name:</b> 005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5814
<b>API Well Number:</b> 177084042400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5137 - 5793	<b>Water Depth:</b> 295
<b>Public Info Code:</b> Y 11-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5137 /	DEF AT first sample examined	DEF AT 4
5199 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5418 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5449 /	DEF AT local marker foram increase	DEF AT 3
5793 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 28-JAN-1980	First Sample Examined: 1130
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 6100
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6100
API Well Number: 177084042800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1130 - 6080	Water Depth: 296
Public Info Code: Y 27-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 /	DEF AT cement	DEF AT 2
1472 /	POS IN Pleistocene	DEF AT 4
1659 /	DEF AT -----	DEF AT 3
2558 /	DEF AT -----	DEF AT 2
3007 /	DEF AT -----	DEF AT 3
3039 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3318 /	DEF AT -----	DEF AT 2
5041 /	DEF AT -----	DEF AT 4
5071 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5227 /	DEF AT local marker foram increase	DEF AT 4
5317 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5440 /	DEF AT sample gap top	DEF AT 0
5469 /	DEF AT sample gap bottom	DEF AT 0
5470 /	DEF AT -----	DEF AT 4
6020 /	DEF AT local marker foram increase	DEF AT 4
6080 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary:	First Sample Examined: 0
Lease Number: G02888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5725
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 5268
API Well Number: 177084044600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 286
Public Info Code: Y 01-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2564 / 2473	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5014 / 4639	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 22-FEB-1980	First Sample Examined: 1100
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 5725
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5268
API Well Number: 177084044600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 1100 - 5725	Water Depth: 286
Public Info Code: Y 01-MAR-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT cement	DEF AT 2
1234 / 1233	DEF AT -----	DEF AT 4
1322 / 1320	POS AT Holocene recent fauna	DEF AT 4
1323 / 1321	POS IN Pleistocene	DEF AT 4
1479 / 1473	DEF AT -----	DEF AT 3
2006 / 1974	DEF AT -----	DEF AT 4
2478 / 2396	DEF AT -----	DEF AT 3
2564 / 2473	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4297 / 4003	DEF AT -----	DEF AT 4
5014 / 4639	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5725 / 5268	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary:	First Sample Examined: 0
Lease Number: G02888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5512
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 5290
API Well Number: 177084044601	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 286
Public Info Code: Y 10-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4973 / 4760	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 25-FEB-1980	First Sample Examined: 2640
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 5512
Well Name: 009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5290
API Well Number: 177084044601	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 2640 - 5480	Water Depth: 286
Public Info Code: Y 10-MAR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2640 / 2540	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2730 / 2619	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3120 / 2976	DEF AT - - - - -	DEF AT 3
4973 / 4760	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5480 / 5259	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 01-DEC-1982	First Sample Examined: 0
Lease Number: G02888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5336
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 4911
API Well Number: 177084056500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 05-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5006 / 4603	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 21-OCT-1982	First Sample Examined: 3860
Lease Number: G02889	Source of Paleo: OPERATOR	Borehole MD: 4924
Well Name: A015	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 3665
API Well Number: 177084057600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3860 - 4924	Water Depth: 312
Public Info Code: Y 19-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 2984	DEF AT first sample examined	DEF AT
3861 / 2984	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
3920 / 3027	DEF AT faunal change (no faunal increase)	DEF AT 3
4166 / 3196	DEF AT local marker foram increase	DEF AT 4
4869 / 3628	POS AT unconformity	DEF AT 5
4870 / 3629	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4924 / 3664	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 174	<b>Date of Summary:</b> 06-FEB-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02889	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5065
<b>Well Name:</b> A016	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3069
<b>API Well Number:</b> 177084058300	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 312
<b>Public Info Code:</b> Y 05-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3319 / 2118	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 12-JAN-1983	First Sample Examined: 2240
Lease Number: G05221	Source of Paleo: OPERATOR	Borehole MD: 4915
Well Name: A020	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 2621
API Well Number: 177084059200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 2240 - 4911	Water Depth: 312
Public Info Code: Y 08-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2240 / 1648	DEF AT first sample examined	DEF AT 3
3441 / 2035	DEF AT -----	DEF AT 4
3590 / 2085	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3891 / 2195	DEF AT -----	DEF AT 3
4911 / 2620	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G05221	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4915
Well Name: A020	Paleo Done By: OPERATOR	Borehole TVD: 2621
API Well Number: 177084059200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 08-FEB-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 / 2085	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 174	Date of Summary: 28-MAY-1997	First Sample Examined: 0
Lease Number: G05221	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5095
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 2903
API Well Number: 177084059400	Drilling Operator: OXY USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 312
Public Info Code: Y 28-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2563 / 1941	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SM 175 <b>Lease Number:</b> G02888 <b>Well Name:</b> 003 <b>API Well Number:</b> 177084041000 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 26-AUG-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 5586 <b>Borehole TVD:</b> 4254 <b>Rkb Elevation:</b> 83 <b>Water Depth:</b> 312 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2445 / 2259	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4989 / 3887	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 175	Date of Summary: 09-AUG-1979	First Sample Examined: 1205
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 5586
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4254
API Well Number: 177084041000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 1205 - 5586	Water Depth: 312
Public Info Code: Y 26-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1205 / 1204	POS IN Pleistocene	DEF AT 3
2445 / 2259	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3197 / 2797	DEF AT -----	DEF AT 2
4010 / 3332	DEF AT -----	DEF AT 3
4928 / 3849	DEF AT -----	DEF AT 4
4989 / 3887	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5204 / 4020	DEF AT -----	DEF AT 3
5390 / 4133	DEF AT -----	DEF AT 4
5586 / 4255	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 175	Date of Summary: 29-JAN-1980	First Sample Examined: 2440
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 4430
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4104
API Well Number: 177084043601	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2440 - 4403	Water Depth: 312
Public Info Code: Y 29-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2440 / 2439	DEF AT first sample examined	DEF AT 2
2441 / 2440	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3664 / 3520	DEF AT local marker foram increase	DEF AT 3
3881 / 3687	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4403 / 4084	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 175	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02889	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4200
<b>API Well Number:</b> 177084043600	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 69
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 312
<b>Public Info Code:</b> Y 20-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2190 / 2190	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3619 / 3618	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 175	Date of Summary: 30-JAN-1980	First Sample Examined: 2100
Lease Number: G02889	Source of Paleo: OPERATOR	Borehole MD: 4200
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4200
API Well Number: 177084043600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 69
Paleo Report Num: 2 of 3	Sample Range: 2100 - 4175	Water Depth: 312
Public Info Code: Y 20-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2100	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2442 / 2442	DEF AT -----	DEF AT 1
2999 / 2999	DEF AT sample gap top	DEF AT 0
3038 / 3038	DEF AT sample gap bottom	DEF AT 0
3039 / 3039	DEF AT -----	DEF AT 3
3619 / 3618	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4175 / 4174	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 175	Date of Summary: 25-FEB-1980	First Sample Examined: 2200
Lease Number: G02889	Source of Paleo: OPERATOR	Borehole MD: 4200
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4200
API Well Number: 177084043600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 69
Paleo Report Num: 3 of 3	Sample Range: 2200 - 3864	Water Depth: 312
Public Info Code: Y 20-FEB-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
2200 / 2200	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2380 / 2380	DEF AT -----	DEF AT 2
2923 / 2923	DEF AT -----	DEF AT 3
3460 / 3459	DEF AT local marker foram increase	DEF AT 3
3587 / 3586	DEF AT local marker foram increase	DEF AT 4
3648 / 3647	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3864 / 3863	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SM 175 <b>Lease Number:</b> G02889 <b>Well Name:</b> 002 <b>API Well Number:</b> 177084042700 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 03-JAN-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 4100 <b>Borehole TVD:</b> 4100 <b>Rkb Elevation:</b> 68 <b>Water Depth:</b> 312 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3599	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 175	Date of Summary: 03-JAN-1980	First Sample Examined: 2020
Lease Number: G02889	Source of Paleo: OPERATOR	Borehole MD: 4100
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4100
API Well Number: 177084042700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 2020 - 4100	Water Depth: 312
Public Info Code: Y 03-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2020 / 2020	DEF AT cement	DEF AT 0
2164 / 2164	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2628 / 2628	DEF AT sample gap top	DEF AT 0
3152 / 3151	DEF AT sample gap bottom	DEF AT 0
3153 / 3152	DEF AT -----	DEF AT 3
3445 / 3444	DEF AT local marker foram increase	DEF AT 4
3600 / 3599	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4100 / 4099	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 189	<b>Date of Summary:</b> 15-FEB-1988	<b>First Sample Examined:</b> 1300
<b>Lease Number:</b> G05470	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> WILLIAM W. SCHELL	<b>Borehole TVD:</b> 6000
<b>API Well Number:</b> 177084061100	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1300 - 6010	<b>Water Depth:</b> 350
<b>Public Info Code:</b> Y 22-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 /	DEF AT first sample examined	DEF AT 2
2320 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2740 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2950 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3070 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3700 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5050 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5080 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5170 /	POS AT fault	DEF AT 2
5860 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5890 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 17-DEC-1986	First Sample Examined: 4850
Lease Number: G05470	Source of Paleo: OPERATOR	Borehole MD: 12402
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12012
API Well Number: 177084067700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 4850 - 12380	Water Depth: 359
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity table available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4850 / 4849	DEF AT first sample examined	DEF AT 0
5570 / 5569	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
6650 / 6647	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
6950 / 6947	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7430 / 7427	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
8690 / 8683	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
11330 /11055	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
11960 /11614	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
12380 /11990	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 21-JAN-1987	First Sample Examined: 0
Lease Number: G05470	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12402
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12012
API Well Number: 177084067700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 359
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8540 / 8535	DEF AT first sample examined	DEF IN 5
8690 / 8683	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10940 /10709	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11090 /10843	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 23-JAN-1987	First Sample Examined: 0
Lease Number: G05470	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12402
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12012
API Well Number: 177084067700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 359
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8690 / 8683	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11270 / 11002	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11960 / 11614	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 02-JAN-1987	First Sample Examined: 8540
Lease Number: G05470	Source of Paleo: OPERATOR	Borehole MD: 11113
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11006
API Well Number: 177084067701	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 8540 - 11090	Water Depth: 359
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8540 / 8535	DEF AT first sample examined	DEF IN 5
8690 / 8685	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10940 /10933	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
11090 /11083	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 02-JAN-1987	First Sample Examined: 8540
Lease Number: G05470	Source of Paleo: OPERATOR	Borehole MD: 11113
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11006
API Well Number: 177084067701	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 8540 - 11090	Water Depth: 359
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Report=nannos; nannospecies abundance and diversity table available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8540 / 8535	DEF AT first sample examined	DEF AT 0
8720 / 8715	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
10970 /10963	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
11090 /11083	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 27-MAY-1986	First Sample Examined: 2420
Lease Number: G05471	Source of Paleo: OPERATOR	Borehole MD: 14609
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12769
API Well Number: 177084065000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 2420 - 14600	Water Depth: 365
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2420 / 2420	DEF AT first sample examined	DEF IN 3
3020 / 3020	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5510 / 5510	DEF AT -----	DEF AT 4
5600 / 5600	DEF AT -----	DEF AT 5
6590 / 6590	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9200 / 8748	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
13400 / 11900	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14600 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 189	Date of Summary: 31-JUL-1986	First Sample Examined: 0
Lease Number: G05471	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14609
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12769
API Well Number: 177084065000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 3020	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6590 / 6590	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9200 / 8748	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12382 / 11150	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
13400 / 11900	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 190	Date of Summary: 07-SEP-1984	First Sample Examined: 3020
Lease Number: G05471	Source of Paleo: OPERATOR	Borehole MD: 6334
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5849
API Well Number: 177084062100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3020 - 6260	Water Depth: 360
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 3030	DEF AT first sample examined	DEF IN 3
3200 / 3200	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5000 / 4753	DEF AT -----	DEF AT 4
6080 / 5638	DEF AT -----	DEF AT 5
6230 / 5762	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6260 / 5786	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 190	Date of Summary: 19-JUL-1988	First Sample Examined: 2500
Lease Number: G05471	Source of Paleo: OPERATOR	Borehole MD: 12903
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12800
API Well Number: 177084069500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2500 - 12903	Water Depth: 368
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF IN 3
3370 / 3370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5530 / 5530	DEF AT -----	DEF AT 4
5560 / 5560	DEF AT -----	DEF AT 3
6280 / 6280	DEF AT -----	DEF AT 5
7210 / 7210	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9790 / 9790	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12430 / 12353	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12903 / 12801	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 200	Date of Summary: 05-FEB-1986	First Sample Examined: 1563
Lease Number: G07719	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 177084064600	Drilling Operator: DIAMOND SHAMROCK OFFSHORE PARTNRES	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1563 - 13500	Water Depth: 475
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1563 /	DEF AT first sample examined	DEF IN 3
2220 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2370 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
4080 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7830 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8701 /	DEF AT anhydrite	DEF AT 5
8702 /	POS AT gouge	DEF AT 5
8760 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8880 /	DEF AT anhydrite	DEF AT 5
9870 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11010 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
13350 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13500 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 206	<b>Date of Summary:</b> 28-JUL-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05476	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7500
<b>API Well Number:</b> 177084069400	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 552
<b>Public Info Code:</b> Y 11-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 /	POS IN Pleistocene	DEF AT 0
6496 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 210	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12277
Well Name: 095	Paleo Done By: OPERATOR	Borehole TVD: 12277
API Well Number: 177074040000	Drilling Operator: TEXACO INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 19-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5900 / 5899	POS AT Upper (Late) Miocene	DEF AT 0
8700 / 8672	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 212	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12276
Well Name: 048	Paleo Done By: OPERATOR	Borehole TVD: 10842
API Well Number: 177074039700	Drilling Operator: TEXACO INC	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 27-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5800	POS AT Upper (Late) Miocene	DEF AT 0
8800 / 8587	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 212	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10730
Well Name: 105	Paleo Done By: OPERATOR	Borehole TVD: 10730
API Well Number: 177074042800	Drilling Operator: TEXACO INC	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 13-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 / 7559	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
8460 / 8459	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
8627 / 8626	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT 0
9030 / 9029	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9870 / 9869	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9960 / 9959	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 229	Date of Summary: 20-NOV-2000	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12405
Well Name: 106	Paleo Done By: OPERATOR	Borehole TVD: 10757
API Well Number: 177074042500	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 22-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11333 /10114	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 231	Date of Summary: 15-JUL-1981	First Sample Examined: 4000
Lease Number: G04434	Source of Paleo: OPERATOR	Borehole MD: 10127
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10127
API Well Number: 177074036200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 4000 - 10060	Water Depth: 18
Public Info Code: Y 09-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 1
6590 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
6920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7450 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
8380 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
8980 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
9818 /	POS AT unconformity	DEF AT 0
9819 /	POS AT fault	DEF AT 0
9820 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9970 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10060 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 231	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G04434	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10127
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10127
API Well Number: 177074036200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 09-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8380 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8980 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 0
9970 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 231	Date of Summary: 08-JUL-1985	First Sample Examined: 8000
Lease Number: G04434	Source of Paleo: OPERATOR	Borehole MD: 10995
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10995
API Well Number: 177074049500	Drilling Operator: TEXACO INC	Rkb Elevation: 66
Paleo Report Num: 1 of 2	Sample Range: 8000 - 10995	Water Depth: 17
Public Info Code: Y 09-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 1
8120 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
8630 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
8930 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
9440 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
10010 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10280 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10430 /	DEF AT -----	DEF AT 2
10490 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
10610 /	DEF AT -----	DEF AT 3
10995 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 231	Date of Summary: 10-JUL-1985	First Sample Examined: 0
Lease Number: G04434	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10995
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10995
API Well Number: 177074049500	Drilling Operator: TEXACO INC	Rkb Elevation: 66
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 09-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6271 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6495 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8120 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
8930 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10010 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10280 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10490 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 234	Date of Summary: 29-DEC-1981	First Sample Examined: 1260
Lease Number: G04436	Source of Paleo: OPERATOR	Borehole MD: 10896
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10028
API Well Number: 177074037500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1260 - 10540	Water Depth: 17
Public Info Code: Y 19-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1260 / 1260	DEF AT first sample examined	DEF IN 1
3610 / 3453	DEF AT -----	DEF AT 2
7720 / 7115	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9430 / 8680	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10240 / 9431	DEF AT -----	DEF AT 4
10270 / 9459	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10540 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 235	<b>Date of Summary:</b> 16-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02300	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17000
<b>Well Name:</b> 009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17000
<b>API Well Number:</b> 177074036500	<b>Drilling Operator:</b> SUPERIOR OIL COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 04-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7780 / 7780	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8620 / 8619	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9610 / 9609	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9790 / 9789	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10330 /10329	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11920 /11918	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13480 /13478	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
15250 /15247	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
15550 /15546	DEF AT deepwater facies Harang	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 09-JUN-1981	First Sample Examined: 4000
Lease Number: G04523	Source of Paleo: OPERATOR	Borehole MD: 15464
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15464
API Well Number: 177074035800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4000 - 13240	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	POS AT 1
4001 / 4001	DEF AT cement	POS AT 1
4060 / 4060	DEF AT faunal change (no faunal increase)	DEF AT 1
6760 / 6760	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7180 / 7180	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8230 / 8229	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
8680 / 8679	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
9249 / 9248	POS AT unconformity	DEF AT 3
9250 / 9249	DEF IN Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
9640 / 9639	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9910 / 9909	DEF AT faunal change (no faunal increase)	DEF AT 2
11020 / 11019	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11740 / 11737	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12340 / 12335	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12579 / 12573	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12580 / 12574	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
12940 / 12934	DEF AT deepwater facies Harang	DEF AT 4
13240 / 13234	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 09-JUN-1981	First Sample Examined: 11620
Lease Number: G04523	Source of Paleo: OPERATOR	Borehole MD: 15464
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15464
API Well Number: 177074035800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 11620 - 15400	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11620 /11618	DEF AT first sample examined	DEF AT 2
11740 /11737	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12370 /12365	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12520 /12514	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12940 /12934	DEF AT deepwater facies Harang	DEF AT 4
14200 /14193	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14800 /14793	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
15400 /15393	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 06-AUG-1981	First Sample Examined: 4270
Lease Number: G04523	Source of Paleo: OPERATOR	Borehole MD: 11350
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10802
API Well Number: 177074037000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4270 - 11320	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4270 / 4047	DEF AT first sample examined	DEF AT 1
7300 / 6773	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7600 / 7062	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8320 / 7774	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
9100 / 8554	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
9820 / 9273	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10420 / 9872	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
11080 / 10532	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11320 / 10772	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G04523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11350
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10802
API Well Number: 177074037000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 / 6773	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7600 / 7062	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9820 / 9273	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10420 / 9872	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11260 / 10712	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 23-SEP-1981	First Sample Examined: 4200
Lease Number: G04523	Source of Paleo: OPERATOR	Borehole MD: 10122
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9500
API Well Number: 177074037200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4200 - 10070	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4200 / 3925	DEF AT first sample examined	DEF AT 1
7340 / 6737	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7610 / 7002	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8390 / 7778	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
9140 / 8528	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
9468 / 8856	POS AT unconformity	DEF AT 0
9469 / 8857	POS AT fault	DEF AT 0
9470 / 8858	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
9980 / 9368	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
10070 / 9458	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G04523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10122
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177074037200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9140 / 8528	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9980 / 9368	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G04523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11145
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10778
API Well Number: 177074037201	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7430 / 7206	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9080 / 8785	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10070 / 9740	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 13-APR-1988	First Sample Examined: 0
Lease Number: G04523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11145
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10778
API Well Number: 177074037201	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6950 / 6746	POS IN Pliocene	DEF AT 0
7304 / 7085	POS IN Miocene	DEF AT 0
10317 / 9979	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 06-NOV-1981	First Sample Examined: 3560
Lease Number: G04523	Source of Paleo: OPERATOR	Borehole MD: 10600
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10600
API Well Number: 177074043300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 3560 - 11120	Water Depth: 20
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
3560 /	DEF AT first sample examined	DEF AT 1
7010 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7430 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8120 /	DEF AT local marker (general)	DEF AT 1
9080 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
9560 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
10070 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11120 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 24-MAR-1988	First Sample Examined: 0
Lease Number: G04523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10600
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 10600
API Well Number: 177074043300	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10200 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 235	Date of Summary: 25-MAR-1988	First Sample Examined: 0
Lease Number: G04523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10910
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 10520
API Well Number: 177074043800	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 7312	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10570 / 10217	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 01-MAR-2001	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10600
Well Name: 100	Paleo Done By: OPERATOR	Borehole TVD: 10600
API Well Number: 177074040700	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 18-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
8550 / 8550	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
8940 / 8940	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9096 / 9096	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9330 / 9330	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
9724 / 9724	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10120 / 10120	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 101	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177074042100	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 / 8870	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9630 / 9630	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10352 /10352	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11430 /11429	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11674 /11673	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 15-SEP-1983	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10490
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10490
API Well Number: 177074037700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 22-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 6569	POS AT Upper (Late) Miocene	DEF AT 0
10000 / 9999	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 06-MAY-1997	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10877
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10391
API Well Number: 177074040800	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 23-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 / 9080	DEF AT Cyclammina sp. (local marker)	DEF AT 0
10380 / 9956	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 28-OCT-1996	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12113
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11040
API Well Number: 177074040900	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 05-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9970 / 9100	DEF AT Cyclammina sp. (local marker)	DEF AT 0
10910 / 9937	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 02-MAY-1997	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10940
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10412
API Well Number: 177074041100	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 28-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9435 / 9091	DEF AT Cyclammina sp. (local marker)	DEF AT 0
9900 / 9492	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
10450 / 9972	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10720 / 10213	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 01-DEC-1983	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11400
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 10393
API Well Number: 177074044000	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 10-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6592 / 6591	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6736 / 6734	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10181 / 9500	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11186 / 10237	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12130
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 10411
API Well Number: 177074044200	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 13-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11086 / 9486	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11889 /10191	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 236	<b>Date of Summary:</b> 29-DEC-2000	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04437	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12045
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12045
<b>API Well Number:</b> 177074038000	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 35
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 16
<b>Public Info Code:</b> Y 23-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6560 /	DEF AT Upper (Late) Miocene	DEF AT 0
9400 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9710 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9920 /	DEF AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 236	Date of Summary: 30-SEP-1996	First Sample Examined: 0
Lease Number: G04437	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10987
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10399
API Well Number: 177074040200	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 07-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8760 / 8343	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8940 / 8508	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9690 / 9201	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9900 / 9395	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
10500 / 9951	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 238	Date of Summary: 30-JUN-1980	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13828
Well Name: 088	Paleo Done By: OPERATOR	Borehole TVD: 13828
API Well Number: 177074033600	Drilling Operator: TEXACO INC	Rkb Elevation: 45
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 27-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6930 / 6930	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8510 / 8509	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9140 / 9139	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9960 / 9959	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10990 / 10988	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12235 / 12229	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12655 / 12644	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
13135 / 13116	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 241	Date of Summary: 09-NOV-1982	First Sample Examined: 4530
Lease Number: 00310	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 301	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17000
API Well Number: 177074039500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4530 - 16980	Water Depth: 23
Public Info Code: Y 25-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT first sample examined	DEF AT 1
7020 / 7020	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7690 / 7690	DEF AT - - - - -	DEF AT 2
8670 / 8669	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9690 / 9689	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10050 /10049	DEF AT Eggerella sp. (local marker)	DEF AT 2
10380 /10379	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10830 /10829	DEF AT local marker foram increase	DEF AT 3
11250 /11249	DEF AT Eggerella sp. (local marker)	DEF AT 3
11910 /11909	DEF AT cement	DEF AT 0
12120 /12119	DEF AT - - - - -	DEF AT 1
12988 /12987	POS AT unconformity	DEF AT 0
12989 /12988	POS AT fault	DEF AT 0
12990 /12989	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13410 /13408	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14280 /14278	DEF AT deepwater facies Harang	DEF AT 6
14550 /14548	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
16980 /16973	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 241	Date of Summary: 12-DEC-1991	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17000
Well Name: 301	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 177074039500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 25-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7020 / 7020	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8670 / 8669	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9690 / 9689	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10380 / 10379	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11250 / 11249	DEF AT Eggerella sp. (local marker)	DEF AT 0
13410 / 13408	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
14280 / 14278	DEF AT local marker deep water fauna	DEF AT 0
14550 / 14548	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 241	Date of Summary: 18-JUL-1983	First Sample Examined: 5500
Lease Number: 00310	Source of Paleo: OPERATOR	Borehole MD: 15172
Well Name: 302	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12520
API Well Number: 177074042000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 5500 - 15090	Water Depth: 22
Public Info Code: Y 28-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5318	DEF AT first sample examined	DEF AT 1
7420 / 6781	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9000 / 8017	DEF AT - - - - -	DEF AT 2
9780 / 8600	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10530 / 9179	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
11130 / 9641	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
11610 / 10015	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
12290 / 10528	DEF AT sample gap top	DEF AT 0
12720 / 10866	DEF AT sample gap bottom	DEF AT 0
12870 / 10986	DEF AT sample gap top	DEF AT 0
13080 / 11153	DEF AT sample gap bottom	DEF AT 0
13081 / 11154	DEF AT poor sample interval top	DEF AT 0
13380 / 11393	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
15090 / 12462	DEF AT last sample examined	DEF AT 0
15091 / 12463	DEF AT poor sample interval bottom	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 241	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15172
Well Name: 302	Paleo Done By: OPERATOR	Borehole TVD: 12520
API Well Number: 177074042000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 28-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 6781	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9780 / 8600	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10520 / 9171	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11610 / 10015	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 242	Date of Summary: 30-MAR-1988	First Sample Examined: 0
Lease Number: G08689	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11281
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11278
API Well Number: 177074054500	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9530 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9860 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
9980 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10530 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 243	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G04270	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177074039900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 01-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9640 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 243	Date of Summary: 02-MAR-1998	First Sample Examined: 0
Lease Number: G04270	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 11339
API Well Number: 177074040100	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 23-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10050 / 9643	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 244	<b>Date of Summary:</b> 13-JUN-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02596	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11030
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10289
<b>API Well Number:</b> 177074031800	<b>Drilling Operator:</b> DEVON LOUISIANA CORPORATION	<b>Rkb Elevation:</b> 120
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 10-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9489 / 8829	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9567 / 8902	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 249	Date of Summary:	First Sample Examined: 0
Lease Number: G02302	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12195
Well Name: CA001	Paleo Done By: OPERATOR	Borehole TVD: 10580
API Well Number: 177074009600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 13-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8958 / 7775	POS AT Upper (Late) Miocene	DEF AT 0
10417 / 9037	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 250	Date of Summary:	First Sample Examined: 0
Lease Number: G02302	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177074006800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 13-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7794 /	POS AT Upper (Late) Miocene	DEF AT 0
9910 /	POS AT Middle Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 250	Date of Summary:	First Sample Examined: 6000
Lease Number: G02302	Source of Paleo: OPERATOR	Borehole MD: 15450
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 15450
API Well Number: 177074057500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6000 - 15480	Water Depth: 52
Public Info Code: Y 13-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT 1
7410 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7530 /	DEF AT -----	DEF AT 2
7710 /	DEF AT local marker (general)	DEF AT 2
7830 /	DEF AT -----	DEF AT 1
8460 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
9510 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
9750 /	DEF AT -----	DEF AT 2
10350 /	DEF AT -----	DEF AT 1
10620 /	DEF AT -----	DEF AT 3
10680 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
11010 /	DEF AT -----	DEF AT 1
11340 /	DEF AT -----	DEF AT 3
12510 /	DEF AT local marker (general)	DEF AT 3
12570 /	DEF AT -----	DEF AT 1
12720 /	DEF AT -----	DEF AT 2
13380 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
13530 /	DEF AT -----	DEF AT 4
13650 /	DEF AT -----	DEF AT 5
13890 /	DEF AT -----	DEF AT 3
14010 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14580 /	DEF AT -----	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 250	Date of Summary:	First Sample Examined: 6000
Lease Number: G02302	Source of Paleo: OPERATOR	Borehole MD: 15450
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 15450
API Well Number: 177074057500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6000 - 15480	Water Depth: 52
Public Info Code: Y 13-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15270 /	DEF AT -----	DEF AT 4
15480 /	DEF AT -----	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 252	Date of Summary:	First Sample Examined: 0
Lease Number: G02598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11010
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11010
API Well Number: 177074022000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 13-APR-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8185 / 8185	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9306 / 9306	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10080 / 10080	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 260	Date of Summary: 05-SEP-1980	First Sample Examined: 0
Lease Number: G02305	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12568
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12431
API Well Number: 177074026100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 13-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7471	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 260	<b>Date of Summary:</b> 17-APR-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02305	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11184
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10136
<b>API Well Number:</b> 177074031000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 24
<b>Public Info Code:</b> Y 18-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7670 / 7242	POS AT Upper (Late) Miocene	DEF AT 0
9900 / 9104	POS AT Middle Miocene	DEF AT 0
10532 / 9612	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 260	Date of Summary: 07-SEP-1995	First Sample Examined: 0
Lease Number: G02305	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13650
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177074032800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 24-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8360 / 6731	POS AT Upper (Late) Miocene	DEF AT 0
11740 / 10099	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 260	Date of Summary: 06-SEP-1997	First Sample Examined: 0
Lease Number: G02305	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12086
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 10563
API Well Number: 177074031401	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 19-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8866 / 7676	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11594 / 10120	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 267	Date of Summary: 23-JAN-1985	First Sample Examined: 0
Lease Number: G06699	Source of Paleo: OPERATOR	Borehole MD: 11728
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11728
API Well Number: 177074047600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 09-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4420 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7530 /	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8640 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8760 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9090 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9480 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9900 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10890 /	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
11190 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 267	<b>Date of Summary:</b> 19-FEB-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06699	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11728
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11728
<b>API Well Number:</b> 177074047600	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 09-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8760 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9090 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9900 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10890 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11190 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 267	<b>Date of Summary:</b> 10-NOV-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06699	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7750
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7750
<b>API Well Number:</b> 177074054300	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 09-MAY-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4094 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0
6300 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7485 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7737 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 267	Date of Summary: 22-MAR-1988	First Sample Examined: 0
Lease Number: G06699	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7004
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7004
API Well Number: 177074055000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 09-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6367 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 268	Date of Summary: 09-DEC-1977	First Sample Examined: 9830
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11060
Well Name: D007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10898
API Well Number: 177074025700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9830 - 11050	Water Depth: 27
Public Info Code: Y 08-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9830 / 9734	DEF AT first sample examined	DEF IN 3
10218 / 10106	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11050 / 10877	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 268	<b>Date of Summary:</b> 23-JUN-1978	<b>First Sample Examined:</b> 10900
<b>Lease Number:</b> G02310	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12815
<b>Well Name:</b> D012	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11187
<b>API Well Number:</b> 177074028700	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10900 - 12815	<b>Water Depth:</b> 32
<b>Public Info Code:</b> Y 22-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 / 9286	DEF AT first sample examined	DEF IN 3
10901 / 9287	DEF AT poor sample interval top	DEF AT 3
11900 /10278	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12670 /11047	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12814 /11191	DEF AT poor sample interval bottom	DEF AT 4
12815 /11192	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 268	Date of Summary: 02-JAN-1979	First Sample Examined: 9500
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11480
Well Name: D015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11117
API Well Number: 177074029900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9500 - 11400	Water Depth: 32
Public Info Code: Y 11-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9143	DEF AT first sample examined	DEF IN 2
10310 / 9949	DEF AT - - - - -	DEF AT 3
10530 /10169	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11280 /10918	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11400 /11037	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 268	<b>Date of Summary:</b> 20-FEB-1978	<b>First Sample Examined:</b> 9900
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11686
<b>Well Name:</b> D008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11271
<b>API Well Number:</b> 177074026600	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9900 - 11670	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 18-FEB-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9593	DEF AT first sample examined	DEF IN 3
10470 / 10134	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11220 / 10840	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11670 / 11255	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 268	<b>Date of Summary:</b> 03-MAR-1978	<b>First Sample Examined:</b> 9500
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11371
<b>Well Name:</b> D009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11041
<b>API Well Number:</b> 177074027100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9500 - 11371	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 26-MAR-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9178	DEF AT first sample examined	DEF IN 2
10460 / 10130	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11210 / 10880	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11371 / 11041	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 268	Date of Summary: 10-APR-1978	First Sample Examined: 10500
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13769
Well Name: D010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12784
API Well Number: 177074027500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10500 - 13690	Water Depth: 27
Public Info Code: Y 05-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 / 9523	DEF AT first sample examined	DEF IN 3
11370 /10379	DEF AT - - - - -	DEF AT 4
11430 /10439	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12060 /11069	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12850 /11859	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13690 /12699	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 268	<b>Date of Summary:</b> 25-MAY-1978	<b>First Sample Examined:</b> 9970
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13845
<b>Well Name:</b> D011	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12923
<b>API Well Number:</b> 177074028000	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9970 - 13845	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 23-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9970 / 9111	DEF AT first sample examined	DEF IN 2
11080 /10171	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11470 /10549	DEF AT sample gap top	DEF AT 0
12139 /11204	DEF AT sample gap bottom	DEF AT 0
12140 /11205	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13030 /12092	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13845 /12907	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 268	Date of Summary: 22-AUG-1978	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 12096
Well Name: D013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11293
API Well Number: 177074029100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10000 - 12090	Water Depth: 27
Public Info Code: Y 05-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9357	DEF AT first sample examined	DEF IN 3
10930 /10223	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11860 /11084	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12090 /11299	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 268	Date of Summary: 28-SEP-1978	First Sample Examined: 10270
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 12450
Well Name: D014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11546
API Well Number: 177074029700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10270 - 12430	Water Depth: 27
Public Info Code: Y 19-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10270 / 9378	DEF AT first sample examined	DEF IN 3
10990 /10088	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11620 /10717	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12430 /11527	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 274	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3900
<b>Lease Number:</b> G04822	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9653
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9653
<b>API Well Number:</b> 177074038500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 3900 - 9653	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 28-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5290 / 5290	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5700 / 5700	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 1
6390 / 6390	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
7570 / 7570	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8124 / 8124	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
9415 / 9414	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9653 / 9652	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 274	Date of Summary: 05-FEB-1982	First Sample Examined: 1000
Lease Number: G04822	Source of Paleo: OPERATOR	Borehole MD: 9653
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9653
API Well Number: 177074038500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 3	Sample Range: 1000 - 9640	Water Depth: 45
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 1
2290 / 2290	DEF AT -----	DEF AT 2
3550 / 3550	DEF AT sample gap top	DEF AT 0
4160 / 4160	DEF AT sample gap bottom	DEF AT 0
7630 / 7630	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8200 / 8200	DEF AT sample gap top	DEF AT 0
8500 / 8500	DEF AT sample gap bottom	DEF AT 0
9040 / 9040	DEF AT -----	DEF AT 3
9310 / 9309	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9640 / 9639	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 274	Date of Summary: 08-MAR-1985	First Sample Examined: 0
Lease Number: G04822	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9653
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9653
API Well Number: 177074038500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 28-AUG-1991	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3920 / 3920	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5290 / 5290	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5700 / 5700	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
6390 / 6390	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
7570 / 7570	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8124 / 8124	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
9415 / 9414	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SM 274 <b>Lease Number:</b> G04822 <b>Well Name:</b> A002 <b>API Well Number:</b> 177074047200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 28-AUG-1991</p>	<p><b>Date of Summary:</b> 22-MAR-1985 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TENNECO OIL COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8760 <b>Borehole TVD:</b> 8616 <b>Rkb Elevation:</b> 105 <b>Water Depth:</b> 45 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7711 / 7568	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8299 / 8156	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 280	Date of Summary: 16-NOV-1988	First Sample Examined: 0
Lease Number: G05197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12280
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12069
API Well Number: 177074054700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 21-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /10003	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 280	Date of Summary: 09-MAR-1988	First Sample Examined: 0
Lease Number: G05197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10732
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10722
API Well Number: 177074054701	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 21-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 19-APR-1979	First Sample Examined: 9990
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 11639
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11614
API Well Number: 177074031900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 9990 - 11400	Water Depth: 39
Public Info Code: Y 18-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9990	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10530 / 10529	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11400 / 11381	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 20-JAN-1978	First Sample Examined: 9900
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13590
Well Name: C013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13259
API Well Number: 177074024900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 9900 - 13580	Water Depth: 30
Public Info Code: Y 21-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9605	DEF AT first sample examined	DEF IN 2
10926 /10599	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11310 /10981	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12171 /11841	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12810 /12480	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13400 /13070	DEF AT local marker (general)	DEF AT 4
13580 /13250	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 281	<b>Date of Summary:</b> 20-JAN-1978	<b>First Sample Examined:</b> 12126
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13590
<b>Well Name:</b> C013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13259
<b>API Well Number:</b> 177074024900	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12126 - 13305	<b>Water Depth:</b> 30
<b>Public Info Code:</b> Y 21-JAN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12126 /11796	DEF AT first sample examined	DEF AT 4
12445 /12115	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13305 /12975	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 17-APR-1978	First Sample Examined: 9893
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 19000
Well Name: C014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17862
API Well Number: 177074026900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9893 - 19000	Water Depth: 30
Public Info Code: Y 16-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9893 / 9271	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11120 /10390	DEF AT -----	DEF AT 4
11244 /10502	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11616 /10833	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13051 /12123	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14570 /13521	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15770 /14670	DEF AT local marker (general)	DEF AT 4
17330 /16141	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
18150 /16905	DEF AT -----	DEF AT 5
19000 /17698	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 14-AUG-1978	First Sample Examined: 10388
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13430
Well Name: C015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12804
API Well Number: 177074028300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10388 - 13400	Water Depth: 30
Public Info Code: Y 01-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10388 / 9818	DEF AT first sample examined	DEF IN 3
11460 /10852	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11942 /11322	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13400 /12775	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 28-NOV-1978	First Sample Examined: 10520
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15858
Well Name: C016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15349
API Well Number: 177074029600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 10520 - 14894	Water Depth: 30
Public Info Code: Y 12-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10520 /10217	DEF AT first sample examined	DEF IN 3
10551 /10245	DEF AT sample gap top	DEF AT 0
10603 /10293	DEF AT sample gap bottom	DEF AT 0
10604 /10294	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11379 /11003	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12183 /11748	DEF AT sample gap top	DEF AT 0
12679 /12218	DEF AT sample gap bottom	DEF AT 0
14832 /14325	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14894 /14387	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 28-NOV-1978	First Sample Examined: 13559
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15858
Well Name: C016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15349
API Well Number: 177074029600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 13559 - 15850	Water Depth: 30
Public Info Code: Y 12-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13559 /13062	DEF AT first sample examined	DEF AT 4
14800 /14293	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15850 /15342	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 27-MAR-1979	First Sample Examined: 10333
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14615
Well Name: C017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13884
API Well Number: 177074030500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10333 - 14296	Water Depth: 30
Public Info Code: Y 03-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10333 / 9753	DEF AT first sample examined	DEF IN 2
11065 /10459	DEF AT sample gap top	DEF AT 0
11668 /11046	DEF AT sample gap bottom	DEF AT 0
11669 /11047	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12049 /11415	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12794 /12141	DEF AT sample gap top	DEF AT 0
12974 /12315	DEF AT sample gap bottom	DEF AT 0
13222 /12553	DEF AT sample gap top	DEF AT 0
13649 /12958	DEF AT sample gap bottom	DEF AT 0
13711 /13017	DEF AT sample gap top	DEF AT 0
13742 /13046	DEF AT sample gap bottom	DEF AT 0
13804 /13105	DEF AT sample gap top	DEF AT 0
13853 /13152	DEF AT sample gap bottom	DEF AT 0
14008 /13299	DEF AT sample gap top	DEF AT 0
14039 /13328	DEF AT sample gap bottom	DEF AT 0
14040 /13329	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14165 /13449	DEF AT sample gap top	DEF AT 0
14295 /13574	DEF AT sample gap bottom	DEF AT 0
14296 /13575	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 16-MAY-1980	First Sample Examined: 10380
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14593
Well Name: C018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13867
API Well Number: 177074033400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 10380 - 14580	Water Depth: 30
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10380 / 9935	DEF AT first sample examined	DEF IN 3
11232 /10704	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11820 /11231	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12560 /11903	DEF AT sample gap top	DEF AT 0
12697 /12028	DEF AT sample gap bottom	DEF AT 0
13090 /12398	DEF AT sample gap top	DEF AT 0
13190 /12494	DEF AT sample gap bottom	DEF AT 0
13450 /12742	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13990 /13258	DEF AT sample gap top	DEF AT 0
14105 /13369	DEF AT sample gap bottom	DEF AT 0
14580 /13834	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 25-SEP-1980	First Sample Examined: 11160
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14536
Well Name: C019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13962
API Well Number: 177074034400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 11160 - 13900	Water Depth: 38
Public Info Code: Y 11-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11160 /11137	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12110 /12012	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12320 /12197	DEF AT sample gap top	DEF AT 0
12400 /12267	DEF AT sample gap bottom	DEF AT 0
13030 /12784	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13840 /13422	DEF AT local marker (general)	DEF AT 4
13900 /13469	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 10-DEC-1980	First Sample Examined: 11000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15085
Well Name: C020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13461
API Well Number: 177074034900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 11000 - 14920	Water Depth: 38
Public Info Code: Y 22-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /10166	DEF AT first sample examined	DEF IN 2
11840 /10845	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12760 /11614	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
14050 /12686	DEF AT sample gap top	DEF AT 0
14435 /13014	DEF AT sample gap bottom	DEF AT 0
14920 /13411	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 03-APR-1981	First Sample Examined: 9996
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16330
Well Name: C021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15682
API Well Number: 177074035500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 9996 - 16293	Water Depth: 38
Public Info Code: Y 24-APR-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10118 / 9638	DEF AT sample gap top	DEF AT 0
10240 / 9757	DEF AT sample gap bottom	DEF AT 0
10660 /10165	DEF AT sample gap top	DEF AT 0
10869 /10368	DEF AT sample gap bottom	DEF AT 0
10870 /10369	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11590 /11071	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12890 /12338	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13940 /13360	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14840 /14232	DEF AT sample gap top	DEF AT 0
14930 /14319	DEF AT sample gap bottom	DEF AT 0
15530 /14902	DEF AT local marker (general)	DEF AT 4
16293 /15646	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 22-MAY-1981	First Sample Examined: 8940
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 11340
Well Name: C022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10664
API Well Number: 177074036100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 8940 - 11339	Water Depth: 38
Public Info Code: Y 17-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 / 8449	DEF AT first sample examined	DEF IN 2
8970 / 8476	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10900 /10253	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11339 /10663	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 27-JUL-1981	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14858
Well Name: C023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13661
API Well Number: 177074036800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10000 - 14858	Water Depth: 38
Public Info Code: Y 18-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 / 9482	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11726 /10965	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12363 /11508	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13563 /12532	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13623 /12586	DEF AT sample gap top	DEF AT 0
13886 /12822	DEF AT sample gap bottom	DEF AT 0
14380 /13250	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14858 /13661	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 09-NOV-1981	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16033
Well Name: C024	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15551
API Well Number: 177074037300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10000 - 16033	Water Depth: 30
Public Info Code: Y 03-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 / 9924	DEF AT first sample examined	DEF IN 2
10210 /10123	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10750 /10634	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12300 /12094	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12993 /12744	DEF AT sample gap top	DEF AT 0
13210 /12946	DEF AT sample gap bottom	DEF AT 0
13504 /13221	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14134 /13807	DEF AT sample gap top	DEF AT 0
14336 /13994	DEF AT sample gap bottom	DEF AT 0
14680 /14304	DEF AT local marker (general)	DEF AT 4
15735 /15270	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16033 /15552	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 17-MAR-1978	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15995
Well Name: E002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15144
API Well Number: 177074024600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 10000 - 13630	Water Depth: 40
Public Info Code: Y 03-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9540	DEF AT first sample examined	DEF AT 3
10001 / 9541	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11570 /11005	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12206 /11585	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13630 /12878	DEF AT last sample examined	DEF AT 4

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 17-MAR-1978	First Sample Examined: 12890
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15995
Well Name: E002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15144
API Well Number: 177074024600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 12890 - 15290	Water Depth: 40
Public Info Code: Y 03-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12890 /12202	DEF AT first sample examined	DEF AT 4
14060 /13277	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15080 /14253	DEF AT local marker (general)	DEF AT 4
15290 /14456	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 18-JUL-1978	First Sample Examined: 10339
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16132
Well Name: E004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15652
API Well Number: 177074028500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10339 - 16132	Water Depth: 40
Public Info Code: Y 16-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10339 /10012	DEF AT first sample examined	DEF IN 3
11180 /10822	DEF AT sample gap top	DEF AT 0
11349 /10983	DEF AT sample gap bottom	DEF AT 0
11350 /10984	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11794 /11409	DEF AT sample gap top	DEF AT 0
11904 /11514	DEF AT sample gap bottom	DEF AT 0
11905 /11515	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
15250 /14777	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15350 /14876	DEF AT local marker (general)	DEF AT 4
16132 /15653	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 281	<b>Date of Summary:</b> 18-OCT-1978	<b>First Sample Examined:</b> 10900
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15000
<b>Well Name:</b> E005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14410
<b>API Well Number:</b> 177074029300	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10900 - 12970	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 02-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 /10583	DEF AT first sample examined	DEF IN 2
11453 /11104	DEF AT - - - - -	DEF AT 4
11513 /11159	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11951 /11567	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12970 /12528	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 06-MAR-1979	First Sample Examined: 10500
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: E006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15336
API Well Number: 177074030100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10500 - 15625	Water Depth: 40
Public Info Code: Y 15-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 /10349	DEF AT first sample examined	DEF IN 2
10680 /10518	DEF AT faunal change (no faunal increase)	DEF AT 3
11405 /11207	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12004 /11779	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13552 /13263	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15625 /15260	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 20-JUL-1979	First Sample Examined: 10470
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16426
Well Name: E007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16106
API Well Number: 177074031600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10470 - 16428	Water Depth: 40
Public Info Code: Y 30-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10470 /10414	DEF AT first sample examined	DEF IN 3
11340 /11225	DEF AT faunal change (no faunal increase)	DEF AT 4
11370 /11253	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12130 /11948	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13083 /12830	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14000 /13697	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15792 /15474	DEF AT local marker (general)	DEF AT 4
16428 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 281	<b>Date of Summary:</b> 27-NOV-1979	<b>First Sample Examined:</b> 10490
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15832
<b>Well Name:</b> E008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15625
<b>API Well Number:</b> 177074033100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10490 - 12733	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 13-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 /10489	DEF AT first sample examined	DEF IN 2
10550 /10548	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11275 /11246	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12001 /11913	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12703 /12573	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12733 /12601	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 281	<b>Date of Summary:</b> 27-NOV-1979	<b>First Sample Examined:</b> 10600
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15832
<b>Well Name:</b> E008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15625
<b>API Well Number:</b> 177074033100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10600 - 15824	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 13-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10600 /10598	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11230 /11205	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12130 /12033	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12720 /12589	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14399 /14205	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15824 /15617	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 25-SEP-1980	First Sample Examined: 11355
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 17905
Well Name: E009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16759
API Well Number: 177074033800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 11355 - 17885	Water Depth: 40
Public Info Code: Y 21-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
11355 /10903	DEF AT first sample examined	DEF AT 4
11356 /10904	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11988 /11491	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12448 /11917	DEF AT sample gap top	DEF AT 0
12590 /12050	DEF AT sample gap bottom	DEF AT 0
14050 /13415	DEF AT sample gap top	DEF AT 0
14094 /13456	DEF AT sample gap bottom	DEF AT 0
14338 /13683	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17885 /16847	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 25-SEP-1980	First Sample Examined: 17690
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 17905
Well Name: E009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16759
API Well Number: 177074033800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 17690 - 17850	Water Depth: 40
Public Info Code: Y 21-SEP-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17690 /16699	DEF AT first sample examined	DEF AT 4
17850 /16821	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 18-FEB-1981	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16490
Well Name: E010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16015
API Well Number: 177074034800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10000 - 16471	Water Depth: 40
Public Info Code: Y 26-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9825	DEF AT first sample examined	DEF IN 2
11420 /11168	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11870 /11595	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
16471 /15997	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 28-AUG-1981	First Sample Examined: 10580
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16980
Well Name: E012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16223
API Well Number: 177074036000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 3	Sample Range: 10580 - 16705	Water Depth: 40
Public Info Code: Y 16-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10580 /10287	DEF AT first sample examined	DEF IN 2
10664 /10359	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11165 /10789	DEF AT - - - - -	DEF AT 3
11536 /11115	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12088 /11610	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13602 /12967	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14398 /13680	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15900 /15146	DEF AT local marker (general)	DEF AT 4
15944 /15190	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
16705 /15949	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 281	<b>Date of Summary:</b> 28-AUG-1981	<b>First Sample Examined:</b> 10769
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16980
<b>Well Name:</b> E012	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16223
<b>API Well Number:</b> 177074036000	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 10769 - 15345	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 16-SEP-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10769 /10448	DEF AT first sample examined	DEF AT 2
10770 /10449	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11877 /11418	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12053 /11578	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13446 /12829	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14734 /13998	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15345 /14596	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 28-AUG-1981	First Sample Examined: 14985
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16980
Well Name: E012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16223
API Well Number: 177074036000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 3 of 3	Sample Range: 14985 - 16980	Water Depth: 40
Public Info Code: Y 16-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14985 /14242	DEF AT first sample examined	DEF AT 4
15992 /15238	DEF AT local marker (general)	DEF AT 4
16980 /16223	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 281	<b>Date of Summary:</b> 03-MAR-1982	<b>First Sample Examined:</b> 10006
<b>Lease Number:</b> G02600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18020
<b>Well Name:</b> E013	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16563
<b>API Well Number:</b> 177074036600	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10006 - 18009	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 08-MAR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10006 / 9381	DEF AT first sample examined	DEF IN 3
10199 / 9554	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11143 /10366	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11784 /10920	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13138 /12118	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14800 /13581	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
18009 /16558	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 281	Date of Summary: 17-JUN-1982	First Sample Examined: 9978
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 16947
Well Name: E014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16409
API Well Number: 177074038600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 9978 - 16930	Water Depth: 40
Public Info Code: Y 16-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9978 / 9768	DEF AT first sample examined	DEF IN 2
10038 / 9824	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11734 /11366	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12212 /11801	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12861 /12400	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14923 /14399	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16026 /15500	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16570 /16043	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
16571 /16044	POS AT gouge	DEF AT 5
16660 /16133	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
16690 /16163	DEF AT - - - - -	DEF AT 6
16930 /16402	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SM 285	<b>Date of Summary:</b> 16-AUG-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06702	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13013
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13013
<b>API Well Number:</b> 177074049400	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4305 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6640 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11690 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 285	Date of Summary: 01-NOV-1985	First Sample Examined: 11610
Lease Number: G06702	Source of Paleo: OPERATOR	Borehole MD: 13013
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13013
API Well Number: 177074049400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 300 - 13013	Water Depth: 62
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11610 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 285	Date of Summary: 31-OCT-1988	First Sample Examined: 0
Lease Number: G06702	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15250
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15250
API Well Number: 177074056900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12320 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13040 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13880 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
14990 /	DEF AT deepwater facies Listerella fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SM 288	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G02316	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16291
Well Name: CB002	Paleo Done By: OPERATOR	Borehole TVD: 16041
API Well Number: 177074035700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 11-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12799 /12633	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 28	Date of Summary: 09-SEP-1980	First Sample Examined: 0
Lease Number: 00694	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: 202	Paleo Done By: OPERATOR	Borehole TVD: 8447
API Well Number: 177214017000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 25-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4566 / 4565	POS IN Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 37	Date of Summary:	First Sample Examined: 0
Lease Number: 00697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10431
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 9901
API Well Number: 177214026200	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 10-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5518	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6230 / 6108	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7270 / 7054	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
9210 / 8797	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 37	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: 00697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9385
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 9165
API Well Number: 177214027100	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 15-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Depth=TVD; paleo tops from log correlations

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5512 / 5311	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6102 / 5888	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7052 / 6834	POS AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 0
8787 / 8568	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 37	Date of Summary: 18-NOV-1983	First Sample Examined: 0
Lease Number: 00697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13369
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 12778
API Well Number: 177214028300	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 25-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5512 / 5510	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6102 / 6100	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7054 / 7052	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
9994 / 9760	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 37	Date of Summary: 24-AUG-1983	First Sample Examined: 0
Lease Number: 00697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9830
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 9642
API Well Number: 177214026700	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5540	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6320 / 6138	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7230 / 7044	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
8875 / 8689	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 37	<b>Date of Summary:</b> 08-NOV-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00697	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9935
<b>Well Name:</b> E005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9740
<b>API Well Number:</b> 177214027600	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 11-AUG-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5521 / 5497	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6232 / 6161	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7031 / 6910	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
9173 / 8980	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 37	Date of Summary: 28-DEC-1983	First Sample Examined: 0
Lease Number: 00697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9722
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 9720
API Well Number: 177214029800	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 26-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5512 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6102 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7052 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
8787 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 37	Date of Summary: 29-NOV-1983	First Sample Examined: 0
Lease Number: 00697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8404
Well Name: E008	Paleo Done By: OPERATOR	Borehole TVD: 8050
API Well Number: 177214029200	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 02-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5567 / 5511	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6139 / 6021	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7308 / 7062	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 45	<b>Date of Summary:</b> 13-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04479	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16063
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14184
<b>API Well Number:</b> 177214019800	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 223
<b>Public Info Code:</b> Y 12-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6770 / 6770	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
9870 / 9552	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
14040 / 12748	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 45	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G04479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12873
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12708
API Well Number: 177214023600	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 31-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5988	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6800 / 6798	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
10070 /10061	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12530 /12433	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 45	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G04479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14130
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12890
API Well Number: 177214027900	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 10-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5780 / 5780	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6470 / 6470	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11045 / 10371	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 01-SEP-1981	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10547
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 9304
API Well Number: 177214018000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 25-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9287 / 8232	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13015
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177214019600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 13-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10910 / 7853	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11560
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 9301
API Well Number: 177214020000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 29-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9772 / 7871	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11114 / 8948	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13723
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 9313
API Well Number: 177214021300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 21-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13194 / 8973	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13723
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 9322
API Well Number: 177214020700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 07-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10244 / 7872	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11912 / 8949	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 25-JUN-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11151
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 9306
API Well Number: 177214020800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 13-NOV-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10333 / 8488	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11042 / 9197	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 20-JUL-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11151
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 9306
API Well Number: 177214020800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 13-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10928 / 9083	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 49	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G02176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11398
Well Name: C007	Paleo Done By: OPERATOR	Borehole TVD: 9200
API Well Number: 177214018001	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 390
Public Info Code: Y 03-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10454 / 8382	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11138 / 8967	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 53	Date of Summary: 20-JUL-1988	First Sample Examined: 0
Lease Number: G06793	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13498
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10166
API Well Number: 177214036800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 370
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 / 3723	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8520 / 6377	DEF AT local marker benthic foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 55	Date of Summary: 30-JUL-1968	First Sample Examined: 1200
Lease Number: G01607	Source of Paleo: OPERATOR	Borehole MD: 13950
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13950
API Well Number: 177210099600	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1200 - 13930	Water Depth: 260
Public Info Code: Y 31-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	DEF AT 2
1950 /	DEF AT -----	DEF AT 3
2310 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4320 /	DEF AT -----	DEF AT 2
7390 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7610 /	DEF AT -----	DEF AT 2
8240 /	DEF AT -----	DEF AT 3
8270 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8600 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10990 /	DEF AT Cyclammia sp. (local marker)	DEF AT 4
11440 /	DEF AT -----	DEF AT 3
12490 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12880 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13810 /	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
13930 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 55	Date of Summary: 25-JUL-1986	First Sample Examined: 0
Lease Number: G01607	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13294
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 12981
API Well Number: 177214033900	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 31-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12972 /12705	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 55	Date of Summary: 06-JUN-1973	First Sample Examined: 0
Lease Number: G01607	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9100
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 8957
API Well Number: 177214000800	Drilling Operator: CONOCO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 31-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 4298	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 57	Date of Summary: 20-JUN-1980	First Sample Examined: 5000
Lease Number: G03416	Source of Paleo: OPERATOR	Borehole MD: 10663
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8163
API Well Number: 177212032500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 5000 - 10560	Water Depth: 143
Public Info Code: Y 07-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 3450	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 5
5720 / 3788	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6140 / 4020	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6470 / 4228	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8300 / 5816	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10560 / 8059	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 57	Date of Summary: 14-AUG-1980	First Sample Examined: 0
Lease Number: G03416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10663
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8163
API Well Number: 177212032500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 07-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5720 / 3788	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6140 / 4020	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6470 / 4228	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8300 / 5816	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 57	Date of Summary: 10-JUL-1981	First Sample Examined: 0
Lease Number: G03416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16525
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 13504
API Well Number: 177212033800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 26-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 3992	DEF AT -----	DEF AT 4
4900 / 4228	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6800 / 5673	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 05-JUL-1995	First Sample Examined: 0
Lease Number: G01608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5466
Well Name: A032	Paleo Done By: OPERATOR	Borehole TVD: 5319
API Well Number: 177212018701	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 21-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2738 / 2618	POS AT Pliocene	DEF AT 0
5519 /	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 12-APR-1993	First Sample Examined: 0
Lease Number: G01608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4352
Well Name: B026	Paleo Done By: OPERATOR	Borehole TVD: 4250
API Well Number: 177214005002	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 11-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2880 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 14-JAN-1985	First Sample Examined: 0
Lease Number: G01608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7903
Well Name: C038	Paleo Done By: OPERATOR	Borehole TVD: 6024
API Well Number: 177214005501	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 01-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3840 / 2886	POS IN Pliocene	DEF AT 0
6610 / 4878	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 22-DEC-1993	First Sample Examined: 0
Lease Number: G01608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8209
Well Name: D009	Paleo Done By: OPERATOR	Borehole TVD: 7173
API Well Number: 177214013301	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 14-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7870 / 6858	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 22-JUN-1995	First Sample Examined: 0
Lease Number: G02137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13621
Well Name: D021	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177214016701	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 22-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11080 / 7942	POS IN Pliocene	DEF AT 0
11877 / 8464	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 11-DEC-1984	First Sample Examined: 0
Lease Number: G02137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13314
Well Name: D029	Paleo Done By: OPERATOR	Borehole TVD: 9514
API Well Number: 177214012201	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 07-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 6454	POS IN Pliocene	DEF AT 0
12900 / 9155	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 60	Date of Summary: 08-JAN-1999	First Sample Examined: 0
Lease Number: G02943	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11630
Well Name: D025	Paleo Done By: OPERATOR	Borehole TVD: 7444
API Well Number: 177214018400	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 11-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7328 / 4566	DEF IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 61	Date of Summary: 21-SEP-1982	First Sample Examined: 5110
Lease Number: G01609	Source of Paleo: OPERATOR	Borehole MD: 10509
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9822
API Well Number: 177214023700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5110 - 10480	Water Depth: 222
Public Info Code: Y 25-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5110 / 4844	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5410 / 5113	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5740 / 5408	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7270 / 6787	DEF AT sample gap top	DEF AT 0
7780 / 7245	DEF AT sample gap bottom	DEF AT 0
8080 / 7515	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10480 / 9792	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 64	Date of Summary: 16-AUG-1979	First Sample Examined: 5190
Lease Number: G01901	Source of Paleo: OPERATOR	Borehole MD: 11725
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9341
API Well Number: 177234009400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5190 - 11725	Water Depth: 294
Public Info Code: Y 02-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 4497	DEF AT first sample examined	DEF AT 0
5450 / 4681	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11725 / 9372	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 67	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G01612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9975
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7600
API Well Number: 177234010701	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 25-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 / 5087	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 70	Date of Summary: 21-AUG-1981	First Sample Examined: 4200
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 7750
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 7407
API Well Number: 177234006000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4200 - 7750	Water Depth: 290
Public Info Code: Y 08-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4019	DEF AT first sample examined	DEF AT 0
4201 / 4020	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7750 / 7407	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 70	Date of Summary: 24-SEP-1981	First Sample Examined: 3240
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 7730
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 6975
API Well Number: 177234006200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3240 - 7730	Water Depth: 290
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3024	DEF AT first sample examined	DEF AT 0
3241 / 3025	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7730 / 7163	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 78	Date of Summary: 28-JAN-1998	First Sample Examined: 0
Lease Number: G02185	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13546
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 13304
API Well Number: 177224004500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 28-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11980 /11853	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12370 /12211	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 78	Date of Summary: 01-NOV-1979	First Sample Examined: 9000
Lease Number: G02185	Source of Paleo: OPERATOR	Borehole MD: 15408
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15039
API Well Number: 177224004900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 9000 - 15370	Water Depth: 227
Public Info Code: Y 11-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8993	DEF AT first sample examined	DEF IN 4
11580 /11458	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12030 /11875	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13560 /13279	DEF AT sample gap top	POS AT 4
13890 /13589	DEF AT sample gap bottom	DEF AT 4
15370 /15009	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 78	<b>Date of Summary:</b> 15-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02185	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14590
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14560
<b>API Well Number:</b> 177224005400	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 07-MAR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11920 /11902	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14410 /14380	DEF AT faunal change (no faunal increase)	DEF AT 5
14440 /14410	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 78	Date of Summary: 19-APR-1982	First Sample Examined: 0
Lease Number: G02185	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15652
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 15250
API Well Number: 177224006900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 227
Public Info Code: Y 15-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11100 /11094	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 83	<b>Date of Summary:</b> 23-FEB-1983	<b>First Sample Examined:</b> 5093
<b>Lease Number:</b> G05052	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14420
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14420
<b>API Well Number:</b> 177224008700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5093 - 11749	<b>Water Depth:</b> 505
<b>Public Info Code:</b> Y 26-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5093 /	DEF AT first sample examined	DEF AT 0
5530 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10274 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11749 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 83	Date of Summary: 01-MAR-1983	First Sample Examined: 11570
Lease Number: G05052	Source of Paleo: OPERATOR	Borehole MD: 14420
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14420
API Well Number: 177224008700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 11570 - 14420	Water Depth: 505
Public Info Code: Y 26-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11570 /	DEF AT first sample examined	DEF AT 0
14420 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 19-DEC-1977	<b>First Sample Examined:</b> 4910
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9768
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9768
<b>API Well Number:</b> 177224002600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4910 - 9740	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 13-JAN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4910 /	DEF AT first sample examined	DEF IN 4
6050 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6140 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9620 /	DEF AT anhydrite	DEF AT
9740 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 04-JUN-1980	First Sample Examined: 8310
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 13762
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13539
API Well Number: 177224002700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 8310 - 12570	Water Depth: 394
Public Info Code: Y 14-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 / 8291	DEF AT first sample examined	DEF AT 3
11400 / 11273	DEF IN Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai</i> (acme)	DEF AT 4
11730 / 11572	DEF AT <i>Eggerella</i> sp. (local marker)	DEF AT 5
12060 / 11876	DEF AT Lower Pliocene (Zanclian) <i>Buliminella</i> 1 (climbing)	DEF AT 5
12570 / 12361	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 04-JUN-1980	<b>First Sample Examined:</b> 10780
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13762
<b>Well Name:</b> A002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 13539
<b>API Well Number:</b> 177224002700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10780 - 13710	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 14-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10780 /10697	DEF AT first sample examined	DEF AT 3
11340 /11219	DEF AT Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai</i> (acme)	DEF AT 3
11790 /11627	DEF AT <i>Eggerella</i> sp. (local marker)	DEF AT 4
13110 /12890	DEF AT Lower Pliocene (Zanclian) <i>Buliminella</i> 1 (climbing)	DEF AT 5
13440 /13214	DEF AT Lower Pliocene (Zanclian) <i>Buliminella</i> 1	DEF AT 5
13590 /13362	DEF AT calcite	DEF AT 5
13710 /13480	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 05-JUL-1978	First Sample Examined: 6110
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 11749
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10282
API Well Number: 177224002800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 3	Sample Range: 6110 - 9530	Water Depth: 394
Public Info Code: Y 24-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6110 / 5058	DEF AT first sample examined	DEF IN 5
6260 / 5167	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7250 / 6003	DEF AT anhydrite	DEF AT 0
9530 / 8102	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 05-JUL-1978	First Sample Examined: 8330
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 11749
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10282
API Well Number: 177224002800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 3	Sample Range: 8330 - 10610	Water Depth: 394
Public Info Code: Y 24-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8330 / 6972	DEF AT first sample examined	DEF IN 5
10610 / 9144	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 05-JUL-1978	<b>First Sample Examined:</b> 8420
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11749
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10282
<b>API Well Number:</b> 177224002800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 8420 - 11750	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 24-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8420 / 7057	DEF AT first sample examined	DEF AT 5
11360 / 9891	DEF AT anhydrite	DEF AT 5
11750 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 16-FEB-1978	<b>First Sample Examined:</b> 8250
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10232
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10215
<b>API Well Number:</b> 177224002601	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8250 - 10230	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 19-FEB-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 / 8248	DEF AT first sample examined	DEF IN 4
9990 /	DEF AT anhydrite	DEF AT 0
9991 /	DEF AT salt	DEF AT 0
10230 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 27-DEC-1978	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15012
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13999
<b>API Well Number:</b> 177224003200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5000 - 15010	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 05-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4635	DEF AT first sample examined	DEF IN 4
5420 / 4984	DEF AT -----	DEF AT 5
5810 / 5314	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6410 / 5832	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9620 / 8645	DEF AT -----	DEF AT 3
11180 /10179	DEF AT -----	DEF AT 4
12230 /11222	DEF AT -----	DEF AT 5
15010 /13996	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 12-APR-1979	First Sample Examined: 5930
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 12822
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11806
API Well Number: 177224003800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 5930 - 12710	Water Depth: 394
Public Info Code: Y 27-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5930 / 5382	POS AT Pleistocene	DEF AT 5
6560 / 5922	DEF AT glauconite	DEF AT 5
7400 / 6649	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
7580 / 6804	POS AT -----	DEF AT 2
9440 / 8445	DEF AT -----	DEF AT 0
11480 /10466	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12530 /11515	DEF AT gypsum	DEF AT 0
12531 /11516	DEF AT salt	DEF AT 0
12590 /11575	DEF AT gypsum	DEF AT 0
12710 /11695	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 16-MAY-1980	First Sample Examined: 9320
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14383
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13865
API Well Number: 177224003901	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 9320 - 14540	Water Depth: 394
Public Info Code: Y 04-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9320 / 8847	DEF AT first sample examined	DEF AT 2
9321 / 8848	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9890 / 9416	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10430 / 9955	DEF AT sample gap top	DEF AT 0
12229 / 11749	DEF AT sample gap bottom	DEF AT 0
12230 / 11750	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12350 / 11869	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12351 / 11870	DEF AT poor sample interval top	DEF AT 4
14539 /	DEF AT poor sample interval bottom	DEF AT 0
14540 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 09-AUG-1979	First Sample Examined: 4243
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 13393
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12639
API Well Number: 177224003900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 4243 - 13330	Water Depth: 394
Public Info Code: Y 26-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4243 / 3986	DEF AT first sample examined	DEF AT 0
4244 / 3987	DEF AT cement	DEF AT 0
4300 / 4035	DEF AT -----	DEF AT 4
4510 / 4216	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5020 / 4654	DEF AT -----	DEF AT 3
5770 / 5304	DEF AT -----	DEF AT 4
5890 / 5409	DEF AT glauconite	DEF AT 4
5950 / 5462	DEF AT -----	DEF AT 3
6430 / 5884	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6730 / 6156	DEF AT -----	DEF AT 3
8410 / 7686	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12160 / 11391	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
13010 / 12237	POS AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 4
13330 / 12555	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 17-MAR-1981	<b>First Sample Examined:</b> 3670
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11993
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11432
<b>API Well Number:</b> 177224003801	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 5	<b>Sample Range:</b> 3670 - 10750	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3525	DEF AT first sample examined	DEF AT 0
3671 / 3526	DEF AT cement	DEF AT 0
3970 / 3776	DEF AT -----	DEF AT 3
4360 / 4111	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4720 / 4425	DEF AT -----	DEF AT 3
6220 / 5762	DEF AT glauconite	DEF AT 3
6910 / 6397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7030 / 6513	DEF AT -----	DEF AT 3
10210 / 9670	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10330 / 9790	DEF AT -----	DEF AT 4
10750 / 10207	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 17-MAR-1981	First Sample Examined: 3700
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 11993
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11432
API Well Number: 177224003801	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 5	Sample Range: 3700 - 12100	Water Depth: 394
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3550	DEF AT first sample examined	DEF AT 0
3701 / 3550	DEF AT cement	DEF AT 0
4060 / 3852	DEF AT -----	DEF AT 3
4540 / 4268	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5020 / 4689	DEF AT -----	DEF AT 3
6430 / 5951	DEF AT glauconite	DEF AT 3
7270 / 6745	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7390 / 6862	DEF AT -----	DEF AT 3
11200 /10649	POS AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 3
11380 /10826	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11710 /11153	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 4
11980 /11421	DEF AT local marker foram increase	DEF AT 4
11981 /11422	DEF IN Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 4
12100 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 17-MAR-1981	First Sample Examined: 10740
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 11993
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11432
API Well Number: 177224003801	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 3 of 5	Sample Range: 10740 - 11980	Water Depth: 394
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10740 /10197	DEF AT cement	DEF AT 0
11650 /11093	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 4
11980 /11421	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 17-MAR-1981	<b>First Sample Examined:</b> 11190
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11993
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11432
<b>API Well Number:</b> 177224003801	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 4 of 5	<b>Sample Range:</b> 11190 - 13200	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11190 /10639	DEF AT first sample examined	DEF AT 0
11191 /10640	DEF AT cement	DEF AT 0
11850 /11292	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 4
12810 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12840 /	DEF AT -----	DEF AT 5
13200 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 17-MAR-1981	<b>First Sample Examined:</b> 11280
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11993
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11432
<b>API Well Number:</b> 177224003801	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 5 of 5	<b>Sample Range:</b> 11280 - 11940	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 30-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 005

Remark: Report=sidetrack 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11280 /10728	DEF AT first sample examined	DEF AT 3
11281 /10729	DEF AT cement	DEF AT 3
11520 /10964	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 4
11940 /11381	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 08-APR-1981	First Sample Examined: 8910
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 12550
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12458
API Well Number: 177224006700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 8910 - 12550	Water Depth: 394
Public Info Code: Y 29-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8910 / 8834	DEF AT first sample examined	DEF AT 3
10500 /10417	DEF AT cement	DEF AT 0
10530 /10447	POS AT gypsum	DEF AT 0
10710 /10626	POS AT Eggerella sp. (local marker)	DEF AT 3
10800 /10716	DEF AT gypsum	DEF AT 0
11190 /11105	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11430 /11343	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11640 /11552	DEF AT gypsum	DEF AT 0
11641 /11553	DEF AT salt	DEF AT 0
12540 /12448	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 04-AUG-1981	First Sample Examined: 7100
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 10772
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10605
API Well Number: 177224007300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 7100 - 10740	Water Depth: 394
Public Info Code: Y 23-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6997	DEF AT first sample examined	DEF AT 3
10320 /10157	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10650 /10487	DEF AT limestone	DEF AT 0
10651 /10488	POS AT caprock	DEF AT 0
10740 /10577	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 04-AUG-1981	<b>First Sample Examined:</b> 4785
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9649
<b>Well Name:</b> A012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9557
<b>API Well Number:</b> 177224007301	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4785 - 9610	<b>Water Depth:</b> 394
<b>Public Info Code:</b> Y 28-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4785 / 4767	DEF AT first sample examined	DEF AT 4
5705 / 5668	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6400 / 6341	DEF AT -----	DEF AT 3
9520 / 9428	DEF AT caprock	DEF AT 0
9521 / 9429	DEF AT pyrite	DEF AT 0
9522 / 9430	DEF AT limestone	DEF AT 0
9610 / 9518	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 27-MAR-1980	<b>First Sample Examined:</b> 1010
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11277
<b>Well Name:</b> B001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10870
<b>API Well Number:</b> 177224005300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 1010 - 9620	<b>Water Depth:</b> 420
<b>Public Info Code:</b> Y 15-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1010 / 1010	DEF AT first sample examined	DEF IN 3
1730 / 1730	DEF AT -----	DEF AT 4
2540 / 2540	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3710 / 3710	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3800 / 3800	DEF AT -----	DEF AT 5
5780 / 5780	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6200 / 6199	DEF AT -----	DEF AT 3
6440 / 6435	DEF AT anhydrite	DEF AT 0
7340 / 7267	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9620 / 9352	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 27-MAR-1980	First Sample Examined: 8810
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 11277
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10870
API Well Number: 177224005300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 8810 - 10730	Water Depth: 420
Public Info Code: Y 15-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack; formerly well 9X

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8810 / 8623	DEF AT first sample examined	DEF IN 3
10730 / 10362	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G01618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11277
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10870
API Well Number: 177224005300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 420
Public Info Code: Y 15-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2540 / 2540	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3710 / 3710	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5880 / 5880	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10610 / 10252	DEF AT salt	DEF AT 0
11231 / 10827	DEF AT base of salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 26-JAN-1989	First Sample Examined: 0
Lease Number: G01618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15722
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 15528
API Well Number: 177224005700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 426
Public Info Code: Y 24-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5965	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7807 / 7777	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SP 89	<b>Date of Summary:</b> 04-FEB-1981	<b>First Sample Examined:</b> 3550
<b>Lease Number:</b> G01618	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15793
<b>Well Name:</b> B003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 13758
<b>API Well Number:</b> 177224006400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 3550 - 15100	<b>Water Depth:</b> 420
<b>Public Info Code:</b> Y 03-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 3546	DEF AT first sample examined	DEF AT 3
3850 / 3846	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4510 / 4506	DEF AT faunal change (no faunal increase)	DEF AT 3
5170 / 5166	DEF AT glauconite	DEF AT 4
5800 / 5794	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5950 / 5942	DEF AT faunal change (no faunal increase)	DEF AT 3
12070 / 11682	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
13029 / 12638	DEF AT Bathysiphon fauna	DEF AT 5
13030 / 12639	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13900 / 13503	DEF AT faunal change (no faunal increase)	DEF AT 4
15100 / 14694	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 04-FEB-1981	First Sample Examined: 12500
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 15793
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13758
API Well Number: 177224006400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 12500 - 16310	Water Depth: 420
Public Info Code: Y 03-FEB-1991	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12500 /12111	DEF AT first sample examined	DEF AT 3
12501 /12112	DEF AT cement	DEF AT 3
13070 /12679	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14210 /13810	DEF AT faunal change (no faunal increase)	DEF AT 4
16310 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 04-FEB-1981	First Sample Examined: 14930
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 15793
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13758
API Well Number: 177224006400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 3 of 3	Sample Range: 14930 - 15710	Water Depth: 420
Public Info Code: Y 03-FEB-1991	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14930 /14525	DEF AT first sample examined	DEF AT 4
14931 /14526	DEF AT cement	DEF AT 4
14932 /14527	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
15710 /15299	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 20-MAR-1981	First Sample Examined: 3565
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 15790
Well Name: B004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15611
API Well Number: 177224006800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3565 - 11120	Water Depth: 400
Public Info Code: Y 08-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3565 / 3565	DEF AT first sample examined	DEF AT
3566 / 3566	DEF AT cement	DEF AT
3799 / 3799	DEF AT glauconite	DEF AT 5
3800 / 3800	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4570 / 4570	DEF AT faunal change (no faunal increase)	DEF IN 3
5120 / 5120	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5779 / 5779	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5780 / 5780	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5990 / 5990	DEF AT faunal change (no faunal increase)	DEF AT 3
10220 / 10220	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
10940 / 10940	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11120 / 11120	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 29-OCT-1996	First Sample Examined: 0
Lease Number: G01618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11539
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 11177
API Well Number: 177224008500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 426
Public Info Code: Y 16-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5475 / 5443	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 17-JUN-1997	First Sample Examined: 0
Lease Number: G01618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12808
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 12184
API Well Number: 177224008600	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 426
Public Info Code: Y 23-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8055=salt (repeat)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7991 / 7732	DEF AT salt	DEF AT 0
8055 / 7787	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SP 89	Date of Summary: 26-JAN-1989	First Sample Examined: 0
Lease Number: G09369	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3577
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3577
API Well Number: 177224017300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 402
Public Info Code: Y 28-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3534 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 11	Date of Summary: 26-JUN-1992	First Sample Examined: 0
Lease Number: G11975	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17129
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17121
API Well Number: 177114108500	Drilling Operator: PIONEER NATURAL RESOURCES GPC INC	Rkb Elevation: 141
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 21-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 /10500	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11110 /11110	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13250 /13249	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14290 /14288	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
16330 /16325	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 13	Date of Summary: 10-SEP-1990	First Sample Examined: 14000
Lease Number: G09605	Source of Paleo: OPERATOR	Borehole MD: 19808
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19780
API Well Number: 177114101900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 145
Paleo Report Num: 1 of 2	Sample Range: 14000 - 19808	Water Depth: 15
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13998	DEF AT first sample examined	DEF IN 3
17870 /17847	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
19808 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 13	Date of Summary: 10-SEP-1990	First Sample Examined: 14000
Lease Number: G09605	Source of Paleo: OPERATOR	Borehole MD: 19808
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19780
API Well Number: 177114101900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 145
Paleo Report Num: 2 of 2	Sample Range: 14000 - 19808	Water Depth: 15
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13998	DEF AT first sample examined	DEF AT 0
14001 /13999	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 0
18770 /18743	POS IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
19808 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 15	<b>Date of Summary:</b> 06-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03411	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17800
<b>API Well Number:</b> 177114052200	<b>Drilling Operator:</b> QUINTANA OFFSHORE INC	<b>Rkb Elevation:</b> 47
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 12
<b>Public Info Code:</b> Y 27-SEP-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10236 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12480 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
14322 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
16310 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 15	Date of Summary: 24-FEB-1983	First Sample Examined: 0
Lease Number: G03411	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18412
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 18405
API Well Number: 177114064800	Drilling Operator: QUINTANA OFFSHORE INC	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 27-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10270 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12475 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
13320 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14290 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
16635 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
18050 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: G01441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15681
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 15567
API Well Number: 177114043500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 9
Public Info Code: Y 17-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14572 /14514	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 19-JUL-1982	First Sample Examined: 0
Lease Number: G01441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15681
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 15567
API Well Number: 177114043500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 9
Public Info Code: Y 17-DEC-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14402 /14350	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G01441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15344
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 14923
API Well Number: 177114043800	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 06-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14556 /14297	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 23-MAR-1982	First Sample Examined: 0
Lease Number: G01441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14035
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 14035
API Well Number: 177114045900	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 21-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13251 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
13252 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G01441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14035
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 14035
API Well Number: 177114045900	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 37
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 21-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13560 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: G01441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13758
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 13666
API Well Number: 177114060000	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 9
Public Info Code: Y 09-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13575 /13574	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 26	<b>Date of Summary:</b> 11-NOV-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05530	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17759
<b>API Well Number:</b> 177114092400	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 9
<b>Public Info Code:</b> Y 25-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 /12983	DEF AT -----	DEF AT 3
13750 /13732	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14740 /14722	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
17550 /17511	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 26	<b>Date of Summary:</b> 25-JUL-1990	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G05530	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19233
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18700
<b>API Well Number:</b> 177114099100	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 10000 - 16050	<b>Water Depth:</b> 9
<b>Public Info Code:</b> Y 25-MAY-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9999	DEF AT first sample examined	DEF IN 2
10320 /10319	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10620 /10619	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12840 /12839	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14790 /14784	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
14880 /14874	DEF AT -----	DEF AT 4
15510 /15491	DEF AT -----	DEF AT 3
16050 /15999	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 25-JUL-1990	First Sample Examined: 14000
Lease Number: G05530	Source of Paleo: OPERATOR	Borehole MD: 19233
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18700
API Well Number: 177114099100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 3	Sample Range: 14000 - 16960	Water Depth: 9
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13999	DEF AT first sample examined	DEF AT 3
14810 /14804	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15320 /15309	DEF AT -----	DEF AT 3
16960 /16817	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 26	Date of Summary: 25-JUL-1990	First Sample Examined: 16910
Lease Number: G05530	Source of Paleo: OPERATOR	Borehole MD: 19233
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18700
API Well Number: 177114099100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 3 of 3	Sample Range: 16910 - 18746	Water Depth: 9
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16910 /16772	DEF AT first sample examined	DEF IN 3
17570 /17373	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
18746 /18474	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 27	Date of Summary: 20-AUG-1981	First Sample Examined: 0
Lease Number: 00347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17638
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17638
API Well Number: 177114055600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 02-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10220 /10218	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10760 /10758	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11750 /11748	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14330 /14328	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16640 /16638	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 27	Date of Summary: 05-FEB-1982	First Sample Examined: 13500
Lease Number: 00347	Source of Paleo: OPERATOR	Borehole MD: 18383
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18383
API Well Number: 177114058900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 63
Paleo Report Num: 1 of 2	Sample Range: 13500 - 18370	Water Depth: 15
Public Info Code: Y 18-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13500 /	DEF AT first sample examined	DEF IN 3
14250 /	DEF AT faunal change (no faunal increase)	DEF AT 4
14460 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17770 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
18370 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 27	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: 00347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17250
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 17250
API Well Number: 177114062400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 26-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11500 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12640 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13390 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
14380 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
16600 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 27	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: 00347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17600
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 17600
API Well Number: 177114064400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 26-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13330 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14290 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
17590 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 28	Date of Summary:	First Sample Examined: 0
Lease Number: 00346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17500
Well Name: 033	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 177114037200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 36
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 04-JUL-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /	DEF AT -----	DEF AT 2
10400 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
12410 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
13130 /	DEF AT -----	DEF AT 4
13220 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 4
14120 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17315 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 28	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00346	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12917
<b>Well Name:</b> 034	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12917
<b>API Well Number:</b> 177114044100	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 36
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 12
<b>Public Info Code:</b> Y 24-NOV-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 9979	DEF AT -----	DEF AT 3
10490 / 10489	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12760 / 12759	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 28	Date of Summary:	First Sample Examined: 0
Lease Number: 00346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16470
Well Name: 035	Paleo Done By: OPERATOR	Borehole TVD: 16470
API Well Number: 177114044400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 21-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13120 /13119	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
14150 /14148	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 28	<b>Date of Summary:</b> 06-OCT-1981	<b>First Sample Examined:</b> 12000
<b>Lease Number:</b> 00346	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17786
<b>Well Name:</b> 036	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17786
<b>API Well Number:</b> 177114047800	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 56
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 12000 - 17430	<b>Water Depth:</b> 15
<b>Public Info Code:</b> Y 10-SEP-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
12990 /	DEF AT sample gap top	DEF AT 0
13350 /	DEF AT sample gap bottom	DEF AT 0
13530 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
14130 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17430 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 28	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: 00346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17786
Well Name: 036	Paleo Done By: OPERATOR	Borehole TVD: 17786
API Well Number: 177114047800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 56
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 10-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
12000 /	DEF AT -----	DEF AT 3
13000 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
14130 /	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 28	Date of Summary: 30-NOV-1984	First Sample Examined: 0
Lease Number: 00346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10700
Well Name: 038	Paleo Done By: OPERATOR	Borehole TVD: 10700
API Well Number: 177114047000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 11-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /10009	DEF AT -----	DEF AT 2
10160 /10159	DEF AT -----	DEF AT 3
10220 /10219	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10460 /10459	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 33	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00336	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11185
<b>Well Name:</b> 011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11185
<b>API Well Number:</b> 177114034200	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 58
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 19
<b>Public Info Code:</b> Y 10-FEB-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8200 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
10280 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10520 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 38	Date of Summary: 10-SEP-1984	First Sample Examined: 0
Lease Number: G05531	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13650
API Well Number: 177114078600	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10170 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 52	Date of Summary: 04-SEP-1987	First Sample Examined: 0
Lease Number: G05532	Source of Paleo: OPERATOR	Borehole MD: 18555
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18541
API Well Number: 177114091800	Drilling Operator: TEXACO INC	Rkb Elevation: 41
Paleo Report Num: 1 of 2	Sample Range: 8000 - 18555	Water Depth: 16
Public Info Code: Y 13-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9350 / 9349	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9770 / 9769	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
10420 /10419	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
11350 /11349	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
11500 /11499	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
12220 /12219	DEF AT local marker foram increase	DEF AT 1
12580 /12579	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
14980 /14979	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
15430 /15429	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
16840 /16835	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
17260 /17255	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
17350 /17345	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
17590 /17584	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
17890 /17883	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 52	Date of Summary: 05-JAN-1988	First Sample Examined: 0
Lease Number: G05532	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18555
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18541
API Well Number: 177114091800	Drilling Operator: TEXACO INC	Rkb Elevation: 41
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 13-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9350 / 9349	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9770 / 9769	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10420 /10419	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11350 /11349	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11500 /11499	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12580 /12579	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
13330 /13329	DEF AT deepwater facies Listerella fauna	DEF AT 0
14980 /14979	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
15430 /15429	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
16840 /16835	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
17590 /17584	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
17890 /17883	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 57	Date of Summary: 07-JUL-1988	First Sample Examined: 0
Lease Number: G08704	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12193
API Well Number: 177114094900	Drilling Operator: CONOCO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 25-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9720 / 9572	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10110 / 9937	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10620 /10418	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11790 /11531	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 0
12300 /12008	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 62	Date of Summary: 22-OCT-1990	First Sample Examined: 8000
Lease Number: G07747	Source of Paleo: OPERATOR	Borehole MD: 13805
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12713
API Well Number: 177114103600	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 8000 - 13790	Water Depth: 26
Public Info Code: Y 18-OCT-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 / 7992	DEF AT first sample examined	DEF IN 2
10880 /10461	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10940 /10504	DEF AT -----	DEF AT 4
11240 /10722	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12055 /11326	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12235 /11460	DEF AT sample gap top	DEF AT 0
12715 /11819	DEF AT sample gap bottom	DEF AT 0
13790 /12699	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 62	Date of Summary: 18-MAR-1991	First Sample Examined: 0
Lease Number: G07747	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13805
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12713
API Well Number: 177114103600	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 18-OCT-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10880 /10461	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11240 /10722	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12055 /11326	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12153 /11399	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 63	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: 00057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14430
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13192
API Well Number: 177114046400	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 46
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 26-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 /10349	POS AT Upper (Late) Miocene	DEF AT 0
10572 /10351	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 63	<b>Date of Summary:</b> 11-APR-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00057	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14430
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13192
<b>API Well Number:</b> 177114046400	<b>Drilling Operator:</b> MOBIL EXPLORATION AND PRODUCIN	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 33
<b>Public Info Code:</b> Y 26-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10550 /10334	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12210 /11588	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13050 /12165	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 0
14070 /12942	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 63	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: 00057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12671
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 12671
API Well Number: 177114059000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 13-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10520 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11880 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 63	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: 00057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12356
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 11691
API Well Number: 177114067900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 14-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 / 4630	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 63	Date of Summary: 28-JUN-1995	First Sample Examined: 0
Lease Number: G12345	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14827
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13198
API Well Number: 177114049900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 24-APR-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10940 /10366	POS AT Upper (Late) Miocene	DEF AT 0
10941 /10367	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10942 /10367	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 69	Date of Summary: 04-AUG-1987	First Sample Examined: 9010
Lease Number: G03577	Source of Paleo: OPERATOR	Borehole MD: 15035
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15035
API Well Number: 177114046500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 9010 - 15040	Water Depth: 30
Public Info Code: Y 20-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9010 /	DEF AT first sample examined	DEF AT 2
9520 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9800 /	DEF AT -----	DEF AT 2
10090 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11900 /	DEF AT -----	DEF AT 3
13270 /	DEF AT -----	DEF AT 4
13330 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
13360 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
14650 /	DEF AT -----	DEF AT 5
14800 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
15040 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 69	Date of Summary: 26-SEP-1997	First Sample Examined: 0
Lease Number: G03577	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12926
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12926
API Well Number: 177114067500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 09-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4355 /	POS AT Upper Pliocene	DEF AT 0
9521 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 69	Date of Summary: 17-APR-2000	First Sample Examined: 0
Lease Number: G03577	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13631
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12448
API Well Number: 177114072400	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 25-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4370	DEF AT Pliocene	DEF AT 0
9480 / 9443	DEF AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 72	Date of Summary: 11-APR-1984	First Sample Examined: 0
Lease Number: 00058	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12637
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11229
API Well Number: 177114048000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 09-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9350 / 9090	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12590 / 11203	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 73	Date of Summary: 28-DEC-1990	First Sample Examined: 0
Lease Number: G09609	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6531
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5292
API Well Number: 177114104700	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4436 / 3828	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 78	Date of Summary: 28-JUN-1993	First Sample Examined: 0
Lease Number: G09611	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13253
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12307
API Well Number: 177114111300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9950 / 9882	DEF AT faunal change (no faunal increase)	DEF AT 0
10100 /10008	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10700 /10467	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10820 /10556	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11720 /11195	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12170 /11507	DEF AT faunal change (no faunal increase)	DEF AT 0
12410 /11676	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 79	Date of Summary: 27-OCT-1987	First Sample Examined: 0
Lease Number: G05536	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13104
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12619
API Well Number: 177114092600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9840 / 9839	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 79	Date of Summary: 12-APR-1988	First Sample Examined: 0
Lease Number: G05536	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13478
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12990
API Well Number: 177114094200	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11330 /11306	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11600 /11543	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12010 /11877	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 84	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G03160	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13640
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12343
API Well Number: 177114035700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 19-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11150 /10168	POS AT Upper (Late) Miocene	DEF AT 0
11151 /10169	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 86	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G03580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12542
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12233
API Well Number: 177114039400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 25-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9290 / 9109	POS AT Upper (Late) Miocene	DEF AT 0
9291 / 9110	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 91	<b>Date of Summary:</b> 01-JAN-1979	<b>First Sample Examined:</b> 4800
<b>Lease Number:</b> G02919	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12312
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12312
<b>API Well Number:</b> 177114044600	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4800 - 11850	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 25-FEB-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT first sample examined	DEF AT 1
5910 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7950 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8310 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8700 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9240 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9780 /	DEF AT local marker foram increase	DEF AT 3
9781 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10200 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10440 /	DEF AT local marker benthic foram increase	DEF AT 3
10441 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10890 /	DEF AT local marker foram increase	DEF AT 4
10980 /	DEF AT local marker foram decrease	POS AT 3
11670 /	DEF AT deepwater facies Listerella fauna	DEF AT 5
11850 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 91	Date of Summary: 01-OCT-1979	First Sample Examined: 2980
Lease Number: G02919	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177114044300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 2980 - 12500	Water Depth: 35
Public Info Code: Y 13-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2980 /	DEF AT first sample examined	DEF AT 0
3180 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
4240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5610 /	DEF AT sample gap top	DEF AT 0
5770 /	DEF AT sample gap bottom	DEF AT 0
6550 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7660 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
8890 /	POS AT fault	DEF AT 0
8980 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9010 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9340 /	DEF AT Arenaceous fauna (local marker)	DEF AT 0
9430 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9910 /	DEF AT limestone	DEF AT 0
9911 /	POS AT unconformity	DEF AT 0
10510 /	DEF AT Cyclammina sp. (local marker)	DEF AT 0
10660 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11080 /	DEF AT cement	DEF AT 0
11380 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12100 /	DEF AT local marker foram increase	DEF AT 0
12130 /	DEF AT Arenaceous fauna (local marker)	DEF AT 0
12310 /	DEF AT cement	DEF AT 0

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 91	<b>Date of Summary:</b> 01-OCT-1979	<b>First Sample Examined:</b> 2980
<b>Lease Number:</b> G02919	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12500
<b>API Well Number:</b> 177114044300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2980 - 12500	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 13-NOV-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12490 /	DEF AT poor sample interval top	DEF AT 0
12500 /	DEF AT poor sample interval bottom	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 91	Date of Summary: 01-MAY-1981	First Sample Examined: 2980
Lease Number: G02919	Source of Paleo: OPERATOR	Borehole MD: 12600
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11381
API Well Number: 177114055900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 2980 - 12610	Water Depth: 36
Public Info Code: Y 12-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2980 / 2788	DEF AT first sample examined	DEF AT 0
3820 / 3530	DEF AT local marker foram increase	DEF AT 0
4000 / 3690	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4900 / 4501	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6580 / 5990	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6940 / 6312	DEF AT local marker foram increase	DEF AT 0
7330 / 6660	DEF AT cement	DEF AT 0
9790 / 8886	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9820 / 8913	DEF AT local marker foram increase	DEF AT 0
9970 / 9047	DEF AT Cyclammina sp. (local marker)	DEF AT 0
10150 / 9209	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11020 / 9998	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11230 / 10190	DEF AT local marker foram increase	DEF AT 0
11530 / 10456	DEF AT cement	DEF AT 0
11840 / 10726	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12389 / 11206	DEF AT pyrite	DEF AT 0
12490 / 11294	POS AT unconformity	DEF AT 0
12491 / 11295	DEF AT local marker foram increase	DEF AT 0
12610 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 91	Date of Summary: 01-AUG-1981	First Sample Examined: 9500
Lease Number: G02919	Source of Paleo: OPERATOR	Borehole MD: 15066
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13506
API Well Number: 177114058200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 9500 - 15066	Water Depth: 36
Public Info Code: Y 06-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9037	DEF AT first sample examined	DEF AT 2
9650 / 9180	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9740 / 9266	POS AT volcanics	DEF AT 3
9860 / 9380	DEF AT -----	DEF AT 1
10110 / 9618	DEF AT poor sample interval top	DEF AT 0
10370 / 9863	DEF AT poor sample interval bottom	DEF AT 0
10550 /10031	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
10670 /10143	DEF AT -----	DEF AT 2
10910 /10364	DEF AT -----	DEF AT 1
11270 /10665	DEF AT -----	DEF AT 2
11360 /10738	POS AT Cyclammina sp. (local marker)	DEF AT 2
11510 /10859	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11540 /10883	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11870 /11134	DEF AT cement	DEF AT 0
12560 /11637	DEF AT local marker foram increase	DEF AT 3
12860 /11848	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
12950 /11913	DEF AT -----	DEF AT 2
13460 /12281	DEF AT -----	DEF AT 3
13520 /12324	DEF AT cement	DEF AT 0
14120 /12776	DEF AT Eggerella 3 (local marker)	DEF AT 4
14690 /13209	DEF AT local marker deep water fauna	DEF AT 5
14720 /13232	DEF IN local marker deep water fauna	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 91	<b>Date of Summary:</b> 01-AUG-1981	<b>First Sample Examined:</b> 9500
<b>Lease Number:</b> G02919	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15066
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13506
<b>API Well Number:</b> 177114058200	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9500 - 15066	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 06-NOV-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14780 /13277	DEF AT deepwater facies Listerella fauna	DEF AT 5
14990 /13434	DEF AT local marker deep water fauna	DEF AT 5
15050 /13479	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 91	Date of Summary: 02-FEB-1982	First Sample Examined: 9700
Lease Number: G02919	Source of Paleo: OPERATOR	Borehole MD: 12170
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 11102
API Well Number: 177114059200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 17-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 8797	DEF AT poor sample interval top	DEF AT 0
10140 / 9206	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10680 / 9708	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11100 / 10093	DEF AT local marker foram increase	DEF AT 0
11940 / 10883	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12169 /	DEF AT poor sample interval bottom	DEF AT 0
12170 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 91	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: G02919	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12170
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 11102
API Well Number: 177114059200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 17-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 / 9708	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 93	Date of Summary: 30-DEC-1983	First Sample Examined: 0
Lease Number: 00063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14396
Well Name: 031	Paleo Done By: OPERATOR	Borehole TVD: 14372
API Well Number: 177114065100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 06-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8060 / 8052	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11900 /11881	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12700 /12679	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13860 /13837	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 93 <b>Lease Number:</b> 00063 <b>Well Name:</b> 032 <b>API Well Number:</b> 177114039000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-APR-1988	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL & GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 15291 <b>Borehole TVD:</b> 15291 <b>Rkb Elevation:</b> 121 <b>Water Depth:</b> 52 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12110 /12097	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12854 /12831	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13890 /13861	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14577 /14547	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 93	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00063	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14879
<b>Well Name:</b> 033	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14879
<b>API Well Number:</b> 177114041000	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 24-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11958 /11955	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13514 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 93	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00063	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14879
<b>Well Name:</b> 033	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14879
<b>API Well Number:</b> 177114041000	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 24-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7970 / 7970	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11958 / 11955	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12874 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13514 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
14040 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 93	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00063	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13335
<b>Well Name:</b> 034	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13335
<b>API Well Number:</b> 177114042600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 126
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 24
<b>Public Info Code:</b> Y 07-SEP-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7999 / 7997	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11903 /11899	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12383 /12379	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12822 /12818	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13209 /13205	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 93	Date of Summary:	First Sample Examined: 0
Lease Number: 00063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13346
Well Name: 035	Paleo Done By: OPERATOR	Borehole TVD: 13015
API Well Number: 177114042601	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 12-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12042 /11753	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12742 /12383	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13177 /12778	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 93	<b>Date of Summary:</b> 27-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00063	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14650
<b>Well Name:</b> 036	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14629
<b>API Well Number:</b> 177114067400	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 28
<b>Public Info Code:</b> Y 05-FEB-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11900 /11890	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12570 /12560	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13300 /13288	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13900 /13885	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 93	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: 00063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13913
Well Name: 038	Paleo Done By: OPERATOR	Borehole TVD: 13913
API Well Number: 177114069000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 23-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8208 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11508 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11988 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12665 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12985 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
13830 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 93	<b>Date of Summary:</b> 16-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00063	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13900
<b>Well Name:</b> 039	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13789
<b>API Well Number:</b> 177114051900	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 127
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 27-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12080 /12058	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13030 /13008	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13760 /13737	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 93	Date of Summary: 25-OCT-1983	First Sample Examined: 0
Lease Number: 00063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13812
Well Name: 040	Paleo Done By: OPERATOR	Borehole TVD: 13667
API Well Number: 177114069601	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 05-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11375 /11302	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12320 /12188	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12570 /12435	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 93	Date of Summary: 06-JAN-1984	First Sample Examined: 0
Lease Number: 00063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14508
Well Name: 044	Paleo Done By: OPERATOR	Borehole TVD: 13440
API Well Number: 177114071100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 10-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11380 /11206	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12650 /12123	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
14400 /13352	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 94	Date of Summary:	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14730
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 14730
API Well Number: 177114038600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 04-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12539 /12534	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12805 /12800	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 94	Date of Summary:	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14629
Well Name: 017	Paleo Done By: OPERATOR	Borehole TVD: 14025
API Well Number: 177114047700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11968 /11837	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12892 /12576	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 94	Date of Summary: 11-MAR-1997	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13520
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 13401
API Well Number: 177114053500	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 20-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10358 /10357	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
11384 /11365	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
11838 /11793	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12135 /12072	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 94	Date of Summary:	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13041
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 12579
API Well Number: 177114046300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 17-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8242 / 8238	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10340 /10259	DEF AT Eggerella 3 (local marker)	DEF AT 0
10341 /10260	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11912 /11573	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12681 /12247	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 97	Date of Summary: 04-MAR-1985	First Sample Examined: 0
Lease Number: G06737	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13242
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12607
API Well Number: 177114081100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4889	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10470 /10288	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11250 /10947	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11815 /11414	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12430 /11927	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 97	Date of Summary: 26-MAR-1985	First Sample Examined: 0
Lease Number: G06737	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14395
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12978
API Well Number: 177114082500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4875 / 4874	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5630 / 5629	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6390 / 6389	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7850 / 7849	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
8796 / 8782	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9390 / 9346	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
10562 / 10304	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11355 / 10882	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12057 / 11340	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12785 / 11843	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 97	Date of Summary: 08-OCT-1985	First Sample Examined: 0
Lease Number: G06737	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14395
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12978
API Well Number: 177114082500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Per telephone conversation with Tenneco; in=sand

MD / TVD	Paleo Top Description	Ecozone
4875 / 4874	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5630 / 5629	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6390 / 6389	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7850 / 7849	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
8796 / 8782	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9390 / 9346	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
10562 / 10304	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11355 / 10882	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12057 / 11340	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12302 / 11504	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12785 / 11843	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
13280 / 12198	DEF AT ash	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 113	Date of Summary: 21-JAN-1986	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8070
Well Name: 034	Paleo Done By: OPERATOR	Borehole TVD: 8012
API Well Number: 177114053200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 08-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4715 / 4669	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 113	Date of Summary: 04-JUN-1980	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14245
Well Name: 035	Paleo Done By: OPERATOR	Borehole TVD: 13433
API Well Number: 177114049600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 31-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8190 / 8187	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9400 / 9394	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12606 /12176	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13815 /13068	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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End Date: 31-DEC-1993

Area Block: SS 113	Date of Summary:	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7981
Well Name: 036	Paleo Done By: OPERATOR	Borehole TVD: 7903
API Well Number: 177114046100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 05-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5977 / 5927	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 113	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8270
Well Name: 037	Paleo Done By: OPERATOR	Borehole TVD: 8204
API Well Number: 177114051600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 29-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5177 / 5177	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5887 / 5885	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 113	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15279
Well Name: 039	Paleo Done By: OPERATOR	Borehole TVD: 14299
API Well Number: 177114068500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 13-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8440 / 8439	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
10355 / 10350	DEF AT Eggerella sp. (local marker)	DEF AT 0
12290 / 12221	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
13250 / 12894	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
14300 / 13605	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
14730 / 13898	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0
14869 / 13997	DEF AT gouge	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary:	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8400
Well Name: 041	Paleo Done By: OPERATOR	Borehole TVD: 8193
API Well Number: 177114048500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 19-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7770 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
7920 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10563
Well Name: 042	Paleo Done By: OPERATOR	Borehole TVD: 10362
API Well Number: 177114052800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 18-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4539	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8400 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9547
Well Name: 043	Paleo Done By: OPERATOR	Borehole TVD: 9461
API Well Number: 177114057300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 17-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 7609	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15128
Well Name: 044	Paleo Done By: OPERATOR	Borehole TVD: 15107
API Well Number: 177114052500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 04-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5183 / 5183	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7807 / 7806	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9760 / 9753	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12010 /11999	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12926 /12911	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
14170 /14152	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
14553 /14533	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
15030 /15010	DEF AT gouge	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 30-JUN-1995	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12200
Well Name: 046	Paleo Done By: OPERATOR	Borehole TVD: 11766
API Well Number: 177114065200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 161
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 10-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9760 / 9562	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 16-FEB-1983	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8103
Well Name: 047	Paleo Done By: OPERATOR	Borehole TVD: 8091
API Well Number: 177114061600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 21-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 28-AUG-1981	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10872
Well Name: 052	Paleo Done By: OPERATOR	Borehole TVD: 10731
API Well Number: 177114056600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 19-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 7196	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9195 / 9179	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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End Date: 31-DEC-1993

Area Block: SS 114	Date of Summary: 28-AUG-1981	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9449
Well Name: U001	Paleo Done By: OPERATOR	Borehole TVD: 9444
API Well Number: 177114056400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 28-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7310 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8690 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 115	Date of Summary: 07-JUN-1978	First Sample Examined: 8990
Lease Number: G02619	Source of Paleo: OPERATOR	Borehole MD: 15990
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15530
API Well Number: 177114038900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 8990 - 15640	Water Depth: 57
Public Info Code: Y 01-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8989	DEF AT first sample examined	DEF IN 3
9500 / 9498	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11900 /11892	DEF AT -----	DEF AT 4
14020 /13777	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
15640 /15218	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 115	Date of Summary: 07-JUN-1978	First Sample Examined: 15010
Lease Number: G02619	Source of Paleo: OPERATOR	Borehole MD: 15990
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15530
API Well Number: 177114038900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 76
Paleo Report Num: 2 of 2	Sample Range: 15010 - 15760	Water Depth: 57
Public Info Code: Y 01-JUL-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15010 /14658	DEF AT first sample examined	DEF AT 4
15760 /15325	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 117	<b>Date of Summary:</b> 05-NOV-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00064	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12973
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12827
<b>API Well Number:</b> 177114057900	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 53
<b>Public Info Code:</b> Y 21-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5105 / 5105	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5106 / 5106	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11345 /11341	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11346 /11342	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 117	<b>Date of Summary:</b> 28-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00065	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11413
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11398
<b>API Well Number:</b> 177114060500	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 54
<b>Public Info Code:</b> Y 11-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5086 /	POS AT Upper Pliocene	DEF AT 0
7480 /	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
11100 /	DEF AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 117	Date of Summary: 19-AUG-1991	First Sample Examined: 0
Lease Number: G08441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14986
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14979
API Well Number: 177114106200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 06-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8060 / 8060	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
10330 /10329	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
12110 /12107	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12940 /12936	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
13320 /13315	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
13950 /13944	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
14750 /14743	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 118	Date of Summary: 16-FEB-1983	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10270
Well Name: 038	Paleo Done By: OPERATOR	Borehole TVD: 10244
API Well Number: 177114063900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 12-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8720 / 8713	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10075 / 10051	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 118 <b>Lease Number:</b> 00068 <b>Well Name:</b> 003 <b>API Well Number:</b> 177114042800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 26-JAN-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL & GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10165 <b>Borehole TVD:</b> 10143 <b>Rkb Elevation:</b> 114 <b>Water Depth:</b> 53 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 / 5555	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7549 / 7527	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8888 / 8866	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9455 / 9433	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 118	Date of Summary:	First Sample Examined: 0
Lease Number: 00068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9575
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9558
API Well Number: 177114046900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 08-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5191 / 5191	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8810 / 8809	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SS 118 <b>Lease Number:</b> 00068 <b>Well Name:</b> 005 <b>API Well Number:</b> 177114047400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 19-SEP-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ODECO OIL &amp; GAS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9886 <b>Borehole TVD:</b> 8034 <b>Rkb Elevation:</b> 57 <b>Water Depth:</b> 50 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5319 / 5318	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8059 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9060 /	DEF AT Eggerella 3 (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 118	Date of Summary: 27-AUG-1980	First Sample Examined: 0
Lease Number: 00068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9350
API Well Number: 177114052100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 04-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 / 7590	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9250 / 9247	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 118	<b>Date of Summary:</b> 07-MAY-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08442	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12575
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12568
<b>API Well Number:</b> 177114105600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 54
<b>Public Info Code:</b> Y 25-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7910 / 7910	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10090 /10086	DEF AT Cyclammina sp. (local marker)	DEF AT 0
11500 /11495	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12160 /12154	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12490 /12482	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 119	Date of Summary: 29-NOV-1982	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9275
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9275
API Well Number: 177114064700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 09-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8987 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 119	<b>Date of Summary:</b> 16-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00069	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9977
<b>Well Name:</b> 014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9968
<b>API Well Number:</b> 177114063400	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 13-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6144 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9500 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
9770 /	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 120	Date of Summary: 10-DEC-1984	First Sample Examined: 0
Lease Number: G05545	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6065
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6064
API Well Number: 177114072600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 08-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 129	Date of Summary: 10-JAN-1986	First Sample Examined: 0
Lease Number: G07751	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12342
API Well Number: 177114087700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9610 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11112 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11770 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
12050 /	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
12280 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 129	Date of Summary: 10-JAN-1986	First Sample Examined: 0
Lease Number: G07751	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11810
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11598
API Well Number: 177114087701	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9608 / 9605	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
11124 /10984	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11676 /11479	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 130	Date of Summary: 05-MAY-1983	First Sample Examined: 2525
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 10980
Well Name: E001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10963
API Well Number: 177114067800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 2525 - 10980	Water Depth: 40
Public Info Code: Y 30-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2525 /	DEF AT first sample examined	DEF IN 2
3720 /	DEF AT - - - - -	DEF AT 3
4620 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4830 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5640 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9030 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10110 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10680 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 130	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: 00453	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10980
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 10963
API Well Number: 177114067800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 30-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4830 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5640 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9030 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
10110 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10680 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 130	<b>Date of Summary:</b> 29-NOV-1983	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> 00453	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11362
<b>Well Name:</b> E002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11199
<b>API Well Number:</b> 177114073400	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7000 - 11350	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 18-DEC-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6897	DEF AT first sample examined	DEF IN 3
9670 / 9524	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10510 /10360	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11350 /11188	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 134	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: G05201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6065
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6065
API Well Number: 177114069200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 19-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5861 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 134	Date of Summary: 04-FEB-1985	First Sample Examined: 0
Lease Number: G05201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6265
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6265
API Well Number: 177114069700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 08-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5876 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 134	Date of Summary: 11-SEP-1984	First Sample Examined: 0
Lease Number: G05201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7566
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7566
API Well Number: 177114070000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 /	POS IN Pleistocene	DEF AT 0
4010 /	POS IN Pleistocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 134	Date of Summary: 07-DEC-1984	First Sample Examined: 0
Lease Number: G05201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9065
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9064
API Well Number: 177114070400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 19-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2720 /	POS IN Pleistocene	DEF AT 0
4070 /	POS IN Pleistocene	DEF AT 0

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 134	Date of Summary: 11-SEP-1984	First Sample Examined: 0
Lease Number: G05201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6166
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 6166
API Well Number: 177114071000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 23-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2670 /	POS IN Pleistocene	DEF AT 0
5318 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 135	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G03164	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6081
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6080
API Well Number: 177114061900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 05-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4920 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 135	Date of Summary: 17-DEC-1997	First Sample Examined: 0
Lease Number: G03164	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7070
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 7066
API Well Number: 177114062300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 31-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2949 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4783 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5693 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 135	Date of Summary: 04-JUN-1985	First Sample Examined: 0
Lease Number: G03164	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6015
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 6015
API Well Number: 177114070300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 05-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5832 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 05-APR-1979	First Sample Examined: 5620
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 177114040400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5620 - 6970	Water Depth: 55
Public Info Code: Y 27-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5620 / 5616	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6970 / 6941	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 149	<b>Date of Summary:</b> 20-MAR-1980	<b>First Sample Examined:</b> 3310
<b>Lease Number:</b> 00434	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7946
<b>Well Name:</b> 015	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6453
<b>API Well Number:</b> 177114050300	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 65
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3310 - 7930	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 20-MAR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 / 3228	DEF AT -----	DEF IN 2
3610 / 3249	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3940 / 3482	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4750 / 4060	DEF AT local marker (general)	DEF AT 3
5340 / 4447	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7930 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 20-MAR-1980	First Sample Examined: 4250
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7946
Well Name: 015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6453
API Well Number: 177114050300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 4250 - 8690	Water Depth: 55
Public Info Code: Y 20-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3707	DEF AT first sample examined	DEF AT 3
4670 / 4005	DEF AT local marker (general)	DEF AT 3
4850 / 4126	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8180 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8600 /	DEF AT anhydrite	DEF AT 3
8690 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 07-DEC-1981	First Sample Examined: 3200
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7552
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7200
API Well Number: 177114059900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3200 - 7540	Water Depth: 55
Public Info Code: Y 04-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3200 / 3107	DEF AT cement	DEF AT 0
3290 / 3190	DEF AT - - - - -	DEF IN 3
3670 / 3540	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4390 / 4208	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4510 / 4321	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5470 / 5233	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6670 / 6365	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7420 / 7065	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7540 / 7176	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 149	<b>Date of Summary:</b> 14-SEP-1979	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> 00434	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12559
<b>Well Name:</b> C008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11487
<b>API Well Number:</b> 177114047300	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 65
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8000 - 12530	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 05-OCT-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7148	DEF AT first sample examined	DEF IN 3
9380 / 8345	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11450 /10359	DEF AT -----	DEF AT 4
12530 /11433	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 16-MAR-1979	First Sample Examined: 2500
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 8252
Well Name: D001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7385
API Well Number: 177114038800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 2500 - 7750	Water Depth: 50
Public Info Code: Y 13-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2499	DEF AT first sample examined	DEF IN 2
3640 / 3587	DEF AT sample gap top	DEF AT 0
3820 / 3742	DEF AT sample gap bottom	DEF AT 0
3850 / 3767	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4540 / 4345	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4900 / 4628	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5710 / 5276	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7750 / 6978	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 16-MAR-1979	First Sample Examined: 7100
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 8252
Well Name: D001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7385
API Well Number: 177114038800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 7100 - 7820	Water Depth: 50
Public Info Code: Y 13-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6442	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7730 / 6961	DEF AT - - - - -	DEF AT 4
7820 / 7035	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 149	<b>Date of Summary:</b> 07-APR-1980	<b>First Sample Examined:</b> 2540
<b>Lease Number:</b> 00434	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8326
<b>Well Name:</b> D004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8002
<b>API Well Number:</b> 177114050900	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2540 - 8324	<b>Water Depth:</b> 42
<b>Public Info Code:</b> Y 29-APR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2540 / 2540	DEF AT first sample examined	DEF IN 2
2720 / 2720	DEF AT - - - - -	DEF AT 3
3290 / 3290	DEF AT sample gap top	DEF AT 0
4040 / 4040	DEF AT sample gap bottom	DEF AT 0
4730 / 4730	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5450 / 5433	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7880 / 7633	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8324 / 8009	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 16-MAY-1980	First Sample Examined: 3860
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7730
Well Name: D005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7468
API Well Number: 177114050901	Drilling Operator: AMINOIL INC.	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3860 - 7670	Water Depth: 42
Public Info Code: Y 11-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3860 / 3860	DEF AT first sample examined	DEF IN 2
4670 / 4661	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4820 / 4808	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5120 / 5100	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5420 / 5382	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7670 / 7412	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 12-DEC-1979	First Sample Examined: 2780
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7123
Well Name: G003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6625
API Well Number: 177114049100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 75
Paleo Report Num: 1 of 3	Sample Range: 2780 - 5990	Water Depth: 50
Public Info Code: Y 09-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 / 2729	DEF AT first sample examined	DEF IN 3
4310 / 4075	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4730 / 4439	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5990 / 5506	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 12-DEC-1979	First Sample Examined: 5270
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7123
Well Name: G003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6625
API Well Number: 177114049100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 75
Paleo Report Num: 2 of 3	Sample Range: 5270 - 6505	Water Depth: 50
Public Info Code: Y 09-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5270 / 4907	DEF AT first sample examined	DEF AT 3
5600 / 5178	DEF AT sample gap top	DEF AT 3
5990 / 5506	DEF AT sample gap bottom	DEF AT 3
6020 / 5532	DEF AT sample gap top	DEF AT 3
6080 / 5582	DEF AT sample gap bottom	DEF AT 3
6440 / 5901	DEF AT anhydrite	DEF AT 3
6505 / 5959	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 149	<b>Date of Summary:</b> 17-DEC-1979	<b>First Sample Examined:</b> 5600
<b>Lease Number:</b> 00434	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7123
<b>Well Name:</b> G003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6625
<b>API Well Number:</b> 177114049100	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 5600 - 7130	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 09-JAN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5178	DEF AT first sample examined	DEF IN 3
6530 / 5981	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7040 /	DEF AT anhydrite	DEF AT 0
7130 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 03-MAR-1982	First Sample Examined: 3800
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 12736
Well Name: D003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11000
API Well Number: 177114060800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3800 - 12740	Water Depth: 42
Public Info Code: Y 03-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3799	DEF AT first sample examined	DEF IN 2
3950 / 3949	DEF AT -----	DEF AT 3
4730 / 4724	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7250 / 6860	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9110 / 8265	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9560 / 8617	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11420 / 10047	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11690 / 10242	DEF AT -----	DEF AT 4
12740 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 149	Date of Summary: 03-MAR-1982	First Sample Examined: 11140
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 12164
Well Name: D003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10578
API Well Number: 177114060801	Drilling Operator: AMINOIL INC.	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 11140 - 12160	Water Depth: 42
Public Info Code: Y 16-FEB-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11140 / 9628	DEF AT first sample examined	DEF AT 3
11890 /10180	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11920 /10202	DEF AT -----	DEF AT 4
12160 /10376	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 151	Date of Summary: 23-DEC-1991	First Sample Examined: 0
Lease Number: G12944	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11548
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11548
API Well Number: 177114107400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10200 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
11120 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 163	<b>Date of Summary:</b> 18-MAR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08710	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8500
<b>API Well Number:</b> 177114094300	<b>Drilling Operator:</b> AMERAC ENERGY CORPORATION	<b>Rkb Elevation:</b> 79
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2550 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4920 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7550 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 165	Date of Summary: 08-MAR-1990	First Sample Examined: 0
Lease Number: G05548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177114073100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 10-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4890	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 168	Date of Summary: 11-AUG-1994	First Sample Examined: 0
Lease Number: 00819	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11203
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 10499
API Well Number: 177114059100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 29-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6447	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7843 / 7427	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8975 / 8458	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
9372 / 8821	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 168	Date of Summary: 21-MAR-1983	First Sample Examined: 0
Lease Number: 00819	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8053
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 7627
API Well Number: 177114060300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 19-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6732 / 6465	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7108 / 6795	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 168	Date of Summary: 07-JAN-1982	First Sample Examined: 0
Lease Number: 00819	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11225
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 10535
API Well Number: 177114061000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 12-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6806 / 6434	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7878 / 7441	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9157 / 8621	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
9468 / 8906	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 168	Date of Summary: 21-MAR-1983	First Sample Examined: 0
Lease Number: 00819	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11900
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 11044
API Well Number: 177114061300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 25-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6912 / 6471	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7960 / 7445	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9512 / 8835	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 0
11295 / 10478	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 168	Date of Summary: 02-JUN-1997	First Sample Examined: 0
Lease Number: 00819	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10915
Well Name: D005	Paleo Done By: OPERATOR	Borehole TVD: 10394
API Well Number: 177114061800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6601 / 6458	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6988 / 6817	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8779 / 8468	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
9176 / 8835	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 169	Date of Summary: 28-DEC-1995	First Sample Examined: 0
Lease Number: 00820	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10731
Well Name: BB002	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177114055500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 29-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8345 / 7396	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 170	Date of Summary: 19-SEP-2000	First Sample Examined: 5530
Lease Number: G03584	Source of Paleo: OPERATOR	Borehole MD: 12956
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11258
API Well Number: 177114039601	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5530 - 12910	Water Depth: 58
Public Info Code: Y 15-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 / 5468	DEF AT first sample examined	DEF AT 0
5800 / 5699	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6440 / 6217	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8440 / 7789	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9880 / 8897	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 0
12910 / 11222	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 170	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11025
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10476
API Well Number: 177114048601	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 09-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6784	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7500 / 7426	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8400 / 8206	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9300 / 8970	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 170	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12432
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10827
API Well Number: 177114049501	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 07-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8985 / 8245	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10320 / 9211	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11370 / 9985	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 170	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10564
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10042
API Well Number: 177114050400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 06-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7176	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8600 / 8207	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9400 / 8965	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
10000 / 9522	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 170	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11195
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9777
API Well Number: 177114051800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 01-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7280 / 6939	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9500 / 8528	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10850 / 9519	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 170	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7442
API Well Number: 177114056200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 03-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7920 / 6929	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 173	Date of Summary: 16-JUN-1986	First Sample Examined: 4060
Lease Number: G06741	Source of Paleo: OPERATOR	Borehole MD: 14324
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14311
API Well Number: 177114089800	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4060 - 14324	Water Depth: 65
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 /	DEF AT first sample examined	DEF IN 3
4090 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6280 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
8590 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
9250 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
10750 /	POS AT faunal change (no faunal increase)	POS AT 4
11710 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12580 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
12700 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
14324 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 173	Date of Summary: 17-NOV-1988	First Sample Examined: 0
Lease Number: G06741	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14584
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14584
API Well Number: 177114096300	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8770 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10130 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13350 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
14170 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 177	<b>Date of Summary:</b> 20-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00590	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7100
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7099
<b>API Well Number:</b> 177114056300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 76
<b>Public Info Code:</b> Y 14-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4670 / 4669	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5660 / 5659	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6750 / 6749	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 177	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: 00590	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7486
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7030
API Well Number: 177114055000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 4880	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6023 / 5624	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7180 / 6731	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 177	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: 00590	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8546
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7002
API Well Number: 177114056100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 09-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5426 / 4619	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6079 / 5147	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6666 / 5617	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8331 / 6855	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 180	Date of Summary: 16-JAN-1989	First Sample Examined: 0
Lease Number: G07753	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10714
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10358
API Well Number: 177114097200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT -----	DEF AT 2
5630 / 5630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5990 / 5990	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6890 / 6889	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 05-MAY-1995	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12678
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 11919
API Well Number: 177114063200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 21-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6873	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 06-SEP-1983	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10300
API Well Number: 177114052000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 24-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8000 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 28-OCT-1981	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10510
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 9717
API Well Number: 177114057100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 28-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7053 / 6569	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7420 / 6903	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9430 / 8740	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10691
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 9611
API Well Number: 177114057600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 21-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8140 / 7164	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 04-OCT-1995	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12266
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 10700
API Well Number: 177114058500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 17-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7375 / 7374	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 23-MAR-1982	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12430
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 11160
API Well Number: 177114058000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 15-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7782 / 7386	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 181	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10261
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 9993
API Well Number: 177114061100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 16-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 7343	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 09-MAY-1983	First Sample Examined: 0
Lease Number: 00821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11892
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 9211
API Well Number: 177114069400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 07-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9370 / 7252	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 09-JUN-1983	First Sample Examined: 0
Lease Number: 00821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9866
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 9274
API Well Number: 177114068700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 169
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 11-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7869 / 7298	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 25-JUL-1983	First Sample Examined: 0
Lease Number: 00821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8894
Well Name: E006	Paleo Done By: OPERATOR	Borehole TVD: 8662
API Well Number: 177114071200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 26-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7468 / 7302	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 17-JUN-1983	First Sample Examined: 0
Lease Number: 00821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10051
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 8639
API Well Number: 177114070500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 15-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8118 / 7312	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 02-NOV-1996	First Sample Examined: 0
Lease Number: G01019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11113
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 10035
API Well Number: 177114067700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7813 / 7548	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 28-JUN-1983	First Sample Examined: 0
Lease Number: G01019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9222
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 8958
API Well Number: 177114069300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 28-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7710 / 7538	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 08-JUL-1983	First Sample Examined: 0
Lease Number: G01019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9636
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 9232
API Well Number: 177114069500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 11-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7763 / 7502	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 182	<b>Date of Summary:</b> 08-JUL-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03998	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12076
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12076
<b>API Well Number:</b> 177114059400	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 28-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7184 / 7184	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9233 / 9232	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9707 / 9706	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 22-MAR-1983	First Sample Examined: 0
Lease Number: G03998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11855
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11604
API Well Number: 177114060600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 49
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 23-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11390 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 15-JUN-1995	First Sample Examined: 0
Lease Number: G03998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11855
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11604
API Well Number: 177114060600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 49
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 23-MAR-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7367 / 7167	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9579 / 9329	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 01-FEB-1983	First Sample Examined: 0
Lease Number: G03998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10312
API Well Number: 177114065500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 15-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 / 7190	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9890 / 9378	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 182	Date of Summary: 08-JUN-1983	First Sample Examined: 0
Lease Number: G03998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12748
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11745
API Well Number: 177114066000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 24-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8028 / 7868	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9300 / 8967	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 183	<b>Date of Summary:</b> 24-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00821	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11973
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11033
<b>API Well Number:</b> 177114066900	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 66
<b>Public Info Code:</b> Y 19-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5600	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6200 / 6200	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
6450 / 6450	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9930 / 9528	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
11670 / 10830	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 184	<b>Date of Summary:</b> 21-JAN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05553	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14585
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13087
<b>API Well Number:</b> 177114091000	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 63
<b>Public Info Code:</b> Y 13-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5630 / 5218	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6960 / 6379	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7800 / 7113	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12426 / 11296	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
14376 / 12914	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 186	Date of Summary: 24-FEB-1988	First Sample Examined: 0
Lease Number: 00823	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18065
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 18026
API Well Number: 177114093700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 14-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11320 /11319	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13630 /13629	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 186	<b>Date of Summary:</b> 21-NOV-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00823	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15943
<b>Well Name:</b> 007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15926
<b>API Well Number:</b> 177114097000	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 58
<b>Public Info Code:</b> Y 14-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 / 6090	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6300 / 6300	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7590 / 7590	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11280 / 11280	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13620 / 13620	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 189	Date of Summary: 02-AUG-1982	First Sample Examined: 8490
Lease Number: G04232	Source of Paleo: OPERATOR	Borehole MD: 19111
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 19111
API Well Number: 177114062000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 4	Sample Range: 8490 - 19110	Water Depth: 79
Public Info Code: Y 24-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8490 /	DEF AT first sample examined	DEF AT 0
12050 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
19110 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 189	Date of Summary: 13-MAR-1991	First Sample Examined: 6800
Lease Number: G04232	Source of Paleo: OPERATOR	Borehole MD: 19111
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 19111
API Well Number: 177114062000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 4 of 4	Sample Range: 6800 - 16825	Water Depth: 79
Public Info Code: Y 24-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 /	DEF AT first sample examined	DEF AT
12050 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
13800 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
16825 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 190	Date of Summary: 19-NOV-1985	First Sample Examined: 900
Lease Number: G05554	Source of Paleo: OPERATOR	Borehole MD: 16503
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16503
API Well Number: 177114087000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 900 - 16190	Water Depth: 70
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF AT 2
2910 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
3210 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3480 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6820 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7810 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8210 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9140 /	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 4
9260 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9800 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10310 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
10580 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12610 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
12780 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14030 /	DEF AT faunal change (no faunal increase)	DEF AT 4
16190 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 193	Date of Summary:	First Sample Examined: 9290
Lease Number: G08711	Source of Paleo: OPERATOR	Borehole MD: 12790
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12300
API Well Number: 177114102600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4550 - 12784	Water Depth: 100
Public Info Code: Y 11-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9290 / 9043	DEF AT first sample examined	DEF AT 2
10340 /10020	DEF AT - - - - -	DEF AT 3
11330 /10944	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12784 /12296	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 193	Date of Summary:	First Sample Examined: 9220
Lease Number: G08711	Source of Paleo: OPERATOR	Borehole MD: 13175
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12267
API Well Number: 177114102601	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 9220 - 13150	Water Depth: 100
Public Info Code: Y 11-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9220 / 8978	DEF AT first sample examined	DEF AT 2
10330 / 9944	DEF AT - - - - -	DEF AT 3
11290 / 10713	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13150 / 12229	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 193	Date of Summary: 07-MAY-1992	First Sample Examined: 0
Lease Number: G08711	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13025
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12670
API Well Number: 177114108700	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 11-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /10097	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13000 /12646	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 196	Date of Summary: 22-OCT-1992	First Sample Examined: 5000
Lease Number: G12948	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12300
API Well Number: 177114110100	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12300	Water Depth: 95
Public Info Code: Y 26-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT 2
6050 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7280 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8720 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
10400 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11240 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12300 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 20-AUG-1981	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6724
Well Name: I001	Paleo Done By: OPERATOR	Borehole TVD: 6584
API Well Number: 177114050200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 03-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6561	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 19-AUG-1981	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9757
Well Name: I002	Paleo Done By: OPERATOR	Borehole TVD: 9525
API Well Number: 177114048900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 14-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6806 / 6703	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8263 / 8095	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9425 / 9208	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 20-MAR-1996	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8369
Well Name: I003	Paleo Done By: OPERATOR	Borehole TVD: 7031
API Well Number: 177114050500	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 26-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8080 / 6797	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: I004	Paleo Done By: OPERATOR	Borehole TVD: 9534
API Well Number: 177114051000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 18-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 6708	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8470 / 8111	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9650 / 9208	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 28-AUG-1981	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5940
Well Name: I006	Paleo Done By: OPERATOR	Borehole TVD: 5710
API Well Number: 177114051300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 05-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 / 5707	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11750
Well Name: I007	Paleo Done By: OPERATOR	Borehole TVD: 11363
API Well Number: 177114053800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 21-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6685	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8400 / 8128	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9500 / 9190	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10400 / 10057	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 198	<b>Date of Summary:</b> 19-FEB-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12355	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10170
<b>Well Name:</b> I009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10169
<b>API Well Number:</b> 177114053100	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 22-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8100 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10200 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 11-JUL-1996	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10460
Well Name: I012	Paleo Done By: OPERATOR	Borehole TVD: 10119
API Well Number: 177114055400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 10-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6773	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8197 / 7978	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9601 / 9310	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: G12358	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10650
Well Name: I005	Paleo Done By: OPERATOR	Borehole TVD: 7034
API Well Number: 177114053700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 01-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 6570	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 198	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: G12358	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13127
Well Name: I008	Paleo Done By: OPERATOR	Borehole TVD: 11967
API Well Number: 177114055100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 26-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6844 / 6800	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8434 / 8156	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10924 / 10095	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 198	<b>Date of Summary:</b> 29-JUN-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12358	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13310
<b>Well Name:</b> I008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11969
<b>API Well Number:</b> 177114055101	<b>Drilling Operator:</b> PENNZOIL EXPLORATION AND PRODUCTION COMPAN	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 08-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6844 / 6800	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8464 / 8180	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10924 / 10095	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 204	Date of Summary:	First Sample Examined: 0
Lease Number: G01520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9886
Well Name: A032	Paleo Done By: OPERATOR	Borehole TVD: 8745
API Well Number: 177112014601	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 24-JAN-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9814 / 8673	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 204	Date of Summary: 04-JAN-1978	First Sample Examined: 9000
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 9886
Well Name: A032	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8745
API Well Number: 177112014601	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 9000 - 9870	Water Depth: 105
Public Info Code: Y 24-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7860	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9870 / 8729	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 204	Date of Summary: 19-APR-1979	First Sample Examined: 9274
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12960
Well Name: B018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12663
API Well Number: 177114001901	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 9274 - 12999	Water Depth: 105
Public Info Code: Y 16-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9274 / 8982	DEF AT first sample examined	DEF IN 3
10017 / 9723	DEF AT sample gap top	DEF AT 0
10549 /10255	DEF AT sample gap bottom	DEF AT 0
11153 /10859	DEF AT -----	DEF AT 4
11872 /11577	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12999 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 208	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G01228	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10480
Well Name: E012	Paleo Done By: OPERATOR	Borehole TVD: 10354
API Well Number: 177114048700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 18-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7650 / 7646	DEF AT Upper Pliocene (Gelasian) Textularia crassisepa / "P"	DEF AT 0
9600 / 9484	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 209	Date of Summary: 12-AUG-1995	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13141
Well Name: G009	Paleo Done By: OPERATOR	Borehole TVD: 12938
API Well Number: 177114041800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 18-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4063 / 4063	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4707 / 4707	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8251 / 8196	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
11875 / 11678	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 209	Date of Summary: 26-APR-1996	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12680
Well Name: G010	Paleo Done By: OPERATOR	Borehole TVD: 12601
API Well Number: 177114041600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 30-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4064 / 4064	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4710 / 4710	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8257 / 8256	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
12263 / 12185	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 209	Date of Summary:	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14508
Well Name: G011	Paleo Done By: OPERATOR	Borehole TVD: 13672
API Well Number: 177114041700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 04-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4040	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4903 / 4680	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9355 / 8780	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
13258 / 12424	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 209	Date of Summary: 08-DEC-1999	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9750
Well Name: J014	Paleo Done By: OPERATOR	Borehole TVD: 9388
API Well Number: 177114071300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 02-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4177 / 4174	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5405 / 5320	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8442 / 8166	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9084 / 8765	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9594 / 9240	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9640 / 9284	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9735 / 9374	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 214	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: 00828	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8974
Well Name: K001	Paleo Done By: OPERATOR	Borehole TVD: 8683
API Well Number: 177114053900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 02-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7463	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7510 / 7492	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8860 / 8599	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 21-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10265
<b>Well Name:</b> K002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10089
<b>API Well Number:</b> 177114054000	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 26-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6495	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8270 / 8203	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9000 / 8899	DEF AT faunal change (no faunal increase)	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 28-AUG-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11300
<b>Well Name:</b> K003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11077
<b>API Well Number:</b> 177114054500	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 21-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7804	DEF AT faunal change (no faunal increase)	DEF AT 2
9030 / 8822	DEF AT faunal change (no faunal increase)	DEF AT 3
9330 / 9121	DEF AT faunal change (no faunal increase)	DEF AT 4
9390 / 9181	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10680 / 10463	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 20-AUG-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12715
<b>Well Name:</b> K004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12387
<b>API Well Number:</b> 177114054800	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 107
<b>Public Info Code:</b> Y 31-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6835	DEF AT faunal change (no faunal increase)	DEF AT 2
7280 / 7009	DEF AT faunal change (no faunal increase)	DEF AT 3
7790 / 7505	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7880 / 7594	DEF AT faunal change (no faunal increase)	DEF AT 4
9760 / 9468	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11260 /10953	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12610 /12283	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 05-FEB-1982	<b>First Sample Examined:</b> 5460
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10350
<b>Well Name:</b> K005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10118
<b>API Well Number:</b> 177114059300	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5460 - 7050	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 14-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 5457	DEF AT first sample examined	DEF AT 3
5461 / 5458	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5490 / 5487	DEF AT anhydrite	POS AT 3
5850 / 5844	DEF AT sample gap top	POS AT 3
6270 / 6247	DEF AT sample gap bottom	POS AT 3
7050 / 6988	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 05-FEB-1982	<b>First Sample Examined:</b> 6990
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10350
<b>Well Name:</b> K005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10118
<b>API Well Number:</b> 177114059300	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6990 - 10320	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 14-FEB-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 / 6931	DEF AT first sample examined	DEF AT 3
6991 / 6932	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7200 / 7130	DEF AT faunal change (no faunal increase)	DEF AT 4
7530 / 7441	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10320 / 10090	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 23-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10428
<b>Well Name:</b> K006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10037
<b>API Well Number:</b> 177114062200	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 107
<b>Public Info Code:</b> Y 23-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6950 / 6883	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7160 / 7077	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9260 / 9040	DEF AT faunal change (no faunal increase)	DEF AT 4
10190 / 9915	DEF AT local marker deep water fauna	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 214	<b>Date of Summary:</b> 23-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00828	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11032
<b>Well Name:</b> K007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10748
<b>API Well Number:</b> 177114063700	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 28-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6040 / 6021	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6070 / 6049	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6400 / 6365	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7180 / 7097	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10630 / 10358	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 214	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: 00828	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8610
Well Name: L003	Paleo Done By: OPERATOR	Borehole TVD: 8430
API Well Number: 177114068300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 14-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4030	DEF AT faunal change (no faunal increase)	DEF AT 3
5110 / 5110	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5950 / 5931	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6190 / 6157	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6520 / 6468	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8110 / 7962	DEF AT faunal change (no faunal increase)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 218	Date of Summary: 21-MAR-1983	First Sample Examined: 0
Lease Number: G01022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6977
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 6540
API Well Number: 177114062800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 02-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4300 / 4143	DEF AT -----	DEF AT 2
4690 / 4504	DEF AT -----	DEF AT 3
4840 / 4640	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5230 / 4987	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5740 / 5438	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5770 / 5465	DEF AT -----	DEF AT 6
6250 / 5894	DEF AT -----	DEF AT 4
7120 /	DEF AT -----	DEF AT 3
8350 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 218	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: G01022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177114063000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 111
Public Info Code: Y 24-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 /	DEF AT -----	DEF AT 3
5020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6190 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6490 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6790 /	DEF AT -----	DEF AT 5
6880 /	DEF AT -----	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 218	Date of Summary: 07-SEP-1984	First Sample Examined: 0
Lease Number: G01022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9994
API Well Number: 177114058700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 24-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT -----	DEF AT 3
5400 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6960 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9090 /	DEF AT -----	DEF AT 5
9720 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 218	<b>Date of Summary:</b> 29-JUN-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01022	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8360
<b>Well Name:</b> B002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8003
<b>API Well Number:</b> 177114060700	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 113
<b>Public Info Code:</b> Y 02-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 3986	DEF AT -----	DEF AT 2
4410 / 4267	DEF AT -----	DEF AT 3
4680 / 4525	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5100 / 4921	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5310 / 5120	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5370 / 5177	DEF AT -----	DEF AT 5
5430 / 5234	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5580 / 5375	DEF AT -----	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 218	Date of Summary: 17-AUG-1984	First Sample Examined: 0
Lease Number: G01022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8360
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8003
API Well Number: 177114060700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 02-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6709 / 6448	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7000 / 6725	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 218	Date of Summary: 25-JUL-1984	First Sample Examined: 0
Lease Number: G01022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9332
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8265
API Well Number: 177114064200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 21-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7073 / 6472	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7358 / 6725	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 219	Date of Summary: 31-JAN-1986	First Sample Examined: 0
Lease Number: 00829	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9376
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 9003
API Well Number: 177114001601	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 21-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5646 / 5431	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6647 / 6400	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6777 / 6526	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
7915 / 7621	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8600 / 8271	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 219	Date of Summary: 14-DEC-1983	First Sample Examined: 0
Lease Number: 00829	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10053
Well Name: B024	Paleo Done By: OPERATOR	Borehole TVD: 8651
API Well Number: 177114023802	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 15-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8491 / 7432	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 222	<b>Date of Summary:</b> 21-MAR-1983	<b>First Sample Examined:</b> 6320
<b>Lease Number:</b> G01525	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12936
<b>Well Name:</b> D006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12125
<b>API Well Number:</b> 177114043900	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6320 - 12620	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 12-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 6099	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7010 / 6724	DEF AT - - - - -	DEF AT 2
7880 / 7495	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9320 / 8778	DEF AT Cyclammina sp. (local marker)	DEF AT 3
12620 / 11819	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary:	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11286
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 10200
API Well Number: 177114039800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 19-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7832	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
10710 / 9808	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 19-AUG-1981	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12039
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 10974
API Well Number: 177114049400	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 21-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8220 / 7538	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9930 / 9095	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11490 /10473	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12019 /10956	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 19-AUG-1981	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13418
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 12931
API Well Number: 177114050600	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 17-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7970 / 7596	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9410 / 8982	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10770 /10336	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12330 /11892	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 19-JUN-1981	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14165
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 13826
API Well Number: 177114051500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 08-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7699	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
10310 / 10307	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11830 / 11746	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
13780 / 13478	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 04-NOV-1980	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13546
Well Name: E009	Paleo Done By: OPERATOR	Borehole TVD: 11464
API Well Number: 177114050000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 20-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12720 /11235	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14092
Well Name: E016	Paleo Done By: OPERATOR	Borehole TVD: 12498
API Well Number: 177114057200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 13-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9820 / 8932	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10850 / 9794	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13100 / 11694	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary:	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12567
Well Name: E011	Paleo Done By: OPERATOR	Borehole TVD: 11275
API Well Number: 177114049700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 21-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 7034	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0
9900 / 8623	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10710 / 9423	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 31-MAR-1982	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13142
Well Name: E013	Paleo Done By: OPERATOR	Borehole TVD: 11639
API Well Number: 177114055200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 27-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12510 /11123	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 224	<b>Date of Summary:</b> 13-JAN-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01526	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13142
<b>Well Name:</b> E013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11639
<b>API Well Number:</b> 177114055200	<b>Drilling Operator:</b> MURPHY EXPLORATION & PRODUCTIO	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 145
<b>Public Info Code:</b> Y 27-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8080 / 7291	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9610 / 8627	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10330 / 9255	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11650 / 10393	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
12510 / 11123	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 224	Date of Summary: 21-MAR-1983	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12735
Well Name: E015	Paleo Done By: OPERATOR	Borehole TVD: 11632
API Well Number: 177114061500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 01-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6880	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8970 / 8518	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9930 / 9340	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12180 / 11186	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 229	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: 00830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5959
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 4439
API Well Number: 177114063600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 08-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 / 3487	DEF AT -----	DEF AT 2
4610 / 3757	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5420 / 4189	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5630 / 4285	DEF AT anhydrite	DEF AT 0
5631 / 4285	POS AT caprock	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 229	<b>Date of Summary:</b> 20-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00830	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8739
<b>Well Name:</b> C003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8208
<b>API Well Number:</b> 177114064500	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 11-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8157 / 7700	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8341 / 7862	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary:	First Sample Examined: 0
Lease Number: G01528	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14004
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12022
API Well Number: 177114037100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 30-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12650 /10896	DEF AT -----	DEF AT 4
12860 /11066	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary:	First Sample Examined: 0
Lease Number: G01528	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177114043300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 11-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /	DEF AT -----	DEF AT 3
10610 /	DEF AT -----	DEF AT 4
10700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12510 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13770 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G01528	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12595
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 11725
API Well Number: 177114059800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 20-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8830 / 8277	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9460 / 8843	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12290 / 11421	DEF AT -----	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary: 30-NOV-1982	First Sample Examined: 0
Lease Number: G01528	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12116
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 11983
API Well Number: 177114060400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 127
Public Info Code: Y 06-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 9000	DEF AT -----	DEF AT 3
9390 / 9388	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10800 /10748	DEF AT -----	DEF AT 4
11580 /11480	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary: 07-JUN-1982	First Sample Examined: 9700
Lease Number: G03169	Source of Paleo: OPERATOR	Borehole MD: 14584
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13699
API Well Number: 177114061400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 4	Sample Range: 9700 - 13099	Water Depth: 129
Public Info Code: Y 25-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9226	DEF IN Cyclammina cancellata (local marker)	DEF IN 4
13060 / 12309	DEF AT - - - - -	DEF AT 5
13099 / 12345	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 233	<b>Date of Summary:</b> 07-JUN-1982	<b>First Sample Examined:</b> 12990
<b>Lease Number:</b> G03169	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14584
<b>Well Name:</b> B005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13699
<b>API Well Number:</b> 177114061400	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 12990 - 14584	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 25-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 /12243	DEF AT first sample examined	DEF IN 4
13440 /12668	DEF AT - - - - -	DEF AT 5
14584 /13744	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14584
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 13699
API Well Number: 177114061400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 104
Paleo Report Num: 3 of 4	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 25-JUN-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9226	DEF AT -----	DEF AT 4
12990 / 12243	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 233	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14584
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 13699
API Well Number: 177114061400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 104
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 25-JUN-1992	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12440 /11740	DEF AT -----	DEF AT 5
14584 /13744	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 237	Date of Summary:	First Sample Examined: 0
Lease Number: G03168	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13272
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13272
API Well Number: 177124012300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 29-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT -----	DEF AT 3
8420 /	DEF AT -----	DEF AT 4
8450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8780 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 237	<b>Date of Summary:</b> 16-SEP-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03168	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14530
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12893
<b>API Well Number:</b> 177124023300	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 124
<b>Public Info Code:</b> Y 29-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT -----	DEF AT 3
5030 / 5030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6200 / 6200	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7640 / 7634	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7910 / 7893	DEF AT -----	DEF AT 4
8120 / 8090	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 238	Date of Summary: 20-MAR-1981	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13476
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13071
API Well Number: 177124024000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 23-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 4119	DEF AT -----	DEF AT 3
6520 / 6433	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7690 / 7565	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7930 / 7796	DEF AT -----	DEF AT 4
8530 / 8370	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9940 / 9715	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 238	<b>Date of Summary:</b> 14-SEP-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03169	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14364
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13336
<b>API Well Number:</b> 177124023400	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 129
<b>Public Info Code:</b> Y 10-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 5450	DEF AT -----	DEF AT 2
5480 / 5480	DEF AT -----	DEF AT 3
6230 / 6230	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7610 / 7609	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8240 / 8239	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
14150 / 13154	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 238	Date of Summary: 29-NOV-1982	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14624
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13506
API Well Number: 177124025100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6623	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8410 / 7916	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9160 / 8604	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10630 / 9964	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
13300 / 12369	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 238	Date of Summary: 14-SEP-1982	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13871
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177124025700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 02-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8321	DEF AT -----	DEF AT 3
8650 / 8465	DEF AT -----	DEF AT 4
13270 /12817	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 238	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13124
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12738
API Well Number: 177124027100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 20-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9470 / 9352	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10000 / 9860	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 238	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9929
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7209
API Well Number: 177124027200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 11-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7216 / 5467	DEF AT -----	DEF AT 2
7696 / 5776	DEF AT -----	DEF AT 3
8439 / 6258	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 238	Date of Summary: 25-APR-1983	First Sample Examined: 0
Lease Number: G03169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16588
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13977
API Well Number: 177124028800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 20-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8024	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9870 / 8696	DEF AT -----	DEF AT 4
10200 / 8954	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11490 / 9989	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
16170 / 13643	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
16500 / 13906	DEF AT -----	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary:	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12145
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10611
API Well Number: 177124022800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 06-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7492	DEF AT -----	DEF AT 4
7950 / 7905	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8100 / 8036	DEF AT -----	DEF AT 5
9090 / 8796	DEF AT -----	DEF AT 3
9900 / 9282	DEF AT Cyclammina sp. (local marker)	DEF AT 3
11910 / 10461	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary:	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10236
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 177124023500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6918	DEF AT -----	DEF AT 3
8370 / 7228	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9170 / 7922	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary: 20-MAR-1981	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10236
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 177124023500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6918	DEF AT -----	DEF AT 3
8370 / 7228	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9170 / 7922	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13036
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 177124023600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 12-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 6379	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9010 / 7105	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9220 / 7255	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9520 / 7472	DEF AT Cyclammina cancellata (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 239	<b>Date of Summary:</b> 24-SEP-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01025	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13070
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9645
<b>API Well Number:</b> 177124023700	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 133
<b>Public Info Code:</b> Y 20-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6184	DEF AT -----	DEF AT 3
9390 / 7151	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9480 / 7214	DEF AT -----	DEF AT 4
9620 / 7312	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10730 / 8083	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12590 / 9317	DEF AT Cyclammina sp. (local marker)	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary: 06-MAY-1981	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11454
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 10600
API Well Number: 177124023900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 127
Public Info Code: Y 30-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7872	DEF AT -----	DEF AT 3
8060 / 7926	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8840 / 8590	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9050 / 8754	DEF AT -----	DEF AT 4
10940 / 10220	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary: 19-MAR-1981	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12485
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 9686
API Well Number: 177124024300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 26-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9170 / 7209	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10310 / 8046	DEF AT -----	DEF AT 4
10430 / 8133	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 239	Date of Summary:	First Sample Examined: 0
Lease Number: G01025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11465
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 9302
API Well Number: 177124024400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 127
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 6634	DEF AT -----	DEF AT 3
9558 / 7803	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 240	Date of Summary: 09-AUG-1983	First Sample Examined: 4530
Lease Number: G05043	Source of Paleo: OPERATOR	Borehole MD: 12600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12600
API Well Number: 177124029200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4530 - 12600	Water Depth: 132
Public Info Code: Y 01-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 /	DEF AT first sample examined	DEF IN 3
5670 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6990 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8010 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9420 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12600 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SS 242 <b>Lease Number:</b> 00832 <b>Well Name:</b> 008 <b>API Well Number:</b> 177124015401 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 28-JAN-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7942 <b>Borehole TVD:</b> 7828 <b>Rkb Elevation:</b> 77 <b>Water Depth:</b> 137 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4790 / 4773	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5510 / 5473	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5840 / 5793	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 247	Date of Summary: 05-MAY-1980	First Sample Examined: 0
Lease Number: G01028	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12588
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 11837
API Well Number: 177124019700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 07-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7051 / 6761	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7420 / 7106	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10008 / 9464	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 247	Date of Summary: 27-AUG-1980	First Sample Examined: 0
Lease Number: G01028	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13790
Well Name: F003	Paleo Done By: OPERATOR	Borehole TVD: 10351
API Well Number: 177124019800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 10-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 5885	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8200 / 7135	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12460 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 247	Date of Summary:	First Sample Examined: 0
Lease Number: G01028	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8283
Well Name: F004	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 177124019600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 12-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 5718	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 247	<b>Date of Summary:</b> 14-JUL-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01028	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8532
<b>Well Name:</b> F005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7015
<b>API Well Number:</b> 177124021200	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 07-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 6542	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> SS 247 <b>Lease Number:</b> G01028 <b>Well Name:</b> F015 <b>API Well Number:</b> 177124022900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 02-NOV-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> DOMINION EXPLORATION &amp; PRODUCTION INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10268 <b>Borehole TVD:</b> 9494 <b>Rkb Elevation:</b> 100 <b>Water Depth:</b> 225 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7247	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9040 / 8353	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 247	Date of Summary:	First Sample Examined: 0
Lease Number: G01028	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9946
Well Name: F017	Paleo Done By: OPERATOR	Borehole TVD: 9503
API Well Number: 177124022901	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 19-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7540 / 7181	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8600 / 8241	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 248	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01028	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14000
<b>Well Name:</b> D010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12233
<b>API Well Number:</b> 177124017900	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 12-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 / 6800	POS AT Middle Pleistocene	DEF AT 0
10870 / 9640	POS AT Upper Pliocene	DEF AT 0
12320 / 10861	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 248	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: G01029	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7752
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7752
API Well Number: 177124023800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 23-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5365 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 248	Date of Summary: 08-JUN-1998	First Sample Examined: 0
Lease Number: G01030	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13016
Well Name: D011	Paleo Done By: OPERATOR	Borehole TVD: 12529
API Well Number: 177124018500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 25-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 8940	DEF AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 248	Date of Summary: 06-AUG-2001	First Sample Examined: 0
Lease Number: G01030	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12375
Well Name: D019	Paleo Done By: OPERATOR	Borehole TVD: 11785
API Well Number: 177124021500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 22-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9430 / 8854	POS AT Pliocene	DEF AT 0
11120 / 10539	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 249	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G01030	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14714
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13561
API Well Number: 177124026300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 06-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5560 / 5520	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6940 / 6764	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11140 /10467	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
14410 /13298	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
14620 /13480	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 31-OCT-1983	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7136
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 6941
API Well Number: 177124029300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 14-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4829 / 4644	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7136
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 6941
API Well Number: 177124029300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 14-NOV-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4829 / 4644	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5343 / 5153	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6586 / 6393	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 12-DEC-2000	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9950
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 9469
API Well Number: 177124024200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 02-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4318	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5980 / 5558	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9000 / 8519	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9840 / 9359	POS AT Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 18-JAN-2001	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7607
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 6374
API Well Number: 177124024600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 19-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3211	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5050 / 4042	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6225 / 5037	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7453 / 6223	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 14-OCT-1992	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9606
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 9100
API Well Number: 177124025300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 12-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
10600 /	POS AT Lower Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 12-APR-1994	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10690
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 9379
API Well Number: 177124025301	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 07-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9240 / 7996	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9883 / 8585	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
10511 / 9202	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 04-MAR-1997	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7249
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 6151
API Well Number: 177124025400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 05-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 / 4581	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5776 / 4877	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7022 / 5952	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 23-MAR-1982	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13947
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 12837
API Well Number: 177124025500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5560 / 5286	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 19-OCT-1992	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7141
Well Name: E006	Paleo Done By: OPERATOR	Borehole TVD: 6405
API Well Number: 177124026600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 18-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4675 / 4116	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 23-MAR-1982	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6981
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 6628
API Well Number: 177124026800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 28-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5080 / 4748	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5950 / 5605	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 19-JAN-2001	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7654
Well Name: E008	Paleo Done By: OPERATOR	Borehole TVD: 6443
API Well Number: 177124027600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 23-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5631 / 4474	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6790 / 5586	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7275 / 6067	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 13-APR-1982	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7654
Well Name: E009	Paleo Done By: OPERATOR	Borehole TVD: 5592
API Well Number: 177124027700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 13-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6985 / 4948	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7654
Well Name: E009	Paleo Done By: OPERATOR	Borehole TVD: 5592
API Well Number: 177124027700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 13-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7083 / 5041	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 15-SEP-1982	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8763
Well Name: E010	Paleo Done By: OPERATOR	Borehole TVD: 6424
API Well Number: 177124027800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 29-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 5499	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9701
Well Name: E011	Paleo Done By: OPERATOR	Borehole TVD: 9049
API Well Number: 177124028200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 01-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9401 / 8749	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 30-NOV-1982	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8580
Well Name: E012	Paleo Done By: OPERATOR	Borehole TVD: 7787
API Well Number: 177124028400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 13-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6062 / 5480	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 253	Date of Summary: 03-FEB-1999	First Sample Examined: 0
Lease Number: G01529	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10280
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 9600
API Well Number: 177124029400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 22-DEC-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4805 / 4661	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5387 / 5171	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6854 / 6455	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 257	Date of Summary: 08-APR-1985	First Sample Examined: 0
Lease Number: G06742	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11717
API Well Number: 177124032200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7819	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9120 / 9113	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9340 / 9326	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12330 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 259	Date of Summary: 23-NOV-1982	First Sample Examined: 4285
Lease Number: G05044	Source of Paleo: OPERATOR	Borehole MD: 15366
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15297
API Well Number: 177124028500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 146
Public Info Code: Y 12-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7981 / 7981	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
15290 / 15225	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 261	Date of Summary: 18-JUL-1991	First Sample Examined: 0
Lease Number: G06744	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4700
API Well Number: 177124045800	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 242
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 / 1630	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2350 / 2350	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
4120 / 4120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4210 / 4210	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 261	Date of Summary: 31-OCT-1991	First Sample Examined: 0
Lease Number: G06744	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8680
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8290
API Well Number: 177124046100	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1620 / 1620	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2010 / 2010	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
3750 / 3750	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3780 / 3780	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 261	<b>Date of Summary:</b> 13-MAR-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06744	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8680
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8290
<b>API Well Number:</b> 177124046100	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 165
<b>Public Info Code:</b> Y 14-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5360 / 5360	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7400 / 7220	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
8300 / 7973	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 261	Date of Summary: 19-AUG-1992	First Sample Examined: 3510
Lease Number: G06744	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14996
API Well Number: 177124046600	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 3510 - 15000	Water Depth: 160
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3510	DEF AT first sample examined	DEF AT 0
3511 / 3511	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4590 / 4590	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
5010 / 5010	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
6150 / 6150	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6600 / 6600	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7140 / 7140	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
7230 / 7230	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7620 / 7620	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
7890 / 7890	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8430 / 8430	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
12150 / 12147	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
15000 / 14995	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 261	Date of Summary: 20-AUG-1992	First Sample Examined: 3510
Lease Number: G06744	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14996
API Well Number: 177124046600	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 3510 - 15000	Water Depth: 160
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3510	DEF AT first sample examined	DEF AT 3
3511 / 3511	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5070 / 5070	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6150 / 6150	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6300 / 6300	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6630 / 6630	DEF AT faunal change (no faunal increase)	DEF AT 4
7140 / 7140	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7290 / 7290	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7350 / 7350	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8100 / 8100	DEF AT faunal change (no faunal increase)	DEF IN 5
8460 / 8460	DEF AT faunal change (no faunal increase)	DEF AT 5
12180 / 12177	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	POS AT 6
15000 / 14995	DEF AT last sample examined	POS AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 271	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01038	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9174
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8224
<b>API Well Number:</b> 177124018200	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 214
<b>Public Info Code:</b> Y 30-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6390 / 5537	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7440 / 6526	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 271	Date of Summary: 03-JAN-1990	First Sample Examined: 0
Lease Number: G01038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9150
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8407
API Well Number: 177124018700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 27-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6930 / 6393	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 271	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: G01038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7646
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 7100
API Well Number: 177124026100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 21-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6685 / 6272	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 271	Date of Summary: 03-JAN-1990	First Sample Examined: 0
Lease Number: G01038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7646
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 7100
API Well Number: 177124026100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 21-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7147 / 6678	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 271	Date of Summary: 03-JAN-1990	First Sample Examined: 0
Lease Number: G01038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9280
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 6998
API Well Number: 177124026400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 03-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7794 / 5918	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8014 / 6075	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 271	<b>Date of Summary:</b> 03-JAN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01038	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7585
<b>Well Name:</b> B009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6998
<b>API Well Number:</b> 177124026700	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 213
<b>Public Info Code:</b> Y 26-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6698 / 6209	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 276	Date of Summary: 07-NOV-1983	First Sample Examined: 1300
Lease Number: G05564	Source of Paleo: OPERATOR	Borehole MD: 12821
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12370
API Well Number: 177124030200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1300 - 12821	Water Depth: 220
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1299	DEF AT first sample examined	DEF IN 2
1690 / 1687	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
1900 / 1896	DEF AT faunal change (no faunal increase)	DEF AT 3
3670 / 3642	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5200 / 5119	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6550 / 6389	DEF AT faunal change (no faunal increase)	DEF AT 4
7240 / 7027	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7750 / 7500	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8590 / 8282	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9190 / 8832	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
12520 /	DEF AT faunal change (no faunal increase)	DEF AT 6
12730 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
12821 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 279	Date of Summary: 07-JUL-1990	First Sample Examined: 2000
Lease Number: G10787	Source of Paleo: OPERATOR	Borehole MD: 8400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8400
API Well Number: 177124042400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 2000 - 8400	Water Depth: 193
Public Info Code: Y 22-DEC-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF AT first sample examined	DEF AT 2
2089 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 2
2090 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
3080 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3760 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5630 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5750 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5840 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 3
5870 /	DEF AT faunal change (no faunal increase)	DEF IN 1
6680 /	DEF AT faunal change (no faunal increase)	DEF IN 3
6980 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 3
7040 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7070 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
7430 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
7640 /	DEF AT faunal change (no faunal increase)	DEF IN 3
7820 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8090 /	DEF AT faunal change (no faunal increase)	DEF IN 3
8390 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
8400 /	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 282	Date of Summary: 18-NOV-1988	First Sample Examined: 0
Lease Number: G05569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15002
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13512
API Well Number: 177124036601	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 16-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2590 / 2585	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
3250 / 3240	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4030 / 4011	DEF AT faunal change (no faunal increase)	DEF AT 4
5320 / 5275	DEF AT faunal change (no faunal increase)	DEF AT 5
5470 / 5421	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7670 / 7537	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
7850 / 7707	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
8240 / 8075	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8570 / 8384	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8600 / 8412	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
9110 / 8876	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9530 / 9230	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
12200 / 11271	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 5
14510 / 13069	DEF AT faunal change (no faunal increase)	DEF AT 6
14540 / 13092	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 283	Date of Summary: 07-JUL-1988	First Sample Examined: 1250
Lease Number: G06747	Source of Paleo: OPERATOR	Borehole MD: 8200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8200
API Well Number: 177124036500	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1250 - 8200	Water Depth: 178
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 /	DEF AT first sample examined	DEF IN 2
2090 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2180 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5900 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5930 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8200 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 19-APR-1978	First Sample Examined: 1350
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 6695
Well Name: A016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6406
API Well Number: 177124017700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 6660	Water Depth: 240
Public Info Code: Y 09-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 2
1560 / 1560	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5310 / 5145	DEF AT -----	DEF AT 4
6270 / 6017	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6660 / 6374	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 31-JUL-1978	First Sample Examined: 1350
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 3111
Well Name: A019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2416
API Well Number: 177124018300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 2860	Water Depth: 240
Public Info Code: Y 12-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1316	DEF AT first sample examined	DEF AT 0
1860 / 1712	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2860 / 2284	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 20-OCT-1978	First Sample Examined: 1014
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 3042
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2343
API Well Number: 177124019100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1014 - 2640	Water Depth: 240
Public Info Code: Y 10-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1014 / 1000	POS AT first sample examined	DEF IN 3
1800 / 1597	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
1950 / 1684	DEF AT -----	DEF AT 3
2640 / 2080	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 16-JAN-1978	First Sample Examined: 1350
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 6715
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6394
API Well Number: 177124017200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 4940	Water Depth: 240
Public Info Code: Y 24-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 2
1650 / 1650	DEF AT -----	DEF AT 3
1680 / 1680	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
1950 / 1950	DEF AT -----	DEF AT 3
3090 / 3059	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4230 / 4121	DEF AT -----	DEF AT 4
4940 / 4782	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 06-FEB-1978	First Sample Examined: 1350
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 9262
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6386
API Well Number: 177124017300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 9270	Water Depth: 217
Public Info Code: Y 05-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 / 1350	DEF AT first sample examined	DEF IN 2
1640 / 1639	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
3410 / 3061	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5140 / 4011	DEF AT -----	DEF AT 4
7590 / 5427	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7950 / 5631	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9270 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 21-MAR-1978	First Sample Examined: 1400
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 6796
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6389
API Well Number: 177124017600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1400 - 6850	Water Depth: 240
Public Info Code: Y 08-APR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 / 1400	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
3750 / 3618	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5570 / 5265	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5960 / 5622	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6850 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 291	<b>Date of Summary:</b> 12-MAY-1978	<b>First Sample Examined:</b> 1350
<b>Lease Number:</b> G03170	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9359
<b>Well Name:</b> A017	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6419
<b>API Well Number:</b> 177124017800	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1350 - 9330	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 31-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 2
1580 / 1579	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
1700 / 1698	DEF AT -----	DEF AT 3
3590 / 3139	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5070 / 3977	DEF AT -----	DEF AT 4
6870 / 5032	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7950 / 5614	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9330 / 6402	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 23-OCT-1992	First Sample Examined: 0
Lease Number: G03170	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9359
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 6419
API Well Number: 177124017800	Drilling Operator: TORCH ENERGY SERVICES INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 4996	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7852 / 5558	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8235 / 5776	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 291	<b>Date of Summary:</b> 11-JUL-1978	<b>First Sample Examined:</b> 5500
<b>Lease Number:</b> G03170	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7472
<b>Well Name:</b> A018	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6402
<b>API Well Number:</b> 177124016001	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5500 - 7480	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 06-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 4535	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6190 / 5133	DEF AT - - - - -	DEF AT 4
7480 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 17-AUG-1978	First Sample Examined: 1030
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7796
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6380
API Well Number: 177124018600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1030 - 7800	Water Depth: 240
Public Info Code: Y 13-SEP-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1960 / 1700	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2020 / 1737	DEF AT -----	DEF AT 4
2665 / 2125	DEF AT -----	DEF AT 3
3700 / 2795	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4630 / 3591	DEF AT -----	DEF AT 4
5650 / 4494	DEF AT sample gap top	DEF AT 0
6250 / 5036	DEF AT sample gap bottom	DEF AT 0
6660 / 5412	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7800 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 291	<b>Date of Summary:</b> 09-NOV-1978	<b>First Sample Examined:</b> 1450
<b>Lease Number:</b> G03170	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7826
<b>Well Name:</b> A023	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6234
<b>API Well Number:</b> 177124019900	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1450 - 6650	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 08-DEC-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1450 / 1345	DEF AT first sample examined	DEF IN 3
1900 / 1684	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
3600 / 2905	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5190 / 4056	DEF AT -----	POS AT 4
5670 / 4401	DEF AT -----	DEF AT 4
6650 / 5182	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 291	Date of Summary: 09-NOV-1978	First Sample Examined: 6650
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7826
Well Name: A023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6234
API Well Number: 177124019900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 6650 - 7836	Water Depth: 240
Public Info Code: Y 08-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 5182	DEF AT first sample examined	DEF AT 4
7836 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 295	<b>Date of Summary:</b> 24-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03999	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9203
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8996
<b>API Well Number:</b> 177124024700	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 245
<b>Public Info Code:</b> Y 08-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 / 2744	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5120 / 4989	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9121
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6943
API Well Number: 177124025200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2812	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9121
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6943
API Well Number: 177124025200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2812	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4720 / 4026	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7360 / 5722	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 05-OCT-1981	First Sample Examined: 3630
Lease Number: G03999	Source of Paleo: OPERATOR	Borehole MD: 6075
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5513
API Well Number: 177124026900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3630 - 6030	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3630 / 3213	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4500 / 3968	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6030 / 5469	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6075
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5513
API Well Number: 177124026900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 3968	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 23-JAN-1986	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6951
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5989
API Well Number: 177124026000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 2839	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4190 / 3768	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5360 / 4703	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9519
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177124025600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3710 / 3709	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5240 / 5155	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 15-MAY-1986	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9597
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9100
API Well Number: 177124025601	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3710 / 3710	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5240 / 5155	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 23-MAY-1983	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11434
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 10150
API Well Number: 177124027400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 4725	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7380 / 6606	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10390 / 9240	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 295	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G03999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4935
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 3900
API Well Number: 177124027000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 08-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 2635	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 298	Date of Summary: 12-FEB-1992	First Sample Examined: 0
Lease Number: G09629	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11493
API Well Number: 177124046500	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
8200 / 8200	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 301	Date of Summary:	First Sample Examined: 670
Lease Number: G05570	Source of Paleo: OPERATOR	Borehole MD: 6352
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5716
API Well Number: 177124031300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 670 - 6352	Water Depth: 248
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
670 / 670	DEF AT first sample examined	DEF AT 3
1240 / 1240	DEF AT faunal change (no faunal increase)	DEF AT 2
1480 / 1480	DEF AT faunal change (no faunal increase)	DEF AT 1
1690 / 1688	DEF AT faunal change (no faunal increase)	DEF AT 4
2290 / 2274	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3550 / 3395	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5410 / 4937	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6010 / 5432	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6352 / 5717	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 307	Date of Summary: 22-DEC-1986	First Sample Examined: 0
Lease Number: G06752	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9046
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9046
API Well Number: 177124034400	Drilling Operator: CONOCO INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 31-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 5440	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7590 / 7590	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8460 / 8459	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8700 / 8699	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 307	Date of Summary: 22-DEC-1986	First Sample Examined: 0
Lease Number: G06752	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8606
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8301
API Well Number: 177124034401	Drilling Operator: CONOCO INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 31-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 6177	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7860 / 7657	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 330	<b>Date of Summary:</b> 12-JAN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06755	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6411
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4829
<b>API Well Number:</b> 177124034900	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 366
<b>Public Info Code:</b> Y 27-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1520 / 1520	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4040 / 3420	DEF AT Illinoian fauna (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 330	Date of Summary: 08-FEB-1988	First Sample Examined: 0
Lease Number: G06755	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8873
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6579
API Well Number: 177124035700	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 366
Public Info Code: Y 27-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1520 / 1520	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4040 / 3579	DEF AT Illinoian fauna (local marker)	DEF AT 0
6400 / 5034	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 331	Date of Summary: 20-DEC-1989	First Sample Examined: 4460
Lease Number: G07761	Source of Paleo: OPERATOR	Borehole MD: 11735
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11587
API Well Number: 177124040600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 4460 - 10580	Water Depth: 360
Public Info Code: Y 30-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 / 4460	DEF AT first sample examined	DEF IN 3
4580 / 4580	DEF AT faunal change (no faunal increase)	DEF AT 4
5780 / 5774	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6920 / 6911	DEF AT faunal change (no faunal increase)	DEF AT 5
7160 / 7150	DEF AT faunal change (no faunal increase)	DEF AT 4
8240 / 8229	DEF AT faunal change (no faunal increase)	DEF AT 5
9950 / 9890	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10580 / 10499	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 331	Date of Summary: 20-DEC-1989	First Sample Examined: 9890
Lease Number: G07761	Source of Paleo: OPERATOR	Borehole MD: 11735
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11587
API Well Number: 177124040600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 9890 - 11737	Water Depth: 360
Public Info Code: Y 30-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=redrill

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9890 / 9832	DEF AT first sample examined	DEF IN 5
10070 / 10006	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11180 / 11074	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11420 / 11296	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
11737 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

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End Date: 31-DEC-1993

Area Block: SS 331	Date of Summary: 20-FEB-1990	First Sample Examined: 7070
Lease Number: G07761	Source of Paleo: OPERATOR	Borehole MD: 14537
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12782
API Well Number: 177124040601	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 7070 - 14537	Water Depth: 360
Public Info Code: Y 30-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7070 / 7062	DEF AT first sample examined	DEF IN 3
8060 / 8018	DEF AT faunal change (no faunal increase)	DEF AT 4
10280 / 9726	DEF AT faunal change (no faunal increase)	DEF AT 5
10310 / 9747	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
14480 / 12737	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14537 / 12782	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 332	<b>Date of Summary:</b> 16-MAR-1983	<b>First Sample Examined:</b> 690
<b>Lease Number:</b> G04826	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13551
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13368
<b>API Well Number:</b> 177124029000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 690 - 13530	<b>Water Depth:</b> 442
<b>Public Info Code:</b> Y 30-DEC-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: 13500=Globigerinoides extremus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
690 / 690	DEF AT Holocene recent fauna	DEF AT 3
830 / 830	POS IN Holocene recent fauna	DEF AT 3
860 / 860	DEF AT sample gap top	DEF AT 0
1559 / 1559	DEF AT sample gap bottom	DEF AT 0
1560 / 1560	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1590 / 1590	DEF AT -----	DEF AT 4
1830 / 1830	DEF AT -----	DEF AT 3
3960 / 3960	DEF AT -----	DEF AT 2
4230 / 4230	DEF AT -----	DEF AT 3
5100 / 5100	DEF AT -----	DEF AT 4
5220 / 5220	DEF AT -----	DEF AT 3
5340 / 5340	DEF AT -----	DEF AT 4
6480 / 6479	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6510 / 6509	DEF AT -----	DEF AT 5
6660 / 6658	DEF AT -----	DEF AT 4
7920 / 7903	DEF AT -----	DEF AT 5
10920 / 10843	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11460 / 11358	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12990 / 12827	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
13500 / 13319	DEF AT local marker (general)	DEF AT 4
13530 / 13348	DEF AT last sample examined	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 332	<b>Date of Summary:</b> 28-APR-1983	<b>First Sample Examined:</b> 690
<b>Lease Number:</b> G04826	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13551
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13368
<b>API Well Number:</b> 177124029000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 690 - 13530	<b>Water Depth:</b> 442
<b>Public Info Code:</b> Y 30-DEC-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: 13500=Globigerinoides extremus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
690 / 690	DEF AT Holocene recent fauna	DEF AT 3
830 / 830	DEF AT sample gap top	DEF AT 0
1559 / 1559	DEF AT sample gap bottom	DEF AT 0
1560 / 1560	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1830 / 1830	DEF AT -----	DEF AT 3
3960 / 3960	DEF AT -----	DEF AT 2
4230 / 4230	DEF AT -----	DEF AT 3
5100 / 5100	DEF AT -----	DEF AT 4
5220 / 5220	DEF AT -----	DEF AT 3
5400 / 5400	DEF AT -----	DEF AT 4
6480 / 6479	DEF AT -----	DEF AT 5
6510 / 6509	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6660 / 6658	DEF AT -----	DEF AT 4
10920 /10843	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11460 /11358	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12990 /12827	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
13500 /13319	DEF AT local marker (general)	DEF AT 5
13530 /13348	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 332	<b>Date of Summary:</b> 17-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04826	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13551
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13368
<b>API Well Number:</b> 177124029000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 442
<b>Public Info Code:</b> Y 30-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6480 / 6479	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11460 / 11358	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12990 / 12827	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 332	Date of Summary: 28-APR-1983	First Sample Examined: 0
Lease Number: G04826	Source of Paleo: OPERATOR	Borehole MD: 14350
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13040
API Well Number: 177124029001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 442
Public Info Code: Y 30-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11490 /10773	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12000 /11178	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
14340 /	DEF AT last sample examined	DEF AT 0

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End Date: 31-DEC-1993

Area Block: SS 332	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G04826	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14350
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13040
API Well Number: 177124029001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 442
Public Info Code: Y 30-DEC-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
6480 / 6479	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11460 / 10749	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12990 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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End Date: 31-DEC-1993

<b>Area Block:</b> SS 332	<b>Date of Summary:</b> 17-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04826	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14350
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13040
<b>API Well Number:</b> 177124029001	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 442
<b>Public Info Code:</b> Y 30-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
6510 / 6509	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11490 / 10773	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 332	<b>Date of Summary:</b> 22-NOV-1983	<b>First Sample Examined:</b> 9500
<b>Lease Number:</b> G04826	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13835
<b>Well Name:</b> A001	<b>Paleo Done By:</b> DAVID D. REIMERS	<b>Borehole TVD:</b> 13064
<b>API Well Number:</b> 177124029900	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9500 - 13835	<b>Water Depth:</b> 432
<b>Public Info Code:</b> Y 30-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=nannos; from 9500 to 11260, samples are barren

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 8977	DEF AT first sample examined	DEF AT 0
11350 /10598	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
13270 /12500	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
13420 /12650	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
13835 /13064	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 336	Date of Summary: 01-SEP-1989	First Sample Examined: 1520
Lease Number: G06756	Source of Paleo: OPERATOR	Borehole MD: 9272
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8837
API Well Number: 177124039600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1520 - 9272	Water Depth: 340
Public Info Code: Y 19-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1520 / 1520	DEF AT first sample examined	DEF AT 5
1970 / 1970	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
2090 / 2090	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
2240 / 2240	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT 5
3620 / 3614	DEF AT faunal change (no faunal increase)	DEF AT 4
4610 / 4521	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5020 / 4882	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5390 / 5203	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 5
5480 / 5282	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5930 / 5682	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
6650 / 6345	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
6740 / 6430	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7100 / 6768	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
8180 / 7797	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8360 / 7968	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
8420 / 8025	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8480 / 8082	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8540 / 8139	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
8600 / 8196	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8810 / 8396	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 5
8840 / 8425	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9140 / 8711	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 336	Date of Summary: 01-SEP-1989	First Sample Examined: 1520
Lease Number: G06756	Source of Paleo: OPERATOR	Borehole MD: 9272
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8837
API Well Number: 177124039600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1520 - 9272	Water Depth: 340
Public Info Code: Y 19-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9272 / 8837	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 339	<b>Date of Summary:</b> 26-DEC-1984	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G06757	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9770
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9770
<b>API Well Number:</b> 177124031500	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1500 - 9970	<b>Water Depth:</b> 351
<b>Public Info Code:</b> Y 23-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2250 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
4620 /	DEF AT sample gap top	DEF AT 0
4920 /	DEF AT sample gap bottom	DEF AT 0
4980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6030 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7320 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
8070 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8340 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8640 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9060 /	DEF AT faunal change (no faunal increase)	DEF IN 5
9330 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
9450 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
9600 /	DEF AT anhydrite	DEF IN 5
9970 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 342	<b>Date of Summary:</b> 09-JAN-1990	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G07764	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15603
<b>API Well Number:</b> 177124039700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1560 - 16500	<b>Water Depth:</b> 375
<b>Public Info Code:</b> Y 31-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	POS AT 5
6960 / 6960	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11610 /11224	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
12930 /12402	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14790 /14063	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
16500 /15605	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 346	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G05577	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13261
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13261
<b>API Well Number:</b> 177124029800	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 31
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3500 - 13260	<b>Water Depth:</b> 372
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 2
4800 /	DEF AT -----	DEF AT 3
5830 /	DEF AT -----	DEF AT 4
6600 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10000 /	DEF AT -----	DEF AT 5
10050 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10400 /	DEF AT -----	DEF AT 4
11190 /	DEF AT -----	DEF AT 5
11200 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11800 /	DEF AT -----	DEF AT 4
13260 /	DEF AT first sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 346	Date of Summary:	First Sample Examined: 8516
Lease Number: G05577	Source of Paleo: OPERATOR	Borehole MD: 14114
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177124029801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 8516 - 14114	Water Depth: 372
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8516 / 8158	DEF AT first sample examined	DEF AT 4
10180 / 9631	DEF AT faunal change (no faunal increase)	DEF AT 5
10230 / 9676	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10600 / 10020	DEF AT faunal change (no faunal increase)	DEF AT 4
11540 / 10932	DEF AT faunal change (no faunal increase)	DEF AT 5
11880 / 11269	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14114 / 13500	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 350	<b>Date of Summary:</b> 07-MAR-1989	<b>First Sample Examined:</b> 3380
<b>Lease Number:</b> G08716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 177124038200	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 3380 - 8000	<b>Water Depth:</b> 332
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 /	DEF AT first sample examined	DEF AT 0
4280 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
4970 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
5630 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
5840 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
6920 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7100 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
7550 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
8000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 350	Date of Summary: 08-MAR-1989	First Sample Examined: 3380
Lease Number: G08716	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 177124038200	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 70
Paleo Report Num: 2 of 3	Sample Range: 3380 - 8000	Water Depth: 332
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3380 /	DEF AT first sample examined	DEF IN 4
3470 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4280 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4490 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6920 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7610 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
7880 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 350	Date of Summary: 09-MAY-1989	First Sample Examined: 0
Lease Number: G08716	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177124038200	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 70
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4280 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
4330 /	DEF AT - - - - -	DEF AT 5
5630 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
6920 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7100 /	POS IN Pliocene	DEF AT 5
7550 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 350	<b>Date of Summary:</b> 14-AUG-1989	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G08716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8562
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 177124039400	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3500 - 8550	<b>Water Depth:</b> 340
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3411	DEF AT first sample examined	POS AT 5
3501 / 3412	DEF IN cement	POS AT 5
3770 / 3656	DEF AT faunal change (no faunal increase)	DEF IN 5
4790 / 4583	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7760 / 7302	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7830 / 7366	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8010 / 7532	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8550 / 8028	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 350	<b>Date of Summary:</b> 14-AUG-1989	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G08716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8562
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 177124039400	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3500 - 8550	<b>Water Depth:</b> 340
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3411	DEF AT first sample examined	DEF AT 0
4400 / 4229	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4670 / 4474	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
4940 / 4719	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
6140 / 5812	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6500 / 6143	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7830 / 7366	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
7920 / 7449	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8100 / 7614	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8190 / 7697	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
8550 / 8028	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 350	<b>Date of Summary:</b> 28-AUG-1989	<b>First Sample Examined:</b> 5646
<b>Lease Number:</b> G08716	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8196
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7189
<b>API Well Number:</b> 177124039401	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5646 - 8210	<b>Water Depth:</b> 340
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5646 / 5358	DEF AT first sample examined	DEF AT 0
6260 / 5898	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
6530 / 6110	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7640 / 6836	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
7820 / 6950	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8000 / 7064	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
8210 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 350	Date of Summary: 29-AUG-1989	First Sample Examined: 5646
Lease Number: G08716	Source of Paleo: OPERATOR	Borehole MD: 8196
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7189
API Well Number: 177124039401	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 5646 - 8210	Water Depth: 340
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5646 / 5358	DEF AT first sample examined	DEF IN 5
7640 / 6836	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 5
7820 / 6950	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8210 /	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 350	Date of Summary: 16-OCT-1989	First Sample Examined: 0
Lease Number: G08716	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8196
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7189
API Well Number: 177124039401	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6110 / 5773	DEF AT Aftonian fauna (local marker)	DEF AT 0
6800 / 6301	POS AT Pliocene	DEF AT 0

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 351	Date of Summary: 17-JUL-1986	First Sample Examined: 1460
Lease Number: G05580	Source of Paleo: OPERATOR	Borehole MD: 9689
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9689
API Well Number: 177124033700	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1460 - 9680	Water Depth: 380
Public Info Code: Y 01-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1460 /	DEF AT first sample examined	DEF AT 2
1610 /	DEF AT faunal change (no faunal increase)	DEF IN 3
1670 /	DEF AT sample gap top	POS IN 3
2300 /	DEF AT sample gap bottom	DEF AT 4
2360 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2420 /	DEF AT sample gap top	POS AT 4
2870 /	DEF AT sample gap bottom	DEF AT 4
3880 /	DEF AT local marker (general)	DEF AT 4
4340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5210 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6350 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7100 /	DEF AT sample gap top	POS AT 5
7160 /	DEF AT sample gap bottom	DEF AT 4
7400 /	DEF AT sample gap top	POS AT 4
8030 /	DEF AT sample gap bottom	DEF AT 4
8060 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8240 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8270 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8300 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9080 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9620 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 351	Date of Summary: 17-JUL-1986	First Sample Examined: 1460
Lease Number: G05580	Source of Paleo: OPERATOR	Borehole MD: 9689
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9689
API Well Number: 177124033700	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1460 - 9680	Water Depth: 380
Public Info Code: Y 01-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9680 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 351	Date of Summary: 11-SEP-1987	First Sample Examined: 0
Lease Number: G05580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7536
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7536
API Well Number: 177124034700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 375
Public Info Code: Y 01-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 /	POS IN Pleistocene	DEF AT 0
6170 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 351	Date of Summary: 14-SEP-1987	First Sample Examined: 0
Lease Number: G05580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9646
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7863
API Well Number: 177124034701	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 375
Public Info Code: Y 01-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 / 3575	POS IN Pleistocene	DEF AT 0
7950 / 6601	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 353	Date of Summary: 24-OCT-1989	First Sample Examined: 2000
Lease Number: G06759	Source of Paleo: OPERATOR	Borehole MD: 9717
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9714
API Well Number: 177124038700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2000 - 9734	Water Depth: 425
Public Info Code: Y 20-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF IN 2
2510 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3200 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3410 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3560 /	DEF AT local marker (general)	DEF AT 4
4400 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5600 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6620 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6800 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7610 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8780 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9020 /	DEF AT faunal change (no faunal increase)	DEF AT 6
9200 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
9290 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9734 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 353	<b>Date of Summary:</b> 24-OCT-1989	<b>First Sample Examined:</b> 2000
<b>Lease Number:</b> G06759	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9717
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9714
<b>API Well Number:</b> 177124038700	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2000 - 9734	<b>Water Depth:</b> 425
<b>Public Info Code:</b> Y 20-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF AT first sample examined	DEF AT 0
4130 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
6620 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
7190 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
7610 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
7730 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
8780 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
8810 /	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8899 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
8900 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
9289 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
9290 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 0
9734 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 355	Date of Summary: 19-JUL-1991	First Sample Examined: 2060
Lease Number: G10809	Source of Paleo: OPERATOR	Borehole MD: 14600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14600
API Well Number: 177124045300	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 84
Paleo Report Num: 1 of 4	Sample Range: 2060 - 13750	Water Depth: 515
Public Info Code: Y 19-MAY-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2060 / 2060	DEF AT first sample examined	POS AT 4
2061 / 2061	DEF IN cement	POS AT 4
2360 / 2360	DEF AT faunal change (no faunal increase)	DEF AT 4
2450 / 2450	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
4340 / 4340	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4580 / 4580	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4730 / 4730	DEF AT faunal change (no faunal increase)	DEF AT 5
9170 / 9170	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9680 / 9680	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11030 / 11029	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
13580 / 13570	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13700 / 13690	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13750 / 13739	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 355	Date of Summary: 19-JUL-1991	First Sample Examined: 2060
Lease Number: G10809	Source of Paleo: OPERATOR	Borehole MD: 14600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14600
API Well Number: 177124045300	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 84
Paleo Report Num: 2 of 4	Sample Range: 2060 - 13750	Water Depth: 515
Public Info Code: Y 19-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=nannos

MD / TVD	Paleo Top Description	Ecozone
2060 / 2060	DEF AT first sample examined	DEF AT 0
4730 / 4730	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
9048 / 9048	DEF AT condensed section	DEF AT 0
9049 / 9049	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 0
9050 / 9050	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 0
9590 / 9590	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10970 /10969	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
13580 /13570	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 0
13670 /13660	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
13700 /13690	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
13750 /13739	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 355	<b>Date of Summary:</b> 19-JUL-1991	<b>First Sample Examined:</b> 13760
<b>Lease Number:</b> G10809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14600
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14600
<b>API Well Number:</b> 177124045300	<b>Drilling Operator:</b> BHP BILLITON PETROLEUM (AMERICAS) INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 13760 - 14600	<b>Water Depth:</b> 515
<b>Public Info Code:</b> Y 19-MAY-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13760 /13749	DEF AT first sample examined	DEF IN 5
13761 /13750	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
14600 /14587	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 355	Date of Summary: 19-JUL-1991	First Sample Examined: 13760
Lease Number: G10809	Source of Paleo: OPERATOR	Borehole MD: 14600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14600
API Well Number: 177124045300	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 84
Paleo Report Num: 4 of 4	Sample Range: 13760 - 14600	Water Depth: 515
Public Info Code: Y 19-MAY-1992	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=nannos=sidetrack; no diagnostic coccolith markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13760 /13749	DEF AT first sample examined	DEF AT 0
14600 /14587	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 358	Date of Summary: 29-AUG-1985	First Sample Examined: 0
Lease Number: G05585	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9304
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9059
API Well Number: 177124032100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 438
Public Info Code: Y 01-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3836	POS AT Middle Pleistocene	DEF AT 0
6330 / 6084	POS AT Lower Pleistocene	DEF AT 0
7400 /	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SS 358	<b>Date of Summary:</b> 15-OCT-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05585	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9606
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9455
<b>API Well Number:</b> 177124032101	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 438
<b>Public Info Code:</b> Y 01-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3589	POS AT Middle Pleistocene	DEF AT 0
6690 / 6537	POS AT Lower Pleistocene	DEF AT 0
7110 / 6956	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 359	Date of Summary: 09-MAR-1988	First Sample Examined: 0
Lease Number: G05586	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7770
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7364
API Well Number: 177124035200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 410
Public Info Code: Y 01-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2740 / 2713	POS IN Pleistocene	DEF AT 0
6280 / 5951	POS AT Pliocene	DEF AT 0
7720 / 7316	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 364	Date of Summary: 20-MAR-1986	First Sample Examined: 0
Lease Number: G07765	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15200
API Well Number: 177124032900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 459
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 /	POS AT Middle Pleistocene	DEF AT 0
11230 /	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 364	Date of Summary: 22-AUG-1988	First Sample Examined: 0
Lease Number: G07765	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4581
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4546
API Well Number: 177124035500	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 410
Public Info Code: Y 30-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1784	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2800 / 2765	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3810 / 3774	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4200 / 4164	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

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Area Block: SS 366	Date of Summary: 24-OCT-1983	First Sample Examined: 1340
Lease Number: G05588	Source of Paleo: OPERATOR	Borehole MD: 8203
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8203
API Well Number: 177124030300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1340 - 8203	Water Depth: 453
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1340 /	DEF AT first sample examined	DEF IN 3
2180 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
6200 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6500 /	POS AT gouge	DEF AT 6
6950 /	DEF AT out-of-place section	DEF AT 6
7160 /	DEF AT drilling material	DEF AT 6
7161 /	DEF AT caprock	DEF AT 6
8203 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 366	Date of Summary: 13-JUN-1985	First Sample Examined: 1500
Lease Number: G05588	Source of Paleo: OPERATOR	Borehole MD: 15565
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15565
API Well Number: 177124032600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 1500 - 15567	Water Depth: 416
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2160 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2910 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3740 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4310 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4400 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4910 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5780 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6800 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9320 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9890 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10070 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10340 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15567 /	DEF AT last sample examined	DEF AT 0

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End Date: 31-DEC-1993

<b>Area Block:</b> SS 366	<b>Date of Summary:</b> 20-JUL-1985	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G05588	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15565
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15565
<b>API Well Number:</b> 177124032600	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1500 - 15560	<b>Water Depth:</b> 416
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF AT 0
2850 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
6260 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 0
9139 /	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 0
9140 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
9320 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 0
10040 /	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
11750 /	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
14030 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
15567 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SS 368	Date of Summary: 25-APR-1988	First Sample Examined: 4500
Lease Number: G05590	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177124036000	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4500 - 9500	Water Depth: 458
Public Info Code: Y 27-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT
4860 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5100 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5520 /	DEF AT cement	DEF AT
5700 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5880 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6990 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
7020 /	DEF AT cement	DEF AT
7110 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7290 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
7320 /	DEF AT pyrite	DEF AT 5
8670 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
8880 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
8999 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9000 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9090 /	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
9390 /	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 5
9450 /	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
9500 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 22	Date of Summary: 28-APR-1983	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10760
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 9296
API Well Number: 177154052400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 23-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5603 / 5602	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6814 / 6754	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
9028 / 8264	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9575 / 8596	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
10303 / 9026	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10750 / 9290	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 22	Date of Summary: 28-OCT-1983	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12635
Well Name: C017	Paleo Done By: OPERATOR	Borehole TVD: 11847
API Well Number: 177154055100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 28-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10718 /10037	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11112 /10410	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11392 /10675	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 22	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12400
Well Name: C018	Paleo Done By: OPERATOR	Borehole TVD: 11893
API Well Number: 177154055600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 20-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10483 /10083	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10939 /10505	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11095 /10650	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11825 /11345	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 23	Date of Summary: 26-SEP-1996	First Sample Examined: 0
Lease Number: 00166	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13206
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 12422
API Well Number: 177154030000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 23-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9778 / 9771	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 26	<b>Date of Summary:</b> 21-JUN-1978	<b>First Sample Examined:</b> 9500
<b>Lease Number:</b> G01870	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15665
<b>Well Name:</b> 015	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15665
<b>API Well Number:</b> 177154020300	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9500 - 12445	<b>Water Depth:</b> 58
<b>Public Info Code:</b> Y 13-AUG-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 /	DEF AT first sample examined	DEF AT 0
10360 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10361 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11180 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
12445 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 26	<b>Date of Summary:</b> 30-APR-1980	<b>First Sample Examined:</b> 12060
<b>Lease Number:</b> G01870	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12492
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12253
<b>API Well Number:</b> 177154033100	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 12060 - 12490	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 24-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12060 /11832	DEF AT first sample examined	DEF AT 0
12490 /12253	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 26	Date of Summary: 17-JUL-1980	First Sample Examined: 11510
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 12091
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 11750
API Well Number: 177154033400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 11510 - 11840	Water Depth: 57
Public Info Code: Y 25-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11510 /11199	DEF AT first sample examined	DEF AT 0
11840 /11522	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 26	Date of Summary: 15-JUN-1982	First Sample Examined: 11830
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 12710
Well Name: F019	Paleo Done By: OPERATOR	Borehole TVD: 10922
API Well Number: 177154047800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 11830 - 12670	Water Depth: 60
Public Info Code: Y 21-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11830 /10052	DEF AT first sample examined	DEF AT 0
12670 /10825	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 27	Date of Summary: 27-JUL-1995	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13164
Well Name: D009	Paleo Done By: OPERATOR	Borehole TVD: 11387
API Well Number: 177154046300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 22-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11824 /10228	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 27	<b>Date of Summary:</b> 29-NOV-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00165	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11747
<b>Well Name:</b> D012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10818
<b>API Well Number:</b> 177154046500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 25-SEP-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9072	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10360 / 9645	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10870 /10082	DEF AT local marker (general)	DEF AT 0
10990 /10183	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0
11020 /10208	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 27	Date of Summary: 17-MAY-1996	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11098
Well Name: D013	Paleo Done By: OPERATOR	Borehole TVD: 10435
API Well Number: 177154051900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 14-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10062 / 9609	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 27	Date of Summary: 14-NOV-1995	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11196
Well Name: D014	Paleo Done By: OPERATOR	Borehole TVD: 10631
API Well Number: 177154042500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10413 / 9902	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 27	Date of Summary: 22-AUG-1995	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12664
Well Name: D017	Paleo Done By: OPERATOR	Borehole TVD: 10854
API Well Number: 177154050000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 11-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 / 9396	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 30	Date of Summary: 25-MAR-1991	First Sample Examined: 0
Lease Number: G08717	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3200
API Well Number: 177154077400	Drilling Operator: WAYMAN W BUCHANAN INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2995 / 2995	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3108 / 3108	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 35	Date of Summary: 20-FEB-1978	First Sample Examined: 8500
Lease Number: G03336	Source of Paleo: OPERATOR	Borehole MD: 14751
Well Name: D002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14287
API Well Number: 177154018800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8500 - 14680	Water Depth: 52
Public Info Code: Y 23-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8428	DEF AT first sample examined	DEF IN 3
9880 / 9692	DEF AT - - - - -	DEF AT 4
9940 / 9749	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11020 / 10775	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12460 / 12151	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13360 / 12995	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14680 / 14213	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 35	Date of Summary: 08-DEC-1978	First Sample Examined: 10630
Lease Number: G03336	Source of Paleo: OPERATOR	Borehole MD: 14108
Well Name: D004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13625
API Well Number: 177154022900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 10630 - 14080	Water Depth: 46
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10630 /10400	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11110 /10852	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12460 /12131	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13180 /12805	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14080 /13604	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 35	<b>Date of Summary:</b> 27-MAR-1979	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G03336	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14015
<b>Well Name:</b> D005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13698
<b>API Well Number:</b> 177154025300	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10000 - 13985	<b>Water Depth:</b> 46
<b>Public Info Code:</b> Y 31-MAR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9777	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10240 /10006	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11020 /10757	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12340 /12035	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13030 /12717	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13985 /13669	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 35	Date of Summary: 09-MAR-1979	First Sample Examined: 10000
Lease Number: G03336	Source of Paleo: OPERATOR	Borehole MD: 15006
Well Name: E002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14105
API Well Number: 177154020600	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10000 - 14950	Water Depth: 52
Public Info Code: Y 11-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Revised report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9300	DEF AT first sample examined	DEF IN 3
10325 / 9597	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11575 /10752	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12725 /11814	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13825 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14950 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 35	Date of Summary: 07-DEC-1978	First Sample Examined: 10330
Lease Number: G03336	Source of Paleo: OPERATOR	Borehole MD: 14840
Well Name: E004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13914
API Well Number: 177154023200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 10330 - 13575	Water Depth: 52
Public Info Code: Y 29-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10420 / 9856	DEF AT -----	DEF IN 4
11325 /10715	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11450 /10833	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13325 /12591	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13350 /12616	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13575 /12835	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 36	Date of Summary: 06-NOV-1978	First Sample Examined: 10030
Lease Number: G02624	Source of Paleo: OPERATOR	Borehole MD: 15377
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13953
API Well Number: 177154023700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10030 - 15372	Water Depth: 57
Public Info Code: Y 22-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10030 / 9223	DEF AT first sample examined	DEF IN 3
10600 / 9724	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11830 /10822	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12940 /11822	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14440 /13162	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15372 /13949	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 36	Date of Summary: 21-FEB-1979	First Sample Examined: 10000
Lease Number: G02624	Source of Paleo: OPERATOR	Borehole MD: 14740
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14234
API Well Number: 177154025900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 34
Paleo Report Num: 1 of 2	Sample Range: 10000 - 14806	Water Depth: 52
Public Info Code: Y 28-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9686	DEF AT first sample examined	DEF IN 4
11290 /10915	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12700 /12266	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13540 /13078	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14806 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 36	<b>Date of Summary:</b> 21-FEB-1979	<b>First Sample Examined:</b> 13780
<b>Lease Number:</b> G02624	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14740
<b>Well Name:</b> B007	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14234
<b>API Well Number:</b> 177154025900	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 34
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 13780 - 14440	<b>Water Depth:</b> 52
<b>Public Info Code:</b> Y 28-FEB-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13780 /13306	DEF AT first sample examined	DEF AT 4
14440 /13942	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 37	<b>Date of Summary:</b> 05-JUL-1978	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G02625	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14465
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14273
<b>API Well Number:</b> 177154020700	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10000 - 13810	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 12-JUL-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9939	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
10480 /10404	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11230 /11135	DEF AT sample gap top	DEF AT 0
11560 /11458	DEF AT sample gap bottom	DEF AT 0
12260 /12139	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13810 /13643	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 48	<b>Date of Summary:</b> 26-JAN-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08719	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11299
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11000
<b>API Well Number:</b> 177154070300	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 7157	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 50	Date of Summary: 17-OCT-1984	First Sample Examined: 0
Lease Number: G04119	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4570
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 4570
API Well Number: 177154033600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 02-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 /	DEF AT -----	DEF AT 3
4000 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 52	Date of Summary: 10-JUN-1997	First Sample Examined: 0
Lease Number: G01241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5150
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 5150
API Well Number: 177154055300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 08-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4929 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 05-AUG-1996	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177154030100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 04-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
11623 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 13-SEP-1996	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6853
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5519
API Well Number: 177154034400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 10-FEB-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5695 / 4624	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 03-JUN-1981	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6746
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177154037600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 01-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5795 / 4662	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6861
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5599
API Well Number: 177154038400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 12-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5666 / 4687	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 07-MAY-1997	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6820
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5607
API Well Number: 177154038500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 17-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5813 / 4667	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 03-JUN-1981	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6188
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5598
API Well Number: 177154038900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 23-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5064 / 4678	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 53	<b>Date of Summary:</b> 19-AUG-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04000	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7962
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5593
<b>API Well Number:</b> 177154039200	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 28-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6295 / 4667	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6073
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5612
API Well Number: 177154040400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 06-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4893 / 4644	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 19-AUG-1981	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5660
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5659
API Well Number: 177154040500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 22-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4684 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 17-MAR-1995	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6182
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5605
API Well Number: 177154041500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 14-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4989 / 4649	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 19-JAN-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6368
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 5625
API Well Number: 177154043500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 22-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5273 / 4682	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 11-APR-1995	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6368
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 5625
API Well Number: 177154043500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 22-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5049	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6039 / 5341	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 19-JAN-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6356
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 5641
API Well Number: 177154042400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 11-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5206 / 4650	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 53	<b>Date of Summary:</b> 19-AUG-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04000	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7541
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5665
<b>API Well Number:</b> 177154042300	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 22-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6151 / 4938	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 31-MAR-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6280
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 5607
API Well Number: 177154044000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 10-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5131 / 4636	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6485
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 5680
API Well Number: 177154042900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 07-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5260 / 4655	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 53	<b>Date of Summary:</b> 05-APR-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04000	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6785
<b>Well Name:</b> A016	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5609
<b>API Well Number:</b> 177154043600	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 27-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3108 / 2894	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6319
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5716
API Well Number: 177154045600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 24-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 53	<b>Date of Summary:</b> 28-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04000	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5893
<b>Well Name:</b> B002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5623
<b>API Well Number:</b> 177154045800	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 64
<b>Public Info Code:</b> Y 07-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4872 / 4673	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 26-NOV-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6034
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 5628
API Well Number: 177154046000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 22-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4912 / 4678	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 53	<b>Date of Summary:</b> 20-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04000	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5136
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5136
<b>API Well Number:</b> 177154047000	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 64
<b>Public Info Code:</b> Y 20-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 4680	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 53	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12576
Well Name: I001	Paleo Done By: OPERATOR	Borehole TVD: 11583
API Well Number: 177154031200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 04-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4336 / 4336	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 54	Date of Summary: 30-JUN-1994	First Sample Examined: 0
Lease Number: 00020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5641
Well Name: G006	Paleo Done By: OPERATOR	Borehole TVD: 5055
API Well Number: 177154052200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 01-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5047 / 4536	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 72	Date of Summary: 20-DEC-1978	First Sample Examined: 12000
Lease Number: G01244	Source of Paleo: OPERATOR	Borehole MD: 13870
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 13608
API Well Number: 177154025000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 12000 - 13562	Water Depth: 60
Public Info Code: Y 20-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /11820	DEF AT first sample examined	DEF AT 0
13562 /13313	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 72	Date of Summary: 31-JAN-1979	First Sample Examined: 12180
Lease Number: G01244	Source of Paleo: OPERATOR	Borehole MD: 13870
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 13608
API Well Number: 177154025000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 12180 - 13870	Water Depth: 60
Public Info Code: Y 20-FEB-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12180 /11992	DEF AT first sample examined	DEF AT 0
13400 /13159	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13870 /13609	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 75	<b>Date of Summary:</b> 06-AUG-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08443	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 18203
<b>Well Name:</b> E001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18187
<b>API Well Number:</b> 177154067600	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 16-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12820 /12819	DEF AT Cyclammina sp. (local marker)	DEF AT 0
13930 /13928	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
14440 /14436	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
16270 /16261	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 77	<b>Date of Summary:</b> 10-NOV-1983	<b>First Sample Examined:</b> 6606
<b>Lease Number:</b> G04827	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14470
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 14468
<b>API Well Number:</b> 177154055200	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6606 - 14450	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 05-DEC-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6606 / 6606	DEF AT first sample examined	DEF AT 2
8930 / 8929	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10760 /10759	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
12110 /12109	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12860 /12859	DEF AT local marker foram increase	DEF AT 4
13550 /13549	DEF AT local marker foram increase	DEF AT 5
13850 /13848	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 5
14450 /14448	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 77	Date of Summary: 01-DEC-1983	First Sample Examined: 0
Lease Number: G04827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14470
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14468
API Well Number: 177154055200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 05-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8930 / 8929	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10800 / 10799	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12110 / 12109	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13850 / 13848	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 77	Date of Summary: 29-AUG-1983	First Sample Examined: 4500
Lease Number: G04827	Source of Paleo: OPERATOR	Borehole MD: 16540
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14750
API Well Number: 177154049000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4500 - 16500	Water Depth: 65
Public Info Code: Y 15-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 2
4920 / 4920	DEF AT -----	DEF AT 4
5610 / 5610	DEF AT local marker (general)	DEF AT 3
5820 / 5820	DEF AT -----	DEF AT 3
6810 / 6810	DEF AT -----	DEF AT 2
9180 / 9069	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11700 /11061	DEF AT local marker (general)	DEF AT 3
13050 /12087	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13320 /12282	DEF AT -----	DEF AT 3
13920 /12740	DEF AT local marker foram increase	DEF AT 4
14580 /13250	DEF AT local marker foram increase	DEF AT 4
14850 /13461	DEF AT -----	DEF AT 3
15600 /14038	DEF AT -----	DEF AT 4
15690 /14108	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
16500 /14699	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 77	Date of Summary: 21-JUN-1993	First Sample Examined: 0
Lease Number: G04827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16540
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14750
API Well Number: 177154049000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 15-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9180 / 9069	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13050 / 12087	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
15690 / 14108	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 77	Date of Summary: 29-AUG-1983	First Sample Examined: 16272
Lease Number: G04827	Source of Paleo: OPERATOR	Borehole MD: 17560
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15798
API Well Number: 177154049001	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 16272 - 17520	Water Depth: 65
Public Info Code: Y 31-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16272 /14698	DEF AT first sample examined	POS AT 4
16273 /14699	DEF AT drilling material	POS AT 4
16980 /15263	DEF AT - - - - -	DEF AT 4
17070 /15335	DEF AT sample gap top	POS AT 4
17400 /15599	DEF AT sample gap bottom	DEF AT 5
17520 /15694	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 80	Date of Summary: 01-APR-1991	First Sample Examined: 0
Lease Number: G10818	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12100
API Well Number: 177154077900	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 04-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11600 /11599	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 84	Date of Summary: 16-NOV-1990	First Sample Examined: 0
Lease Number: G08444	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7073
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6582
API Well Number: 177154076300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	POS IN Pleistocene	DEF AT 0
5380 / 5196	POS AT Pliocene	DEF AT 0
7070 / 6580	POS IN Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

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<b>Area Block:</b> ST 84	<b>Date of Summary:</b> 21-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08444	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10199
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9528
<b>API Well Number:</b> 177154076301	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 78
<b>Public Info Code:</b> Y 30-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 / 3450	POS IN Pleistocene	DEF AT 0
5300 / 5190	POS AT Pliocene	DEF AT 0
10199 / 9528	POS IN Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 28-MAY-1982	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14262
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 14252
API Well Number: 177154031800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 18-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8595 / 8594	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary:	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8642
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 8639
API Well Number: 177154024700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 23-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8056 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8416 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary:	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12664
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 12642
API Well Number: 177154028300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 26-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8140 / 8134	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12470 / 12449	DEF AT Eggerella 3 (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 86	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00605	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13127
<b>Well Name:</b> 017	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12703
<b>API Well Number:</b> 177154028301	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 40
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 92
<b>Public Info Code:</b> Y 05-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11850 /11546	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11910 /11602	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 01-DEC-1983	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12404
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 12041
API Well Number: 177154054400	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 18-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6760 / 6759	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11445 / 11159	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13474
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 12467
API Well Number: 177154052600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 21-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4890	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7740 / 7734	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8710 / 8640	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11142 / 10818	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 10-JAN-1984	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13474
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 12467
API Well Number: 177154052600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 21-JUN-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4809 / 4809	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7740 / 7734	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8710 / 8640	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11142 / 10818	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 06-JUL-1984	First Sample Examined: 0
Lease Number: G01555	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14496
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13866
API Well Number: 177154041301	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 07-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12145 /11904	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13280 /12858	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 12-OCT-1983	First Sample Examined: 0
Lease Number: G01555	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14315
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14123
API Well Number: 177154053800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 07-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7726 / 7722	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11670 / 11497	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 86	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01555	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13615
<b>Well Name:</b> C002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13615
<b>API Well Number:</b> 177154011400	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 99
<b>Public Info Code:</b> Y 07-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7895 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8995 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11395 /	DEF AT Eggerella sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 12-MAY-1989	First Sample Examined: 0
Lease Number: G09367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4105
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4105
API Well Number: 177154071600	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 28-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3861 /	DEF AT caprock	DEF AT 0
4002 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 86	Date of Summary: 12-MAY-1989	First Sample Examined: 0
Lease Number: G09367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4646
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4646
API Well Number: 177154071700	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 28-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4466 /	DEF AT caprock	DEF AT 0
4646 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 103	<b>Date of Summary:</b> 21-AUG-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10826	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4850
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4850
<b>API Well Number:</b> 177154072500	<b>Drilling Operator:</b> NEWFIELD EXPLORATION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 26-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4750 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 106	<b>Date of Summary:</b> 30-AUG-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09643	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15998
<b>API Well Number:</b> 177154075600	<b>Drilling Operator:</b> EL PASO PRODUCTION GOM INC	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 66
<b>Public Info Code:</b> Y 31-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15507 /15505	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 144	Date of Summary: 10-AUG-1988	First Sample Examined: 0
Lease Number: G05605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10505
API Well Number: 177154070200	Drilling Operator: HUGHES-DENNY OFFSHORE EXPLORAT	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 02-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 / 5420	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6110 / 6110	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6770 / 6769	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9050 / 8803	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10605 / 10193	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 146	Date of Summary: 01-MAR-1990	First Sample Examined: 5130
Lease Number: G03176	Source of Paleo: OPERATOR	Borehole MD: 14660
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13350
API Well Number: 177154073000	Drilling Operator: CONOCO INC	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 5130 - 12780	Water Depth: 88
Public Info Code: Y 14-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5460 / 5290	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
5490 / 5315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7860 / 7354	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
7920 / 7407	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 0
8520 / 7942	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
8940 / 8318	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10740 / 9969	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
10860 / 10082	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 0
12000 / 11159	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 146	Date of Summary: 01-MAR-1990	First Sample Examined: 12780
Lease Number: G03176	Source of Paleo: OPERATOR	Borehole MD: 14660
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13350
API Well Number: 177154073000	Drilling Operator: CONOCO INC	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 12780 - 14640	Water Depth: 88
Public Info Code: Y 14-NOV-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12960 /12062	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
13140 /12224	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 0
14580 /13306	DEF AT local marker foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> ST 148 <b>Lease Number:</b> G01960 <b>Well Name:</b> A003 <b>API Well Number:</b> 177154015800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-SEP-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> C &amp; K OFFSHORE COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 15366 <b>Borehole TVD:</b> 15240 <b>Rkb Elevation:</b> 92 <b>Water Depth:</b> 110 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11030 /10898	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12480 /12346	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13710 /13576	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 148	Date of Summary: 19-JAN-1990	First Sample Examined: 0
Lease Number: G01960	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16360
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 15771
API Well Number: 177154039700	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 26-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11460 /11028	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
14360 /13774	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 148	Date of Summary: 08-NOV-1990	First Sample Examined: 0
Lease Number: G01960	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16346
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 15776
API Well Number: 177154041100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 111
Public Info Code: Y 26-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11330 /11055	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
14150 /13710	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 156	Date of Summary:	First Sample Examined: 870
Lease Number: G02928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177154011200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 870 - 10970	Water Depth: 174
Public Info Code: Y 17-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6889	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 161	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G01248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15222
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 14852
API Well Number: 177154028400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 24-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10350 /10173	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13350 /13068	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
14194 /13869	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0
14981 /14621	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 161	Date of Summary: 28-AUG-2000	First Sample Examined: 0
Lease Number: G01248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10181
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 9525
API Well Number: 177154029200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 18-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5352	POS IN Pleistocene	DEF AT 0
6300 / 6035	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
6480 / 6200	POS AT Pliocene	DEF AT 0
7270 / 6922	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
7800 / 7416	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7926 / 7532	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 161	Date of Summary: 18-FEB-1991	First Sample Examined: 0
Lease Number: G01248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6812
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 6430
API Well Number: 177154029300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 20-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6335 / 5958	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6630 / 6252	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 161	Date of Summary: 24-OCT-1985	First Sample Examined: 0
Lease Number: G01248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8066
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 7906
API Well Number: 177154029400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 22-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6590	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
7850 / 7690	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 161	Date of Summary: 14-JUN-1996	First Sample Examined: 0
Lease Number: G01248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7946
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 7906
API Well Number: 177154029500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 28-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5375 / 5342	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6196 / 6158	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0
7656 / 7616	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 167	Date of Summary: 18-DEC-1991	First Sample Examined: 0
Lease Number: G12967	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7272
API Well Number: 177154079400	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 09-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7004 / 6980	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 171	Date of Summary: 05-SEP-1995	First Sample Examined: 0
Lease Number: G01251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10960
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 6935
API Well Number: 177154022200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 26-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10402 / 6625	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 171	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G01255	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10810
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 9692
API Well Number: 177154033300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 16-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 8158	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 171	Date of Summary: 16-SEP-1980	First Sample Examined: 0
Lease Number: G01255	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8502
Well Name: D007	Paleo Done By: OPERATOR	Borehole TVD: 6925
API Well Number: 177154034100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 22-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8067 / 6596	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 175	Date of Summary: 28-JAN-1985	First Sample Examined: 0
Lease Number: G01258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8040
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8036
API Well Number: 177154060800	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7338 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 175	Date of Summary: 05-MAR-1985	First Sample Examined: 0
Lease Number: G01258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10275
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10006
API Well Number: 177154061600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7095 / 6935	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 175	Date of Summary: 21-AUG-1985	First Sample Examined: 0
Lease Number: G01258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10780
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8523
API Well Number: 177154063000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2550 / 2359	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 175	Date of Summary: 22-NOV-1985	First Sample Examined: 0
Lease Number: G01258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10195
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7762
API Well Number: 177154063001	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2550 / 2341	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 175	Date of Summary: 28-AUG-1985	First Sample Examined: 0
Lease Number: G01258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8557
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8006
API Well Number: 177154063500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7122	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 177	Date of Summary: 27-JUN-1996	First Sample Examined: 0
Lease Number: G01260	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11736
Well Name: E012	Paleo Done By: OPERATOR	Borehole TVD: 11610
API Well Number: 177154024600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 15-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7420	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 181	Date of Summary: 04-JAN-1991	First Sample Examined: 0
Lease Number: G12022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12247
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10993
API Well Number: 177154076500	Drilling Operator: TEXACO INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5620 / 5620	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6700 / 6697	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7390 / 7352	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 182	Date of Summary: 18-NOV-1986	First Sample Examined: 0
Lease Number: G04886	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14003
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12572
API Well Number: 177154065400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 193
Public Info Code: Y 30-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	POS AT Pleistocene	DEF AT 0
6150 / 6150	POS IN Pleistocene	DEF AT 0
7350 / 7349	POS AT Pliocene	DEF AT 0
8610 / 8554	POS IN Pliocene	DEF AT 0
11025 / 10349	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary:	First Sample Examined: 0
Lease Number: G01569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17320
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14787
API Well Number: 177154018000	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 02-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4070 / 4070	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5120 / 5120	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6760 / 6760	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7150 / 7146	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10810 /10152	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12010 /10991	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
14890 /13023	DEF AT Cyclamina sp. (local marker)	DEF AT 0
16390 /14113	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary: 14-FEB-1979	First Sample Examined: 5000
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 11395
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10022
API Well Number: 177154027000	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11360	Water Depth: 177
Public Info Code: Y 13-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4529	DEF AT first sample examined	DEF AT 4
6560 / 5849	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8090 / 7139	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8450 / 7449	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9170 / 8075	DEF AT sample gap top	POS AT 4
9740 / 8574	DEF AT sample gap bottom	DEF AT 4
11360 / 9992	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary: 06-APR-1976	First Sample Examined: 5000
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 9790
Well Name: B004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9389
API Well Number: 177154027300	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9770	Water Depth: 177
Public Info Code: Y 18-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4723	DEF AT first sample examined	DEF AT 4
6200 / 5828	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8120 / 7727	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9770 / 9369	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary: 21-MAR-1979	First Sample Examined: 5000
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 10242
Well Name: B005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9412
API Well Number: 177154027600	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10240	Water Depth: 175
Public Info Code: Y 01-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4852	DEF AT first sample examined	DEF AT 4
6140 / 5840	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7960 / 7468	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10240 / 9410	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary:	First Sample Examined: 0
Lease Number: G01569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11812
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 9486
API Well Number: 177154028200	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 29-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7070 / 5713	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8960 / 7287	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary: 30-APR-1979	First Sample Examined: 5000
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 11812
Well Name: B006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9486
API Well Number: 177154028200	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 5000 - 11780	Water Depth: 177
Public Info Code: Y 29-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4159	DEF AT first sample examined	DEF AT 4
5840 / 4772	DEF AT faunal change (no faunal increase)	DEF AT 3
6140 / 4987	DEF AT faunal change (no faunal increase)	DEF AT 4
6440 / 5210	DEF AT local marker foram increase	DEF AT 5
7070 / 5713	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7700 / 6239	DEF AT faunal change (no faunal increase)	DEF AT 4
8960 / 7287	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11780 / 9460	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 185	Date of Summary:	First Sample Examined: 0
Lease Number: G01569	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11817
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 9318
API Well Number: 177154030500	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 08-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 5537	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9370 / 7413	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 188	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G01899	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15904
Well Name: CA002	Paleo Done By: OPERATOR	Borehole TVD: 15255
API Well Number: 177154041900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 04-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7799	POS AT Upper Pliocene	DEF AT 0
14263 / 13924	POS IN Upper Pliocene Piacenzian Stage	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 190	Date of Summary:	First Sample Examined: 0
Lease Number: G01261	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177154015500	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 142
Public Info Code: Y 11-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6659 / 5797	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 190	Date of Summary: 22-MAY-1998	First Sample Examined: 0
Lease Number: G01261	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10525
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9818
API Well Number: 177154015501	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 142
Public Info Code: Y 06-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6659 / 5797	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 190	Date of Summary:	First Sample Examined: 0
Lease Number: G01261	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12600
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9975
API Well Number: 177154020800	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 142
Public Info Code: Y 04-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6490 / 5458	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8630 / 7097	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 190	Date of Summary: 08-NOV-2000	First Sample Examined: 0
Lease Number: G01269	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10890
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9020
API Well Number: 177154021900	Drilling Operator: C & K MARINE PRODUCTION COMPAN	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 01-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 / 5301	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6590 / 5647	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8930 / 7479	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 193	Date of Summary: 05-JUN-1987	First Sample Examined: 0
Lease Number: G05609	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177154066700	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7600 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8570 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0
9810 /	DEF AT local marker benthic foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 195	Date of Summary: 10-AUG-2000	First Sample Examined: 0
Lease Number: G03593	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10670
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177154033800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 15-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 7371	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 195	Date of Summary: 24-MAY-1996	First Sample Examined: 0
Lease Number: G03593	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10910
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9581
API Well Number: 177154039800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 14-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5116 / 5082	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7996 / 7407	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 196	Date of Summary: 21-JAN-1982	First Sample Examined: 0
Lease Number: G01265	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12592
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11285
API Well Number: 177154038200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 29-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6799	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8480 / 8403	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9385 / 9112	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11450 / 10576	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
12450 / 11206	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 200	<b>Date of Summary:</b> 06-NOV-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04464	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15592
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15577
<b>API Well Number:</b> 177154042100	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 131
<b>Public Info Code:</b> Y 14-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4485 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
6350 /	DEF AT Aftonian fauna (local marker)	DEF AT 0
7525 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7675 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
9430 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12500 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
14014 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 200	Date of Summary: 10-FEB-1999	First Sample Examined: 0
Lease Number: G04464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15612
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 15050
API Well Number: 177154053300	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 12-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10840 /10526	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13030 /12586	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 211	Date of Summary: 08-DEC-1985	First Sample Examined: 0
Lease Number: G07772	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10099
API Well Number: 177164009100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7052 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8190 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 211	<b>Date of Summary:</b> 16-SEP-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12974	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12000
<b>API Well Number:</b> 177164018200	<b>Drilling Operator:</b> NEWFIELD EXPLORATION COMPANY	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 148
<b>Public Info Code:</b> Y 08-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4380 / 4380	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7110 / 7110	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
10652 / 10651	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 224	Date of Summary: 15-OCT-1990	First Sample Examined: 0
Lease Number: G07775	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177164016800	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 03-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5752	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6450 / 6442	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 228	Date of Summary: 11-JUN-1992	First Sample Examined: 0
Lease Number: G08724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 177164018600	Drilling Operator: UMC PETROLEUM CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 19-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7196 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 230	Date of Summary: 22-JAN-1985	First Sample Examined: 3060
Lease Number: G05619	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13300
API Well Number: 177164006600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3060 - 13300	Water Depth: 238
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3060 /	DEF AT first sample examined	DEF IN 3
4110 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4290 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4890 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5520 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7080 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7290 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7770 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
11310 /	DEF AT faunal change (no faunal increase)	DEF AT 6
11820 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12330 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
13300 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 235	Date of Summary: 23-OCT-1990	First Sample Examined: 0
Lease Number: G07777	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7355
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6065
API Well Number: 177164016600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 3793	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6620 / 5545	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6952 / 5773	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 242	Date of Summary: 22-JUN-1988	First Sample Examined: 9490
Lease Number: G05624	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177164012800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 28-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9730 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
13510 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
15210 /	POS IN Pliocene	DEF AT 0
16000 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 245	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 4510
<b>Lease Number:</b> G05626	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17566
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17027
<b>API Well Number:</b> 177164008700	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 5	<b>Sample Range:</b> 4510 - 14680	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 18-JUL-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4508	DEF AT cement	DEF AT 0
4720 / 4718	DEF AT -----	DEF AT 4
5440 / 5438	DEF AT -----	DEF AT 3
6100 / 6098	DEF AT cement	DEF AT 0
6250 / 6248	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6430 / 6428	DEF AT -----	DEF AT 4
6550 / 6548	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6790 / 6788	DEF AT -----	DEF AT 3
7150 / 7148	DEF AT -----	DEF AT 2
7300 / 7298	DEF AT -----	DEF AT 4
7660 / 7658	DEF AT -----	DEF AT 3
7750 / 7748	DEF AT -----	DEF AT 4
7840 / 7838	DEF AT -----	DEF AT 3
9310 / 9308	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9700 / 9698	DEF AT -----	DEF AT 3
9820 / 9818	DEF AT -----	DEF AT 4
10360 / 10358	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10690 / 10688	DEF AT cement	DEF AT 0
11020 / 11018	DEF AT -----	DEF AT 4
14680 / 14519	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 245	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 14410
<b>Lease Number:</b> G05626	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17566
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17027
<b>API Well Number:</b> 177164008700	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 2 of 5	<b>Sample Range:</b> 12370 - 16240	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 18-JUL-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14410 /14288	DEF AT first sample examined	DEF AT 4
15280 /15019	DEF AT - - - - -	DEF AT 5
15460 /15169	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
16240 /15844	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 245	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 15310
<b>Lease Number:</b> G05626	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17566
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17027
<b>API Well Number:</b> 177164008700	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 3 of 5	<b>Sample Range:</b> 15310 - 16120	<b>Water Depth:</b> 195
<b>Public Info Code:</b> Y 18-JUL-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15310 /15044	DEF AT first sample examined	DEF AT 4
15490 /15194	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
16120 /15739	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 245	Date of Summary:	First Sample Examined: 15730
Lease Number: G05626	Source of Paleo: OPERATOR	Borehole MD: 17566
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 17027
API Well Number: 177164008700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 4 of 5	Sample Range: 15320 - 17560	Water Depth: 195
Public Info Code: Y 18-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 3; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15730 /15399	DEF AT poor sample interval top	DEF AT 0
15759 /15424	DEF AT poor sample interval bottom	DEF AT 0
15760 /15424	DEF AT - - - - -	DEF AT 4
16360 /15951	DEF AT poor sample interval top	DEF AT 0
16779 /16324	DEF AT poor sample interval bottom	DEF AT 0
16780 /16325	DEF AT - - - - -	DEF AT 4
16900 /16433	DEF AT poor sample interval top	DEF AT 0
17559 /17022	DEF AT poor sample interval bottom	DEF AT 0
17560 /17023	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 245	Date of Summary: 18-AUG-1988	First Sample Examined: 0
Lease Number: G05626	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17566
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 17027
API Well Number: 177164008700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 5 of 5	Sample Range: 4510 - 17560	Water Depth: 195
Public Info Code: Y 18-JUL-1989	Ecozone Eq MMS:	Paleo ID: 005

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 6248	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6550 / 6548	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9310 / 9308	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
10360 / 10358	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
15460 / 15169	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 245	Date of Summary: 16-SEP-1991	First Sample Examined: 0
Lease Number: G08445	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18899
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 16981
API Well Number: 177164017900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 05-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9250 / 9246	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0
10990 /10984	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
11080 /11074	DEF AT Cyclammina cancellata (local marker)	DEF AT 0
13090 /13071	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
15130 /14739	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
18580 /16771	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 251	Date of Summary: 14-JAN-1988	First Sample Examined: 0
Lease Number: G05207	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8600
API Well Number: 177164013600	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 197
Public Info Code: Y 05-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5910 /	DEF AT -----	DEF AT 5
6600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7620 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
8310 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 260	Date of Summary: 13-APR-1987	First Sample Examined: 0
Lease Number: G05632	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9025
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9025
API Well Number: 177164012100	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 06-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 /	POS IN Pleistocene	DEF AT 0
8420 /	POS AT Pliocene	DEF AT 0
8940 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 260	Date of Summary: 03-MAY-1989	First Sample Examined: 0
Lease Number: G05632	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10112
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9487
API Well Number: 177164015200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 307
Public Info Code: Y 06-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5820 / 5648	POS IN Pleistocene	DEF AT 0
8700 / 8444	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8970 / 8713	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 264	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G05209	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177164002800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 17-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8170 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8410 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 264	Date of Summary: 17-AUG-1983	First Sample Examined: 0
Lease Number: G19832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9805
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9023
API Well Number: 177164003000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 17-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 / 7619	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8630 / 8020	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 264	Date of Summary: 09-AUG-1990	First Sample Examined: 0
Lease Number: G19832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8471
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8104
API Well Number: 177164016300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 17-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5125 / 5125	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 265	Date of Summary: 29-NOV-1989	First Sample Examined: 4600
Lease Number: G05634	Source of Paleo: OPERATOR	Borehole MD: 13381
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13032
API Well Number: 177164015600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 4600 - 13390	Water Depth: 224
Public Info Code: Y 31-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT first sample examined	DEF IN 3
4930 / 4930	DEF AT faunal change (no faunal increase)	DEF AT 4
6010 / 6010	DEF AT faunal change (no faunal increase)	DEF AT 5
6070 / 6070	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8770 / 8728	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8890 / 8839	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10390 /10239	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11710 /11475	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13390 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 280	Date of Summary: 29-JUL-1988	First Sample Examined: 0
Lease Number: G05639	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9711
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9205
API Well Number: 177164013000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 286
Public Info Code: Y 02-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2963	POS IN Pleistocene	DEF AT 0
7400 / 7027	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 292	Date of Summary: 20-DEC-1982	First Sample Examined: 6606
Lease Number: G04888	Source of Paleo: OPERATOR	Borehole MD: 12128
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12126
API Well Number: 177164002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 6606 - 12128	Water Depth: 284
Public Info Code: Y 24-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9024 / 9024	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12128 / 12128	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 292	<b>Date of Summary:</b> 20-DEC-1982	<b>First Sample Examined:</b> 8497
<b>Lease Number:</b> G04888	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12323
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11866
<b>API Well Number:</b> 177164002401	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 71
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8497 - 12323	<b>Water Depth:</b> 284
<b>Public Info Code:</b> Y 10-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8497 / 8487	DEF AT first sample examined	DEF AT 0
9098 / 9031	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9525 / 9407	DEF AT sample gap top	DEF AT 0
12104 / 11677	DEF AT sample gap bottom	DEF AT 0
12323 / 11866	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 293	<b>Date of Summary:</b> 08-AUG-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08727	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13678
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12500
<b>API Well Number:</b> 177164017800	<b>Drilling Operator:</b> AMERADA HESS CORPORATION	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 31-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5880 / 5878	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9150 / 9106	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9210 / 9163	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 293	Date of Summary: 08-AUG-1991	First Sample Examined: 0
Lease Number: G08727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11820
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11635
API Well Number: 177164017801	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 / 8886	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9030 / 8944	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 294	Date of Summary: 18-DEC-1990	First Sample Examined: 0
Lease Number: G09672	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11279
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11279
API Well Number: 177164017100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 31-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	POS AT Pleistocene	DEF AT 0
7720 / 7720	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8740 / 8740	POS AT Pliocene	DEF AT 0
11279 / 11279	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 297	Date of Summary: 01-JUN-1983	First Sample Examined: 0
Lease Number: G04890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12161
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12161
API Well Number: 177164002200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 10-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9140 /	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 298	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G04891	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177164002700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 10-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8830 /	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 300	<b>Date of Summary:</b> 21-AUG-1981	<b>First Sample Examined:</b> 3233
<b>Lease Number:</b> G04240	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9681
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9681
<b>API Well Number:</b> 177164001000	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3233 - 9681	<b>Water Depth:</b> 337
<b>Public Info Code:</b> Y 05-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3233 /	DEF AT first sample examined	DEF AT 0
9681 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 300	Date of Summary: 21-OCT-1983	First Sample Examined: 7000
Lease Number: G04240	Source of Paleo: OPERATOR	Borehole MD: 8963
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 8927
API Well Number: 177164003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 7000 - 8990	Water Depth: 338
Public Info Code: Y 21-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6998	DEF AT first sample examined	DEF AT 0
8990 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 300	Date of Summary: 07-DEC-1983	First Sample Examined: 9140
Lease Number: G04240	Source of Paleo: OPERATOR	Borehole MD: 10211
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8320
API Well Number: 177164003500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 9140 - 9920	Water Depth: 338
Public Info Code: Y 05-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9140 / 7583	DEF AT first sample examined	DEF AT 0
9920 / 8122	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 300	Date of Summary: 07-DEC-1983	First Sample Examined: 9380
Lease Number: G04240	Source of Paleo: OPERATOR	Borehole MD: 10211
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8320
API Well Number: 177164003500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 9380 - 10211	Water Depth: 338
Public Info Code: Y 05-DEC-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 7750	DEF AT first sample examined	DEF AT 0
10211 / 8319	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 300	Date of Summary: 15-DEC-1983	First Sample Examined: 9280
Lease Number: G04240	Source of Paleo: OPERATOR	Borehole MD: 10320
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 8408
API Well Number: 177164003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 9280 - 10300	Water Depth: 338
Public Info Code: Y 26-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9280 / 7537	DEF AT first sample examined	DEF AT 0
10300 / 8390	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 301	Date of Summary: 03-APR-1973	First Sample Examined: 2310
Lease Number: G03594	Source of Paleo: OPERATOR	Borehole MD: 9947
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9947
API Well Number: 177164000800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2310 - 9930	Water Depth: 337
Public Info Code: Y 18-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2310 /	DEF AT first sample examined	DEF AT 0
9930 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 301	Date of Summary: 20-JUN-1978	First Sample Examined: 4215
Lease Number: G03594	Source of Paleo: OPERATOR	Borehole MD: 10321
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10321
API Well Number: 177164000900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4215 - 10321	Water Depth: 337
Public Info Code: Y 16-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4215 /	DEF AT first sample examined	DEF AT 0
10321 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 301	Date of Summary: 07-JUL-1978	First Sample Examined: 7050
Lease Number: G03594	Source of Paleo: OPERATOR	Borehole MD: 11570
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10997
API Well Number: 177164000901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 7050 - 11570	Water Depth: 386
Public Info Code: Y 12-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 7050	DEF AT first sample examined	DEF AT 0
11570 / 10997	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 304	<b>Date of Summary:</b> 31-DEC-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08450	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12629
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12606
<b>API Well Number:</b> 177164011400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 345
<b>Public Info Code:</b> Y 17-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7697	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9620 / 9611	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12629 / 12606	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> ST 314	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G05225	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12470
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11100
<b>API Well Number:</b> 177164011000	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1500 - 12440	<b>Water Depth:</b> 400
<b>Public Info Code:</b> Y 21-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4859	DEF AT first sample examined	DEF AT 4
5630 / 5346	DEF AT - - - - -	DEF AT 5
6320 / 5867	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9440 / 8387	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9560 / 8493	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12440 / 11075	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 314	Date of Summary: 07-JAN-1987	First Sample Examined: 0
Lease Number: G05225	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12470
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11100
API Well Number: 177164011000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 400
Public Info Code: Y 21-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9560 / 8493	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 314	Date of Summary: 03-NOV-1987	First Sample Examined: 0
Lease Number: G05225	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11320
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 177164012600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 392
Public Info Code: Y 21-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9920 / 8687	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: ST 316	Date of Summary: 19-JUL-1988	First Sample Examined: 0
Lease Number: G05649	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10080
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10075
API Well Number: 177164014200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 470
Public Info Code: Y 08-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6690 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8960 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 17	Date of Summary: 05-MAR-1980	First Sample Examined: 5980
Lease Number: G04143	Source of Paleo: OPERATOR	Borehole MD: 12390
Well Name: JB001	Paleo Done By: OPERATOR	Borehole TVD: 12390
API Well Number: 427154000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5980 - 12390	Water Depth: 40
Public Info Code: Y 27-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 /	DEF AT first sample examined	DEF AT 0
6880 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8850 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9255 /	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12390 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 17	Date of Summary: 01-JUL-1980	First Sample Examined: 8490
Lease Number: G04143	Source of Paleo: OPERATOR	Borehole MD: 12942
Well Name: JB002	Paleo Done By: OPERATOR	Borehole TVD: 12512
API Well Number: 427154000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 8490 - 12940	Water Depth: 43
Public Info Code: Y 28-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8490 / 8343	DEF AT first sample examined	DEF AT 0
8805 / 8647	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9455 / 9271	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12940 /12510	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12470
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10263
API Well Number: 427154000500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 30-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9870 / 8175	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11525 / 9465	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12352
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10869
API Well Number: 427154001000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 19-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6697	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9800 / 9171	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10900 / 9858	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13747
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11659
API Well Number: 427154001100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 25-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 6777	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10800 / 9193	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11500 / 9760	POS AT Lower (Early) Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13747
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10774
API Well Number: 427154001400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 07-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 7055	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11700 / 9211	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12500 / 9842	POS IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12123
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10477
API Well Number: 427154001700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 10-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6850	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10200 / 9137	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10900 / 9630	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11857
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10359
API Well Number: 427154001800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 02-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9124	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10850 / 9644	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12204
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10506
API Well Number: 427154000300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 01-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5250 / 4689	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
5720 / 5078	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
6480 / 5712	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7772 / 6762	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9105 / 7846	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10308 / 8876	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11730
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10019
API Well Number: 427154000700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 03-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 5515	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7830 / 6744	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9080 / 7798	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10378 / 8872	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: SX 18	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11730
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10019
API Well Number: 427154000700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 03-FEB-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: 11510=between Marginulina ascensionensis and Siphonina davisii

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 5506	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7040 / 6080	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10290 / 8799	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11510 / 9834	POS AT Lower (Early) Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SX 18	<b>Date of Summary:</b> 12-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04082	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10500
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9992
<b>API Well Number:</b> 427154001300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 44
<b>Public Info Code:</b> Y 22-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5870 / 5666	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
6680 / 6428	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
7050 / 6779	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
7570 / 7273	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9080 / 8682	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10200 / 9716	POS AT Lower (Early) Miocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> SX 18	<b>Date of Summary:</b> 07-FEB-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04082	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13066
<b>Well Name:</b> B005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10536
<b>API Well Number:</b> 427154001500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 44
<b>Public Info Code:</b> Y 25-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6850 / 5717	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7605 / 6291	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10920 / 8855	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
12160 / 9835	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 154	Date of Summary: 14-JAN-1988	First Sample Examined: 0
Lease Number: G05762	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4600
API Well Number: 608164011300	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3230	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 169	Date of Summary: 17-SEP-1992	First Sample Examined: 5370
Lease Number: G07889	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 608164014800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5370 - 15510	Water Depth: 110
Public Info Code: Y 29-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: 11280=Early Albian Hutsonia collinsensis (ostracod)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 5370	DEF AT first sample examined	DEF AT 0
5371 / 5371	POS IN Lower Paleocene (Danian) Robulus pseudocostata	DEF AT 0
6780 / 6780	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT 0
6810 / 6810	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 0
7110 / 7110	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 0
7470 / 7470	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 0
7560 / 7560	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 0
8370 / 8370	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 0
8460 / 8460	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 0
9270 / 9270	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT 0
9840 / 9840	POS AT Lower Cretaceous (Albian) Cytheridea goodlandensis (ostracod)	DEF AT 0
11280 / 11280	POS IN Lower Cretaceous (Albian) Rehacythereis? aff. R. glabrella (ostracod)	DEF AT 0
15510 /	DEF AT last sample examined	DEF AT 0

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VK 204	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 1490
<b>Lease Number:</b> G04921	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4700
<b>API Well Number:</b> 608164007100	<b>Drilling Operator:</b> EXXONMOBIL OIL CORPORATION	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1490 - 4700	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 08-JAN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1490 / 1490	DEF AT first sample examined	DEF AT 0
1550 / 1550	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
1730 / 1730	DEF AT local marker foram increase	DEF AT 0
2150 / 2150	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
2810 / 2810	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
3140 / 3140	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
3530 / 3530	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
4130 / 4130	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 0
4160 / 4160	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
4190 / 4190	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 0
4700 / 4700	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 204	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G04921	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4700
API Well Number: 608164007100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 08-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3433 / 3433	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 254	Date of Summary: 21-JUN-1990	First Sample Examined: 0
Lease Number: G07893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3200
API Well Number: 608164014900	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 29-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 736	Date of Summary: 01-FEB-1990	First Sample Examined: 4550
Lease Number: G06881	Source of Paleo: OPERATOR	Borehole MD: 15400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15397
API Well Number: 608164009600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 4550 - 15400	Water Depth: 644
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 /	DEF AT first sample examined	DEF AT 4
4680 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5580 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
6160 /	DEF AT faunal change (no faunal increase)	DEF IN 4
7710 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF IN 4
8160 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 4
8700 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13890 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14400 /	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT 5
14520 /	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT 5
15400 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 737	Date of Summary: 24-APR-1991	First Sample Examined: 12568
Lease Number: G07903	Source of Paleo: OPERATOR	Borehole MD: 14085
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14083
API Well Number: 608164016100	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 5000 - 14085	Water Depth: 784
Public Info Code: Y 25-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: 13455=earliest Eocene P6 zone, Morozovella aequa

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12568 /12567	DEF AT first sample examined	DEF AT 0
12569 /12568	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 0
12667 /12666	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 0
12719 /12718	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 0
12787 /12786	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 0
12900 /12899	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 0
12919 /12918	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 0
13320 /13319	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 0
13340 /13339	POS AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 0
13390 /13388	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 0
13455 /13453	DEF IN Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 0
13500 /13498	DEF IN Lower Eocene (Ypresian) Morozovella acuta	DEF AT 0
13575 /13573	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 0
13630 /13628	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 0
13659 /13657	DEF AT condensed section	DEF AT 0
13660 /13658	POS AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 0
13672 /13670	DEF AT unconformity	DEF AT 0
13673 /13671	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT 0
13714 /13712	DEF AT unconformity	DEF AT 0
13715 /13713	DEF AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT 0
13730 /13728	DEF AT Upper Cretaceous (Cenomanian) Rotalipora reicheli	DEF AT 0
13935 /13933	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	POS AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VK 737	<b>Date of Summary:</b> 24-APR-1991	<b>First Sample Examined:</b> 12568
<b>Lease Number:</b> G07903	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14085
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14083
<b>API Well Number:</b> 608164016100	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5000 - 14085	<b>Water Depth:</b> 784
<b>Public Info Code:</b> Y 25-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13950 /13948	POS AT salt	DEF AT 0
14083 /14081	DEF AT reworked material	DEF AT 0
14084 /14082	DEF IN salt	DEF AT 0
14085 /14083	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 737	Date of Summary: 26-OCT-2001	First Sample Examined: 11000
Lease Number: G07903	Source of Paleo: OPERATOR	Borehole MD: 14085
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 14083
API Well Number: 608164016100	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 11000 - 14030	Water Depth: 784
Public Info Code: Y 25-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 13520=Subbotina triloculinoidea; foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /10999	DEF AT first sample examined	DEF AT 4
11001 /11000	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11180 /11179	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
12170 /12169	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 4
12470 /12469	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 4
12860 /12859	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
12950 /12949	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 4
13070 /13069	DEF AT Lower (Early) Miocene	DEF IN 4
13100 /13099	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 4
13220 /13219	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 4
13280 /13279	POS IN Upper Eocene (Priabonian) Globorotalia pomeroli	DEF IN 4
13310 /13309	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF IN 4
13520 /13518	DEF IN Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF IN 4
13639 /13637	DEF AT local marker planktic foram increase	POS AT 4
13640 /13638	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	POS AT 4
13700 /13698	DEF IN Upper Cretaceous (Cenomanian) Rotalipora appenninica	POS AT 4
13701 /13699	DEF AT Upper Cretaceous (Cenomanian) Rotalipora reicheli	DEF AT 4
14030 /14028	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 815	Date of Summary: 05-DEC-1983	First Sample Examined: 1660
Lease Number: G05248	Source of Paleo: OPERATOR	Borehole MD: 8003
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8000
API Well Number: 608164008300	Drilling Operator: CONOCO INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1660 - 7960	Water Depth: 550
Public Info Code: Y 31-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1660 / 1659	DEF AT first sample examined	DEF AT 2
2170 / 2169	DEF AT -----	DEF AT 3
2290 / 2289	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3040 / 3038	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3310 / 3308	DEF AT -----	DEF AT 2
3910 / 3908	DEF AT -----	DEF AT 1
4660 / 4658	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5560 / 5558	DEF AT local marker foram increase	DEF AT 2
5770 / 5768	DEF AT -----	DEF AT 1
7780 / 7778	DEF AT -----	DEF AT 3
7840 / 7838	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7960 / 7958	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 825	Date of Summary: 31-AUG-1988	First Sample Examined: 3360
Lease Number: G05778	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13165
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12604
API Well Number: 608164011400	Drilling Operator: TEXACO INC	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 3360 - 13170	Water Depth: 1710
Public Info Code: Y 10-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 / 3360	DEF AT first sample examined	DEF IN 4
3540 / 3540	DEF AT local marker planktic foram increase	DEF IN 4
3750 / 3750	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
3899 / 3899	DEF AT pyrite	DEF IN 4
3900 / 3900	DEF AT gray shale	DEF IN 4
4080 / 4080	DEF AT local marker foram increase	DEF IN 4
4230 / 4230	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
4620 / 4620	DEF AT foram flood	DEF IN 4
4710 / 4710	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
4830 / 4830	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
5250 / 5250	DEF AT gray shale	DEF AT 5
5430 / 5430	DEF AT sand	DEF AT 5
5790 / 5786	DEF AT gray shale	DEF AT 5
5850 / 5844	DEF AT sand	DEF AT 5
6179 / 6156	POS AT cement	DEF AT 5
6180 / 6157	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
6480 / 6432	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
6600 / 6542	DEF AT oxidized shale	DEF IN 4
6630 / 6570	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
6750 / 6680	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
6900 / 6818	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
7470 / 7341	DEF AT local marker foram increase	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 825	Date of Summary: 31-AUG-1988	First Sample Examined: 3360
Lease Number: G05778	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13165
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12604
API Well Number: 608164011400	Drilling Operator: TEXACO INC	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 3360 - 13170	Water Depth: 1710
Public Info Code: Y 10-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7369	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
7650 / 7507	DEF AT cement	DEF AT 5
7890 / 7728	DEF AT pyrite	DEF AT 5
8190 / 8003	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
8220 / 8031	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
8340 / 8141	DEF AT local marker foram increase	DEF AT 5
8400 / 8196	DEF AT limestone	DEF AT 5
8640 / 8416	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
8700 / 8471	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
8820 / 8581	POS AT drilling material	DEF AT 5
9360 / 9077	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
9479 / 9187	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
9480 / 9188	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
9660 / 9355	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 4
9960 / 9633	DEF AT -----	DEF AT 5
10320 / 9966	DEF AT gray shale	DEF AT 5
10739 / 10352	DEF AT foram flood	DEF AT 5
10740 / 10353	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10770 / 10381	DEF AT cement	DEF AT 5
11310 / 10877	DEF AT limestone	DEF AT 5
11430 / 10988	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
11610 / 11155	DEF AT foram flood	DEF AT 5
11640 / 11183	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
12030 / 11547	DEF AT limestone	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 825	Date of Summary: 31-AUG-1988	First Sample Examined: 3360
Lease Number: G05778	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13165
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12604
API Well Number: 608164011400	Drilling Operator: TEXACO INC	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 3360 - 13170	Water Depth: 1710
Public Info Code: Y 10-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
12300 /11800	DEF AT local marker foram decrease	DEF AT 5
12480 /11969	DEF AT drilling material	DEF AT 5
12600 /12081	DEF IN Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
12690 /12166	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
12810 /12279	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
12840 /12307	POS AT reworked material	DEF AT 5
12990 /12447	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
13109 /12559	DEF AT limestone	DEF AT 5
13110 /12560	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 5
13140 /12588	DEF IN Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF IN 4
13170 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 862	Date of Summary: 18-SEP-1985	First Sample Examined: 2050
Lease Number: G05783	Source of Paleo: OPERATOR	Borehole MD: 14693
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13560
API Well Number: 608164009200	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2050 - 14710	Water Depth: 925
Public Info Code: Y 31-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 / 2050	DEF AT first sample examined	POS AT 2
2051 / 2051	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
2500 / 2500	DEF AT faunal change (no faunal increase)	DEF AT 3
2700 / 2700	DEF AT faunal change (no faunal increase)	DEF AT 4
2740 / 2740	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
2890 / 2890	POS AT unconformity	DEF AT 4
2891 / 2891	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3880 / 3880	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
3940 / 3940	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
4000 / 4000	DEF AT faunal change (no faunal increase)	DEF AT 3
4330 / 4330	DEF AT cement	POS AT 3
4990 / 4990	DEF AT faunal change (no faunal increase)	DEF AT 3
6010 / 6010	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
6640 / 6639	DEF AT faunal change (no faunal increase)	DEF AT 4
8230 / 8229	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9120 / 9118	DEF AT cement	POS AT 4
9370 / 9368	DEF AT faunal change (no faunal increase)	DEF AT 4
9550 / 9546	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
11410 / 11232	DEF AT faunal change (no faunal increase)	DEF AT 5
12772 / 12273	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
13510 / 12772	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
14230 / 13250	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VK 862	<b>Date of Summary:</b> 18-SEP-1985	<b>First Sample Examined:</b> 2050
<b>Lease Number:</b> G05783	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14693
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13560
<b>API Well Number:</b> 608164009200	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2050 - 14710	<b>Water Depth:</b> 925
<b>Public Info Code:</b> Y 31-MAR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14410 /13371	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
14710 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 862	Date of Summary: 10-SEP-1986	First Sample Examined: 2350
Lease Number: G05783	Source of Paleo: OPERATOR	Borehole MD: 14134
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13754
API Well Number: 608164010100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2350 - 13960	Water Depth: 950
Public Info Code: Y 31-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 / 2350	DEF AT first sample examined	POS AT 2
2351 / 2351	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
2470 / 2470	DEF AT faunal change (no faunal increase)	DEF AT 2
2710 / 2710	DEF AT faunal change (no faunal increase)	DEF AT 3
2770 / 2770	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
2890 / 2890	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3100 / 3100	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
3520 / 3520	DEF AT faunal change (no faunal increase)	DEF AT 3
4118 / 4118	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
4119 / 4119	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
4120 / 4120	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4420 / 4420	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
6400 / 6400	DEF AT faunal change (no faunal increase)	DEF AT 4
6610 / 6610	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
7900 / 7900	DEF AT faunal change (no faunal increase)	DEF AT 3
8080 / 8080	DEF AT faunal change (no faunal increase)	DEF AT 4
8200 / 8200	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8620 / 8620	DEF AT faunal change (no faunal increase)	DEF AT 5
8740 / 8740	DEF AT faunal change (no faunal increase)	DEF AT 4
10120 / 10079	DEF AT faunal change (no faunal increase)	DEF AT 5
10720 / 10613	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
10810 / 10691	POS AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 862	Date of Summary: 10-SEP-1986	First Sample Examined: 2350
Lease Number: G05783	Source of Paleo: OPERATOR	Borehole MD: 14134
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13754
API Well Number: 608164010100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2350 - 13960	Water Depth: 950
Public Info Code: Y 31-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10840 /10718	DEF AT faunal change (no faunal increase)	DEF AT 4
11110 /10950	DEF AT faunal change (no faunal increase)	DEF AT 5
11560 /11335	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
11590 /11361	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
12490 /12136	DEF AT faunal change (no faunal increase)	DEF AT 4
12760 /12374	DEF AT faunal change (no faunal increase)	DEF AT 5
12850 /12454	DEF AT faunal change (no faunal increase)	DEF AT 4
13120 /12690	DEF AT faunal change (no faunal increase)	DEF AT 5
13180 /12742	DEF AT Upper Miocene (Tortonian) Discoaster kugleri	DEF AT 5
13210 /12768	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
13300 /12846	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
13330 /12872	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
13331 /12873	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 5
13960 /13420	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 862	Date of Summary: 10-SEP-1986	First Sample Examined: 11510
Lease Number: G05783	Source of Paleo: OPERATOR	Borehole MD: 15310
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14628
API Well Number: 608164010101	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 11510 - 15310	Water Depth: 950
Public Info Code: Y 31-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11510 /11309	DEF AT first sample examined	DEF AT 5
11750 /11521	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13279 /12869	POS AT unconformity	DEF AT 5
13280 /12869	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
13281 /12870	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
14960 /14323	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
15310 /14627	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 869	Date of Summary: 29-JUL-1988	First Sample Examined: 0
Lease Number: G05784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8406
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8406
API Well Number: 608164013000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1918
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6560 / 6560	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
7130 / 7130	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7730 / 7730	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8770 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 869	Date of Summary: 26-JUL-1989	First Sample Examined: 0
Lease Number: G05784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10600
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10586
API Well Number: 608164013800	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2050
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5231 / 5226	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5890 / 5885	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7360 / 7355	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8158 / 8151	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8640 / 8633	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9280 / 9272	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9400 / 9391	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 870	Date of Summary: 10-JAN-1990	First Sample Examined: 4050
Lease Number: G06890	Source of Paleo: OPERATOR	Borehole MD: 10375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608164013700	Drilling Operator: TEXACO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 3	Sample Range: 4050 - 10320	Water Depth: 2463
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Report=nannos; nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF AT first sample examined	DEF AT 0
4051 / 4051	DEF AT floral flood	DEF AT 0
4110 / 4110	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 0
4200 / 4200	DEF AT floral flood	DEF AT 0
4410 / 4410	DEF AT floral flood	DEF AT 0
4590 / 4590	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 0
4710 / 4710	DEF AT floral flood	DEF AT 0
5100 / 5099	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 0
5310 / 5309	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 0
5400 / 5399	DEF AT floral flood	DEF AT 0
5610 / 5609	DEF AT floral flood	DEF AT 0
5700 / 5699	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 0
6090 / 6089	DEF AT floral flood	DEF AT 0
6390 / 6388	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 0
7200 / 7197	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 0
7410 / 7407	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 0
7500 / 7497	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 0
8790 / 8786	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 0
9090 / 9086	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 0
9120 / 9116	DEF IN Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 0
9300 / 9296	POS AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT 0
9510 / 9505	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 870	Date of Summary: 10-JAN-1990	First Sample Examined: 4050
Lease Number: G06890	Source of Paleo: OPERATOR	Borehole MD: 10375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608164013700	Drilling Operator: TEXACO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 3	Sample Range: 4050 - 10320	Water Depth: 2463
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10110 /10104	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 0
10200 /10193	DEF AT local marker floral increase	DEF AT 0
10319 /10312	DEF AT local marker floral increase	DEF AT 0
10320 /10313	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 870	Date of Summary: 15-JAN-1990	First Sample Examined: 4050
Lease Number: G06890	Source of Paleo: OPERATOR	Borehole MD: 10375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608164013700	Drilling Operator: TEXACO INC	Rkb Elevation: 87
Paleo Report Num: 2 of 3	Sample Range: 4050 - 10350	Water Depth: 2463
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF AT first sample examined	DEF AT 5
4110 / 4110	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4140 / 4140	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4260 / 4260	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
4320 / 4320	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
4440 / 4440	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
4590 / 4590	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
4860 / 4860	DEF AT local marker foram increase	DEF AT 5
5100 / 5099	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
5220 / 5219	DEF AT local marker foram increase	DEF AT 5
5400 / 5399	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
5550 / 5549	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
5580 / 5579	DEF AT local marker planktic foram increase	DEF AT 5
5670 / 5669	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
5760 / 5759	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
5940 / 5939	DEF AT local marker foram increase	DEF AT 5
6090 / 6089	DEF AT local marker foram increase	DEF AT 5
6300 / 6298	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 5
6540 / 6538	DEF AT local marker foram increase	DEF AT 5
6690 / 6688	DEF AT -----	DEF AT 4
7140 / 7137	DEF AT -----	DEF AT 5
7230 / 7227	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 870	Date of Summary: 15-JAN-1990	First Sample Examined: 4050
Lease Number: G06890	Source of Paleo: OPERATOR	Borehole MD: 10375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608164013700	Drilling Operator: TEXACO INC	Rkb Elevation: 87
Paleo Report Num: 2 of 3	Sample Range: 4050 - 10350	Water Depth: 2463
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7320 / 7317	DEF AT local marker foram increase	DEF AT 5
7500 / 7497	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8280 / 8277	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
8490 / 8487	DEF AT glauconite	DEF AT 5
8670 / 8666	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
8760 / 8756	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
8850 / 8846	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
8940 / 8936	DEF AT local marker foram increase	DEF AT 5
9000 / 8996	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9090 / 9086	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
9270 / 9266	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
9900 / 9894	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
10230 / 10223	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
10350 / 10343	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 870	Date of Summary: 30-JAN-1990	First Sample Examined: 0
Lease Number: G06890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10375
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10368
API Well Number: 608164013700	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 87
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 2463
Public Info Code: Y 30-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 4110	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4260 / 4260	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
4590 / 4590	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
5100 / 5099	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5400 / 5399	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
5670 / 5669	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
6300 / 6298	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
7230 / 7227	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7500 / 7497	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8280 / 8277	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8760 / 8756	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9090 / 9086	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9270 / 9266	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
10230 / 10223	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VK 873	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 6185
<b>Lease Number:</b> G08471	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12945
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12945
<b>API Well Number:</b> 608164012400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6185 - 12945	<b>Water Depth:</b> 3810
<b>Public Info Code:</b> Y 30-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6185 /	DEF AT first sample examined	DEF AT 4
8760 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
9470 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11576 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12494 /	DEF AT local marker (general)	DEF AT 4
12945 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 899	Date of Summary: 27-DEC-1974	First Sample Examined: 5660
Lease Number: G02444	Source of Paleo: OPERATOR	Borehole MD: 7357
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7124
API Well Number: 608164000102	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5660 - 7340	Water Depth: 395
Public Info Code: Y 27-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 6860=Cyclammina 6

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 / 5596	DEF AT first sample examined	DEF IN 3
6860 / 6668	DEF AT Cyclammina sp. (local marker)	DEF AT 4
7340 / 7107	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 945	Date of Summary: 22-APR-1986	First Sample Examined: 4000
Lease Number: G05788	Source of Paleo: OPERATOR	Borehole MD: 12685
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11097
API Well Number: 608164009700	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12685	Water Depth: 899
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF AT 3
4210 / 4210	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4300 / 4300	DEF AT faunal change (no faunal increase)	DEF AT 2
5050 / 5041	DEF AT faunal change (no faunal increase)	DEF AT 3
5140 / 5128	DEF AT faunal change (no faunal increase)	DEF AT 2
5410 / 5383	DEF AT faunal change (no faunal increase)	DEF AT 3
5560 / 5522	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
5680 / 5631	DEF AT faunal change (no faunal increase)	DEF AT 2
5980 / 5897	DEF AT faunal change (no faunal increase)	DEF AT 3
6070 / 5975	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
6370 / 6229	DEF AT faunal change (no faunal increase)	DEF AT 2
6490 / 6328	DEF AT glauconite	DEF AT 3
7600 / 7201	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9400 / 8539	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
11560 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11920 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12685 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 984	Date of Summary: 09-JAN-1990	First Sample Examined: 1640
Lease Number: G09757	Source of Paleo: OPERATOR	Borehole MD: 13002
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11643
API Well Number: 608164014500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1640 - 13010	Water Depth: 575
Public Info Code: Y 27-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1640 / 1640	DEF AT first sample examined	DEF IN 3
1760 / 1760	DEF AT -----	DEF AT 4
2090 / 2090	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2240 / 2240	DEF AT -----	DEF AT 4
2840 / 2840	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3370 / 3370	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3650 / 3647	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4550 / 4488	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
5450 / 5238	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
6590 / 6182	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
10250 / 9282	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13010 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 986	Date of Summary:	First Sample Examined: 1900
Lease Number: G05790	Source of Paleo: OPERATOR	Borehole MD: 10769
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10769
API Well Number: 608164008400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 2	Sample Range: 1900 - 10768	Water Depth: 796
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1900 /	DEF AT first sample examined	DEF AT 5
3700 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4220 /	DEF AT -----	DEF AT 4
4880 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
5330 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
6970 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
7810 /	DEF AT -----	DEF AT 5
10720 /	POS AT gouge	DEF AT 5
10721 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
10768 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 986	Date of Summary:	First Sample Examined: 7015
Lease Number: G05790	Source of Paleo: OPERATOR	Borehole MD: 11499
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10108
API Well Number: 608164008401	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 2	Sample Range: 4675 - 11499	Water Depth: 796
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7015 / 6758	DEF AT first sample examined	DEF AT 4
7016 / 6759	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7345 / 7025	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
8965 / 8285	DEF AT -----	DEF AT 5
11499 / 10108	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 986	Date of Summary: 27-MAR-1990	First Sample Examined: 2030
Lease Number: G05790	Source of Paleo: OPERATOR	Borehole MD: 7180
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7180
API Well Number: 608164011900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2030 - 7180	Water Depth: 879
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 /	DEF AT first sample examined	DEF AT 0
2170 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 0
5710 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7180 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VK 986	Date of Summary:	First Sample Examined: 2510
Lease Number: G05822	Source of Paleo: OPERATOR	Borehole MD: 10222
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7880
API Well Number: 608164012300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1900 - 10222	Water Depth: 914
Public Info Code: Y 27-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2510 / 2510	DEF AT first sample examined	DEF AT 4
2630 / 2630	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3350 / 3339	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3530 / 3510	DEF AT -----	DEF AT 2
3650 / 3622	DEF AT -----	DEF AT 3
4940 / 4619	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8390 / 6719	DEF AT -----	DEF AT 4
9530 / 7443	DEF AT -----	DEF AT 3
9800 / 7615	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9830 / 7634	DEF AT -----	DEF AT 2
10040 / 7765	DEF AT -----	DEF AT 4
10222 / 7880	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10285
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10285
API Well Number: 177054022300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5850 / 5849	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6200 / 6199	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7355 / 7353	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8295 / 8292	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8840 / 8837	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9912 / 9908	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary: 31-JUL-1980	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10052
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 9877
API Well Number: 177054038800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo probably determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5787 / 5780	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7342 / 7272	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7668 / 7585	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8470 / 8356	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 23	<b>Date of Summary:</b> 23-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02866	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17433
<b>Well Name:</b> 014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17387
<b>API Well Number:</b> 177054039400	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 5459	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6840 / 6839	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7325 / 7324	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8060 / 8059	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8450 / 8449	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10470 /10468	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10890 /10888	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
13420 /13401	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12419
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10760
API Well Number: 177054018500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6115 / 5418	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6555 / 5782	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7725 / 6778	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
8150 / 7138	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8795 / 7669	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9480 / 8241	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10025 / 8698	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10420 / 9030	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11312 / 9793	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 23	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02866	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12419
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10760
<b>API Well Number:</b> 177054018500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 5471	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6310 / 5578	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6555 / 5782	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7725 / 6778	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9480 / 8241	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10420 / 9030	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11312 / 9793	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12419
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10760
API Well Number: 177054018500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4220 / 3898	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
5420 / 4855	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5560 / 4968	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5775 / 5141	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
6830 / 6013	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7160 / 6293	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7710 / 6765	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8328 / 7285	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8625 / 7529	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9350 / 8131	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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End Date: 31-DEC-1993

<b>Area Block:</b> VR 23	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02866	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10650
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9882
<b>API Well Number:</b> 177054019000	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10242 / 9499	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9884
API Well Number: 177054019200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6125 / 5527	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6290 / 5664	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6560 / 5891	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7530 / 6730	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
8182 / 7295	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8800 / 7840	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9400 / 8375	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9535 / 8495	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9892 / 8813	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10713 / 9537	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10280
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9957
API Well Number: 177054020400	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5600 / 5483	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5710 / 5587	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5840 / 5709	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
6850 / 6663	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7430 / 7214	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8010 / 7769	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8900 / 8622	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9265 / 8974	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9940 / 9628	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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<b>Area Block:</b> VR 23	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02866	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11565
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10595
<b>API Well Number:</b> 177054021500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 / 4230	DEF AT Upper Pliocene Piacenzian Stage	DEF AT 0
5485 / 5473	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5570 / 5554	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5790 / 5760	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7050 / 6820	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7480 / 7169	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8200 / 7766	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8890 / 8349	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9275 / 8661	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10180 / 9430	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> VR 23 <b>Lease Number:</b> G02866 <b>Well Name:</b> CF001 <b>API Well Number:</b> 177054013700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-JUN-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL OIL EXPLORATION &amp; PRODUC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10767 <b>Borehole TVD:</b> 10567 <b>Rkb Elevation:</b> 74 <b>Water Depth:</b> 32 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 4220	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
5420 / 5407	POS AT Upper (Late) Miocene	DEF AT 0
7770 / 7665	POS AT Middle Miocene	DEF AT 0

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<b>Area Block:</b> VR 23	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02866	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10265
<b>Well Name:</b> CF002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9907
<b>API Well Number:</b> 177054014400	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 38
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5620 / 5446	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5980 / 5784	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7020 / 6773	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7440 / 7175	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8052 / 7764	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8204 / 7911	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> VR 23 <b>Lease Number:</b> G02866 <b>Well Name:</b> CF003 <b>API Well Number:</b> 177054015300 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-JUN-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL OIL EXPLORATION &amp; PRODUC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11204 <b>Borehole TVD:</b> 10162 <b>Rkb Elevation:</b> 91 <b>Water Depth:</b> 36 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4483 / 4194	DEF AT Upper Pliocene Piacenzian Stage	DEF AT 0
6240 / 5684	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7270 / 6614	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7860 / 7154	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8480 / 7707	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9125 / 8288	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9973 / 9049	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 23	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02866	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11127
<b>Well Name:</b> CF004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10279
<b>API Well Number:</b> 177054016200	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 12-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4472 / 4284	POS IN Pliocene	DEF AT 0
5870 / 5525	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6295 / 5906	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7178 / 6689	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7850 / 7280	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8425 / 7799	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9040 / 8358	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9362 / 8650	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10155 / 9373	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9900
Well Name: CF005	Paleo Done By: OPERATOR	Borehole TVD: 9580
API Well Number: 177054017300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4363 / 4257	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
5640 / 5474	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6020 / 5837	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7350 / 7102	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7810 / 7547	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8475 / 8196	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8778 / 8489	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9470 / 9159	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 23	Date of Summary:	First Sample Examined: 0
Lease Number: G02866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11440
Well Name: CF006	Paleo Done By: OPERATOR	Borehole TVD: 9916
API Well Number: 177054018000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 12-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4570 / 4298	DEF AT Upper Pliocene Piacenzian Stage	DEF AT 0
6115 / 5567	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6350 / 5752	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7730 / 6862	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8372 / 7388	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9015 / 7900	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9712 / 8469	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10083 / 8775	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10980 / 9521	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 24	Date of Summary: 26-AUG-1982	First Sample Examined: 7000
Lease Number: G03543	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18000
API Well Number: 177054051800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 7000 - 18000	Water Depth: 25
Public Info Code: Y 14-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	DEF IN 2
7600 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7630 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8110 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8800 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9220 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9340 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9820 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10150 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11710 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
12430 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
17050 /	DEF AT sample gap top	DEF AT 3
17230 /	DEF AT sample gap bottom	DEF AT 3
18000 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12216
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11894
<b>API Well Number:</b> 177054023100	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 7680	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8310 / 8310	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9000 / 9000	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9595 / 9595	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9900 / 9900	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25 <b>Lease Number:</b> G03390 <b>Well Name:</b> 002 <b>API Well Number:</b> 177054025000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-OCT-1990	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 15126 <b>Borehole TVD:</b> 15126 <b>Rkb Elevation:</b> 85 <b>Water Depth:</b> 26 <b>Paleo ID:</b> 001
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Remark:

MD / TVD	Paleo Top Description	Ecozone
8970 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9960 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10350 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11190 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
11970 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12720 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
15030 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary:	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16010
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 16010
API Well Number: 177054027600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5840 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7220 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8180 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8870 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9530 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9740 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10280 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11540 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
11990 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12620 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
15050 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 24-MAY-1979	First Sample Examined: 8000
Lease Number: G03390	Source of Paleo: OPERATOR	Borehole MD: 13785
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13785
API Well Number: 177054032300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 8000 - 13710	Water Depth: 25
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF AT 3
8270 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8330 /	DEF AT -----	DEF AT 3
8570 /	DEF AT -----	DEF AT 4
8630 /	DEF AT -----	DEF AT 3
8810 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
8870 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8960 /	DEF AT -----	DEF AT 3
9210 /	DEF AT -----	DEF AT 4
9330 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9420 /	DEF AT local marker (general)	DEF AT 5
9570 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
9670 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
9690 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
9960 /	DEF AT -----	DEF AT 4
10260 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10610 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
10880 /	DEF AT -----	DEF AT 4
11090 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
12100 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
12190 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
12400 /	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 24-MAY-1979	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13785
<b>Well Name:</b> 006	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 13785
<b>API Well Number:</b> 177054032300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8000 - 13710	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 /	DEF AT -----	DEF AT 4
13710 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary:	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14900
Well Name: BJ005	Paleo Done By: OPERATOR	Borehole TVD: 14900
API Well Number: 177054031300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9610 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9820 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10330 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12330 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13090 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 16-NOV-1978	First Sample Examined: 8000
Lease Number: G03390	Source of Paleo: OPERATOR	Borehole MD: 14900
Well Name: BJ005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14900
API Well Number: 177054031300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 8000 - 14900	Water Depth: 28
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF AT 3
8390 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8540 /	DEF AT - - - - -	DEF AT 3
8900 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
9440 /	DEF AT sample gap top	DEF AT 0
9489 /	DEF AT sample gap bottom	DEF AT 0
9490 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9520 /	DEF AT local marker (general)	DEF AT 5
9610 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
9820 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
10000 /	DEF AT - - - - -	DEF AT 3
10300 /	DEF AT sample gap top	DEF AT 0
10329 /	DEF AT sample gap bottom	DEF AT 0
10330 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10630 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10960 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
11580 /	DEF AT local marker (general)	DEF AT 4
12170 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
12330 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
12540 /	DEF AT sample gap top	DEF AT 0
13000 /	DEF AT sample gap bottom	DEF AT 0
13001 /	DEF AT - - - - -	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 16-NOV-1978	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14900
<b>Well Name:</b> BJ005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 14900
<b>API Well Number:</b> 177054031300	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 8000 - 14900	<b>Water Depth:</b> 28
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13090 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 5
13360 /	DEF AT -----	DEF AT 4
14900 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 12-FEB-1979	First Sample Examined: 8000
Lease Number: G03390	Source of Paleo: OPERATOR	Borehole MD: 14900
Well Name: CJ008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14900
API Well Number: 177054031700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8000 - 14450	Water Depth: 28
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8420 /	DEF AT -----	DEF AT 3
8810 /	DEF AT -----	DEF AT 4
8840 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8990 /	DEF AT -----	DEF AT 3
9460 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9520 /	DEF AT local marker (general)	DEF AT 5
9580 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
9760 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
10360 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10630 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11530 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
11800 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
11980 /	DEF AT -----	DEF AT 4
12520 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
13240 /	DEF AT -----	DEF AT 5
14450 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 02-MAY-1983	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14900
Well Name: CJ008	Paleo Done By: OPERATOR	Borehole TVD: 14900
API Well Number: 177054031700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8840 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9580 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9760 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10360 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11530 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11800 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12520 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 09-JUL-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17526
<b>Well Name:</b> DJ009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17526
<b>API Well Number:</b> 177054036300	<b>Drilling Operator:</b> MCMORAN OIL & GAS CO	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10140 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11919 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
13459 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15130 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 12-JUN-1979	First Sample Examined: 8006
Lease Number: G03390	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: EJ007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15600
API Well Number: 177054033500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 8006 - 15097	Water Depth: 28
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8006 /	DEF AT first sample examined	DEF AT 3
8269 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8363 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8834 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8960 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9390 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9420 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9570 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
9600 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
9690 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
10230 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10530 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
10780 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10980 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
12160 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
12280 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
12980 /	DEF AT sample gap top	POS AT 5
13199 /	DEF AT sample gap bottom	DEF AT 5
13200 /	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT 5
14090 /	DEF AT faunal change (no faunal increase)	DEF AT 4
15033 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
15097 /	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15568
<b>Well Name:</b> GJ013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15568
<b>API Well Number:</b> 177054037500	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11720 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11810 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12334 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
15080 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 12-DEC-1979	<b>First Sample Examined:</b> 11365
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15568
<b>Well Name:</b> GJ013	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15568
<b>API Well Number:</b> 177054037500	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 11365 - 15520	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Cibicides opima possibly high

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11365 /	DEF AT cement	DEF AT 4
11605 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
11720 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
12334 /	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
13628 /	DEF AT sample gap top	DEF AT 0
13699 /	DEF AT sample gap bottom	DEF AT 0
13700 /	DEF AT poor sample interval top	DEF AT 0
15013 /	DEF AT poor sample interval bottom	DEF AT 0
15014 /	DEF AT -----	DEF AT 4
15046 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
15170 /	DEF AT -----	DEF AT 5
15520 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 13-MAR-1980	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15647
<b>Well Name:</b> HJ011	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15647
<b>API Well Number:</b> 177054038600	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10000 - 15625	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11690 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
11784 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
11890 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
12180 /	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT 5
12692 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 5
14074 /	DEF AT sample gap top	DEF AT 0
14771 /	DEF AT sample gap bottom	DEF AT 0
14772 /	DEF AT -----	DEF AT 4
15260 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
15625 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15647
Well Name: HJ011	Paleo Done By: OPERATOR	Borehole TVD: 15647
API Well Number: 177054038600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11690 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11784 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15260 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 24-JUN-1980	First Sample Examined: 10000
Lease Number: G03390	Source of Paleo: OPERATOR	Borehole MD: 15842
Well Name: JJ014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15842
API Well Number: 177054039500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 10000 - 15490	Water Depth: 27
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 /	DEF AT first sample examined	DEF AT 4
10520 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10820 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11230 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
11765 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
12005 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
12850 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
13920 /	DEF AT sample gap top	DEF AT 0
15309 /	DEF AT sample gap bottom	DEF AT 0
15310 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
15490 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 25-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15842
<b>Well Name:</b> JJ014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15842
<b>API Well Number:</b> 177054039500	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10520 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11230 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
11765 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
12005 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12850 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
15310 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 11-SEP-1981	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15465
Well Name: KJ016	Paleo Done By: OPERATOR	Borehole TVD: 15465
API Well Number: 177054040000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13658 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14568 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15208 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 16-FEB-1981	<b>First Sample Examined:</b> 11007
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15931
<b>Well Name:</b> LJ012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15392
<b>API Well Number:</b> 177054043900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 11007 - 15128	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11007 /10995	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12213 /12121	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
12306 /12202	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
13065 /12872	DEF AT -----	DEF AT 4
13322 /13097	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
15128 /14638	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 16-FEB-1981	<b>First Sample Examined:</b> 14476
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15931
<b>Well Name:</b> LJ012	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15392
<b>API Well Number:</b> 177054043900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 14476 - 15891	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14476 /14083	DEF AT first sample examined	DEF AT 4
15470 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
15891 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 05-OCT-1981	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15931
Well Name: LJ012	Paleo Done By: OPERATOR	Borehole TVD: 15392
API Well Number: 177054043900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8385 / 8384	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10028 /10027	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
13890 /13586	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14870 /14418	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15534 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 02-MAY-1983	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15371
Well Name: NJ010	Paleo Done By: OPERATOR	Borehole TVD: 14755
API Well Number: 177054040300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10928 /10835	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14976 /14438	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 25	<b>Date of Summary:</b> 11-SEP-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03390	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14150
<b>Well Name:</b> OJ020	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14150
<b>API Well Number:</b> 177054045100	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 12-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8372 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10096 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
13546 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13872 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 25	Date of Summary: 11-SEP-1981	First Sample Examined: 0
Lease Number: G03390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11650
Well Name: PJ017	Paleo Done By: OPERATOR	Borehole TVD: 10685
API Well Number: 177054044900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 12-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10478 / 9797	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10604 / 9888	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 08-SEP-1994	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14600
Well Name: 027	Paleo Done By: OPERATOR	Borehole TVD: 14600
API Well Number: 177054029300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 27-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8270 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9970 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10260 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12210 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14272 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 06-OCT-1994	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14723
Well Name: 029	Paleo Done By: OPERATOR	Borehole TVD: 14723
API Well Number: 177054030100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 07-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8254 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10188 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11682 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13295 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14245 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 06-MAR-1985	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15426
Well Name: 030	Paleo Done By: OPERATOR	Borehole TVD: 15426
API Well Number: 177054031800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 20-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6363 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7806 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8308 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10020 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10315 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11775 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12980 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15146 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 26	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00297	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16493
<b>Well Name:</b> 031	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16493
<b>API Well Number:</b> 177054032400	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 60
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 16-OCT-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7805 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10010 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10310 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12335 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14315 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14855 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary:	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15455
Well Name: 032	Paleo Done By: OPERATOR	Borehole TVD: 15455
API Well Number: 177054032500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 10-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6296 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7754 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8242 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9977 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10174 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11436 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12280 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14333 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14950 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 19-SEP-2001	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16772
Well Name: 033	Paleo Done By: OPERATOR	Borehole TVD: 16772
API Well Number: 177054036700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 07-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6338 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6390 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7180 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
7255 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
8230 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10130 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12220 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14530 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15036 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 24-JUN-1999	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 034	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177054036800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 17-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5805 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8308 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10190 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12293 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15120 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 25-APR-1996	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14697
Well Name: 036	Paleo Done By: OPERATOR	Borehole TVD: 14694
API Well Number: 177054041500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 24-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8263 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9947 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10240 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11360 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12182 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 26	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00297	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12087
<b>Well Name:</b> 038	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12087
<b>API Well Number:</b> 177054037900	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 60
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 04-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10033 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10350 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11768 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 19-AUG-1998	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14614
Well Name: 040	Paleo Done By: OPERATOR	Borehole TVD: 14614
API Well Number: 177054043400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 12-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6325 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6560 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7755 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7808 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8245 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8785 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9095 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9885 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9972 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10163 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11560 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12290 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14332 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 26	<b>Date of Summary:</b> 01-SEP-2000	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00297	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15250
<b>Well Name:</b> 042	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15250
<b>API Well Number:</b> 177054046600	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 62
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 24-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7740 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8220 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9880 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9980 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10170 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10495 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12170 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14225 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14745 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 043	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177054046000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 01-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10300 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12300 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 02-MAY-1983	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12226
Well Name: 048	Paleo Done By: OPERATOR	Borehole TVD: 12007
API Well Number: 177054052200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5843 / 5843	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6406 / 6406	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7853 / 7853	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8352 / 8341	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8955 / 8905	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10014 / 9902	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10304 / 10178	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 26	<b>Date of Summary:</b> 16-APR-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00297	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14600
<b>Well Name:</b> G001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14600
<b>API Well Number:</b> 177054033900	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8290 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10050 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12000 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14460 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 07-FEB-2001	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13577
Well Name: G002	Paleo Done By: OPERATOR	Borehole TVD: 13519
API Well Number: 177054034300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 01-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6394 / 6393	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6825 / 6824	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6868 / 6867	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7259 / 7258	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
7336 / 7335	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
7812 / 7811	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7829 / 7828	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8285 / 8283	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8309 / 8307	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8865 / 8851	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8932 / 8916	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10078 / 10041	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11412 / 11356	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12048 / 11991	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13335 / 13278	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 04-MAY-1999	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11830
Well Name: G003	Paleo Done By: OPERATOR	Borehole TVD: 11751
API Well Number: 177054034400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 23-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7538 / 7533	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 0
8310 / 8282	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9945 / 9879	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10644 / 10572	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11430 / 11356	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 26	Date of Summary: 09-OCT-1995	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17825
Well Name: G004	Paleo Done By: OPERATOR	Borehole TVD: 17825
API Well Number: 177054034500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 12-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6390 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8287 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9783 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10055 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11370 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11990 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15665 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
16200 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 26 <b>Lease Number:</b> 00297 <b>Well Name:</b> I001 <b>API Well Number:</b> 177054041700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 02-SEP-1990	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 15700 <b>Borehole TVD:</b> 15700 <b>Rkb Elevation:</b> 91 <b>Water Depth:</b> 24 <b>Paleo ID:</b> 001
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**Remark:** Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8100 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10100 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12100 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15200 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 26 <b>Lease Number:</b> G03390 <b>Well Name:</b> 003 <b>API Well Number:</b> 177054026800 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 12-OCT-1990	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11351 <b>Borehole TVD:</b> 10781 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 30 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 5957	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7100 / 6838	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7550 / 7251	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9470 / 8977	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10100 / 9556	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10940 / 10368	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 27	Date of Summary: 01-MAR-2001	First Sample Examined: 0
Lease Number: G04208	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17800
API Well Number: 177054041800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 08-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11430 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12500 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15680 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 27	<b>Date of Summary:</b> 07-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04208	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16558
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16160
<b>API Well Number:</b> 177054044000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 18
<b>Public Info Code:</b> Y 02-MAR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11701 /11331	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13071 /12701	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 27	<b>Date of Summary:</b> 08-OCT-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04208	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17500
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17157
<b>API Well Number:</b> 177054045000	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 17
<b>Public Info Code:</b> Y 09-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11320 /10982	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12510 /12172	POS IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
16970 /	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 28	Date of Summary:	First Sample Examined: 9200
Lease Number: G04784	Source of Paleo: OPERATOR	Borehole MD: 18025
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 18007
API Well Number: 177054070500	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 9200 - 18025	Water Depth: 14
Public Info Code: Y 08-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 / 9199	DEF AT first sample examined	DEF AT 2
9201 / 9200	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9650 / 9649	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
9710 / 9709	DEF AT faunal change (no faunal increase)	DEF AT 3
9920 / 9919	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10550 / 10549	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11150 / 11149	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
11630 / 11628	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
12700 / 12698	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
14630 / 14628	DEF AT faunal change (no faunal increase)	DEF AT 2
15410 / 15406	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
16400 / 16389	DEF AT faunal change (no faunal increase)	DEF AT 3
16480 / 16469	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
17210 / 17196	DEF AT faunal change (no faunal increase)	DEF AT 2
17930 / 17912	DEF AT faunal change (no faunal increase)	DEF AT 4
18025 / 18007	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 28	Date of Summary: 06-FEB-1992	First Sample Examined: 0
Lease Number: G04784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177054089500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 08-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: 10890=second Cibicides opima; 15320=Siphogenerina sp

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9240 / 9239	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9780 / 9779	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10080 /10079	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10650 /10649	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10890 /10889	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12470 /12469	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
12810 /12809	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13390 /13388	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0
15008 /15004	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
15320 /15316	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 28	Date of Summary: 08-DEC-1982	First Sample Examined: 0
Lease Number: G04784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13415
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177054052700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 08-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9240 / 9008	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9990 / 9726	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10290 /10014	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11070 /10759	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12900 /12522	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 30	<b>Date of Summary:</b> 12-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04785	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9151
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8767
<b>API Well Number:</b> 177054053400	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 40
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 11
<b>Public Info Code:</b> Y 15-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 /	POS AT Upper (Late) Miocene	DEF AT 0
5841 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5842 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8600 /	POS AT Middle Miocene	DEF AT 0
8601 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 30	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G04785	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11297
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11201
API Well Number: 177054056300	Drilling Operator: TEXACO INC	Rkb Elevation: 39
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 12-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7950 / 7950	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8530 / 8529	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
8720 / 8719	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 30	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: G04785	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11297
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11201
API Well Number: 177054056300	Drilling Operator: TEXACO INC	Rkb Elevation: 39
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 12-SEP-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9992 / 9982	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 31 <b>Lease Number:</b> G02868 <b>Well Name:</b> 002 <b>API Well Number:</b> 177054036200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 24-OCT-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TEXACO INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 13637 <b>Borehole TVD:</b> 13407 <b>Rkb Elevation:</b> 31 <b>Water Depth:</b> 15 <b>Paleo ID:</b> 001
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5122 / 5122	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
6029 / 6029	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6215 / 6215	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7679 / 7679	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
8191 / 8191	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8939 / 8939	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9549 / 9549	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10579 / 10574	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 31	<b>Date of Summary:</b> 23-JUL-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02868	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16300
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16300
<b>API Well Number:</b> 177054047700	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 39
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 13
<b>Public Info Code:</b> Y 07-FEB-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6235 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8010 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9570 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13830 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 31	<b>Date of Summary:</b> 02-NOV-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02868	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15826
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15813
<b>API Well Number:</b> 177054053800	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 39
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 11
<b>Public Info Code:</b> Y 04-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14182 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 31	Date of Summary: 02-MAY-1983	First Sample Examined: 0
Lease Number: G02868	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14525
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 14525
API Well Number: 177054055100	Drilling Operator: TEXACO INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 07-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9472 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
14356 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 31	Date of Summary: 18-JUL-2001	First Sample Examined: 0
Lease Number: G02868	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15483
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15463
API Well Number: 177054055900	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 24-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14239 /14237	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 31	Date of Summary: 17-OCT-1983	First Sample Examined: 0
Lease Number: G02868	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15638
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 15638
API Well Number: 177054057000	Drilling Operator: TEXACO INC	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 06-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12640 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
13915 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 31	Date of Summary: 17-NOV-1983	First Sample Examined: 0
Lease Number: G02868	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14500
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 14493
API Well Number: 177054060600	Drilling Operator: TEXACO INC	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 12-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13950 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 35	Date of Summary: 16-MAR-1981	First Sample Examined: 0
Lease Number: 00548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177054041400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 29-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8241 / 8240	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9900 / 9899	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
12234 /12233	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14990 /14987	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 35	<b>Date of Summary:</b> 12-MAY-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00548	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15232
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15227
<b>API Well Number:</b> 177054041402	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 06-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14122 /14120	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14673 /14669	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15033 /15028	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 35	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: 00548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15470
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15470
API Well Number: 177054046100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 17-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9960 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10250 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12310 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15100 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 35	Date of Summary: 07-MAY-2001	First Sample Examined: 0
Lease Number: 00548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18500
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 18500
API Well Number: 177054049100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 27-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9860 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10132 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12151 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15272 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 35	Date of Summary: 27-JAN-1983	First Sample Examined: 0
Lease Number: 00548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 11800
API Well Number: 177054054200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5750 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7859 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8160 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8732 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9790 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10046 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> VR 35 <b>Lease Number:</b> 00549 <b>Well Name:</b> 009 <b>API Well Number:</b> 177054024500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 15-APR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10000 <b>Borehole TVD:</b> 10000 <b>Rkb Elevation:</b> 57 <b>Water Depth:</b> 29 <b>Paleo ID:</b> 001</p>
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6346 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6475 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6906 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7925 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8447 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9044 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 36	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01357	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17100
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17100
<b>API Well Number:</b> 177054035800	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 60
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 29
<b>Public Info Code:</b> Y 28-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8380 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10065 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10930 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12485 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
15335 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 36	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G01357	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14860
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14797
API Well Number: 177054042100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 03-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11240 /11179	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11830 /11769	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12440 /12379	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14430 /14368	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 36	<b>Date of Summary:</b> 19-DEC-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01357	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14700
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14700
<b>API Well Number:</b> 177054042300	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 30
<b>Public Info Code:</b> Y 01-NOV-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11185 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12430 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 38	Date of Summary:	First Sample Examined: 0
Lease Number: 00205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10189
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9766
API Well Number: 177054032800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 02-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7660 / 7660	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8280 / 8257	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9337 / 9149	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9564 / 9317	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9718 / 9430	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9847 / 9522	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 38	Date of Summary: 09-JUN-2000	First Sample Examined: 0
Lease Number: 00205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10189
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9766
API Well Number: 177054032800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 02-FEB-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9452 / 9235	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9769 / 9466	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 38	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: 00205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11430
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 10808
API Well Number: 177054046800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 18-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7042 / 7009	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7542 / 7459	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8449 / 8243	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8812 / 8564	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9216 / 8912	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9359 / 9031	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10812 / 10256	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10940 / 10368	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
11190 / 10591	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 38	Date of Summary:	First Sample Examined: 0
Lease Number: 00205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10707
Well Name: H003	Paleo Done By: OPERATOR	Borehole TVD: 10420
API Well Number: 177054036600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 05-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 / 6317	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7455 / 7326	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8450 / 8257	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9155 / 8925	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9795 / 9538	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10303 / 10028	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10468 / 10188	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 38 <b>Lease Number:</b> 00205 <b>Well Name:</b> H003 <b>API Well Number:</b> 177054036600 <b>Paleo Report Num:</b> 2 of 2 <b>Public Info Code:</b> Y 05-AUG-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10707 <b>Borehole TVD:</b> 10420 <b>Rkb Elevation:</b> 65 <b>Water Depth:</b> 40 <b>Paleo ID:</b> 002
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**Remark:** In=sand

MD / TVD	Paleo Top Description	Ecozone
6318 / 6268	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7324 / 7205	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8257 / 8076	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8926 / 8707	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9537 / 9290	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10075 / 9808	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10185 / 9914	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 39	Date of Summary: 28-AUG-1981	First Sample Examined: 0
Lease Number: 00206	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12057
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12057
API Well Number: 177054023800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 28-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7765 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9115 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9485 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11880 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 39	Date of Summary: 04-MAR-1996	First Sample Examined: 0
Lease Number: 00206	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8869
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8432
API Well Number: 177054023801	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 11-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7323 / 7028	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7828 / 7483	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8476 / 8072	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 39	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00206	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10821
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10821
<b>API Well Number:</b> 177054024000	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 48
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 38
<b>Public Info Code:</b> Y 03-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5744 / 5744	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6200 / 6200	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7410 / 7409	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7942 / 7940	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8917 / 8915	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9020 / 9018	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9228 / 9226	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
9736 / 9734	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 40	Date of Summary:	First Sample Examined: 0
Lease Number: G02869	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10364
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10358
API Well Number: 177054037800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 28-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 8349	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8980 / 8978	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9190 / 9187	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9910 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 40	Date of Summary: 27-SEP-1999	First Sample Examined: 0
Lease Number: G02869	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11111
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11111
API Well Number: 177054048200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 29-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5165 / 5164	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5591 / 5590	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
6974 / 6973	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7440 / 7439	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7480 / 7479	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7935 / 7934	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8284 / 8283	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8542 / 8541	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8880 / 8879	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9554 / 9553	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9750 / 9749	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10948 / 10945	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 42	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00207	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11830
<b>Well Name:</b> C003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11464
<b>API Well Number:</b> 177054033000	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 25-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6233 / 5920	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8447 / 8081	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9047 / 8681	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10660 /10294	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11718 /11350	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 43	Date of Summary: 18-JUN-1991	First Sample Examined: 0
Lease Number: G08421	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10644
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10641
API Well Number: 177054088300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 20-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10105 /10102	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10423 /10420	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10528 /10525	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 50	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03392	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12800
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12799
<b>API Well Number:</b> 177054026300	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 30-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 /	POS AT Upper (Late) Miocene	DEF AT 0
8950 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11200 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary:	First Sample Examined: 0
Lease Number: G03392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14933
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14933
API Well Number: 177054024200	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 /	POS AT Middle Miocene	DEF AT 0
8901 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11180 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14500 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary:	First Sample Examined: 0
Lease Number: G03392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15200
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 14803
API Well Number: 177054025300	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6599	POS AT Upper (Late) Miocene	DEF AT 0
9320 / 8949	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10250 / 9857	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10605 / 10211	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11575 / 11181	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14435 / 14040	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G03392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15985
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 15985
API Well Number: 177054057700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7700 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8240 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8810 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
9280 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10850 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11100 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13400 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
14000 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 21-FEB-1984	First Sample Examined: 0
Lease Number: G03392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15645
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 15079
API Well Number: 177054058500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 152
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9180 / 8846	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
9670 / 9317	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11305 /10888	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11570 /11144	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
13565 /13057	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14130 /13601	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
14870 /14320	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 31-JAN-1978	First Sample Examined: 10000
Lease Number: G03392	Source of Paleo: OPERATOR	Borehole MD: 19000
Well Name: D001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19000
API Well Number: 177054026400	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 87
Paleo Report Num: 1 of 4	Sample Range: 10000 - 19000	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 /	DEF AT first sample examined	DEF IN 3
10060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10210 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
10600 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14050 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
15910 /	DEF AT sample gap top	POS AT 4
16060 /	DEF AT sample gap bottom	DEF AT 4
16180 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
19000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 29-OCT-1982	First Sample Examined: 10000
Lease Number: G03392	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19000
Well Name: D001	Paleo Done By: GAY LARRE'	Borehole TVD: 19000
API Well Number: 177054026400	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 87
Paleo Report Num: 2 of 4	Sample Range: 10000 - 19000	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT 3
10001 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10059 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
10060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10180 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10210 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
10600 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11170 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11890 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
12250 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
12610 /	DEF AT local marker benthic foram increase	DEF AT 4
13780 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
13810 /	DEF AT local marker benthic foram increase	DEF AT 4
13900 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
14050 /	DEF AT local marker benthic foram increase	DEF AT 4
15070 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
15700 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
15910 /	DEF AT sample gap top	POS AT 4
16060 /	DEF AT sample gap bottom	DEF AT 4
16150 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
16659 /	DEF AT foram flood	DEF AT 4
16660 /	DEF AT local marker planktic foram increase	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 29-OCT-1982	First Sample Examined: 10000
Lease Number: G03392	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19000
Well Name: D001	Paleo Done By: GAY LARRE'	Borehole TVD: 19000
API Well Number: 177054026400	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 87
Paleo Report Num: 2 of 4	Sample Range: 10000 - 19000	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17880 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
18010 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
19000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 50	<b>Date of Summary:</b> 10-NOV-1982	<b>First Sample Examined:</b> 17500
<b>Lease Number:</b> G03392	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 19000
<b>Well Name:</b> D001	<b>Paleo Done By:</b> ED COTTON	<b>Borehole TVD:</b> 19000
<b>API Well Number:</b> 177054026400	<b>Drilling Operator:</b> HOUSTON OIL & MINERALS CORPORA	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 10000 - 18100	<b>Water Depth:</b> 17
<b>Public Info Code:</b> Y 30-AUG-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 005

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17500 /	DEF AT first sample examined	DEF AT 3
17530 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
18100 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 25-APR-1985	First Sample Examined: 10000
Lease Number: G03392	Source of Paleo: OPERATOR	Borehole MD: 19000
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 19000
API Well Number: 177054026400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 4 of 4	Sample Range: 10000 - 19000	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT 3
10060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10210 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
10600 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14050 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
16180 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
19000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G03392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15720
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 14898
API Well Number: 177054059400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8921 / 8572	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10035 / 9602	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
12088 / 11534	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
13102 / 12458	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 50	Date of Summary: 11-SEP-1981	First Sample Examined: 0
Lease Number: G03392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13281
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 12901
API Well Number: 177054044800	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 30-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7816	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
9640 / 9529	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10325 /10149	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11300 /11049	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 54	<b>Date of Summary:</b> 19-SEP-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07678	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11266
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10472
<b>API Well Number:</b> 177054085800	<b>Drilling Operator:</b> TAYLOR ENERGY COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 25
<b>Public Info Code:</b> Y 31-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9216 / 8947	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10380 / 9815	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11119 /10361	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 57	Date of Summary:	First Sample Examined: 0
Lease Number: 00554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11467
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11467
API Well Number: 177050007500	Drilling Operator: TEXACO INC	Rkb Elevation: 18
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 28-APR-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2980 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
4900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5918 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6270 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8170 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9169 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10705 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 57	<b>Date of Summary:</b> 12-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00554	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8530
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8530
<b>API Well Number:</b> 177054038000	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 33
<b>Public Info Code:</b> Y 28-APR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4946 / 4946	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5949 / 5949	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
6260 / 6260	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8056 / 8056	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 57	Date of Summary: 01-FEB-1985	First Sample Examined: 0
Lease Number: 00554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12041
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12037
API Well Number: 177054070400	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 28-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8610 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 57	Date of Summary: 15-APR-1982	First Sample Examined: 0
Lease Number: G03977	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9718
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9377
API Well Number: 177054041901	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 21-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9430 / 9090	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary:	First Sample Examined: 0
Lease Number: G03546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11748
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11741
API Well Number: 177054029700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 03-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6790	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7780 / 7779	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8530 / 8529	DEF AT Eggerella sp. (local marker)	DEF AT 0
10270 / 10269	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11650 / 11649	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> VR 58 <b>Lease Number:</b> G03546 <b>Well Name:</b> 003 <b>API Well Number:</b> 177054030000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 02-SEP-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12687 <b>Borehole TVD:</b> 12506 <b>Rkb Elevation:</b> 96 <b>Water Depth:</b> 33 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6460 / 6431	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7810 / 7759	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8710 / 8639	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10000 / 9893	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11200 / 11050	DEF AT deepwater facies Harang	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary: 06-JAN-1982	First Sample Examined: 3500
Lease Number: G03546	Source of Paleo: OPERATOR	Borehole MD: 8450
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8245
API Well Number: 177054049800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3500 - 8360	Water Depth: 40
Public Info Code: Y 09-JAN-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3484	DEF AT first sample examined	DEF AT 1
5210 / 5167	DEF AT - - - - -	DEF AT 2
6410 / 6330	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7040 / 6939	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7910 / 7788	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7970 / 7847	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8360 / 8234	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 58	<b>Date of Summary:</b> 15-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03546	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8450
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8245
<b>API Well Number:</b> 177054049800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 09-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6707	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7970 / 7847	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary: 20-APR-1982	First Sample Examined: 6200
Lease Number: G03546	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9250
API Well Number: 177054051200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6200 - 9200	Water Depth: 45
Public Info Code: Y 19-MAY-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6200 / 6200	DEF AT first sample examined	DEF AT 3
6530 / 6530	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7040 / 7040	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7790 / 7790	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8420 / 8420	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8600 / 8600	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8750 / 8750	DEF AT faunal change (no faunal increase)	DEF AT 4
9050 / 9050	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9200 / 9200	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary:	First Sample Examined: 0
Lease Number: G03546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177054026600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 07-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 6470	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7820 / 7819	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8600 / 8599	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9740 / 9739	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11120 / 11118	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary: 27-MAR-1978	First Sample Examined: 3410
Lease Number: G03546	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13500
API Well Number: 177054026600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 3410 - 13490	Water Depth: 33
Public Info Code: Y 07-JAN-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3410	DEF AT first sample examined	DEF AT 2
6470 / 6470	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7160 / 7160	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7820 / 7819	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8480 / 8479	DEF IN Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
8600 / 8599	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9740 / 9739	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
10040 / 10039	DEF AT -----	DEF AT 4
10940 / 10938	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
11120 / 11118	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
11390 / 11388	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
11510 / 11508	DEF AT -----	DEF AT 4
11630 / 11628	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12560 / 12558	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12980 / 12978	DEF AT local marker (general)	DEF AT 4
13310 / 13308	DEF AT -----	DEF AT 5
13490 / 13487	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 58	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03546	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10902
<b>Well Name:</b> B006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10902
<b>API Well Number:</b> 177054050600	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 04-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7910 / 7910	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8660 / 8660	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10070 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary: 08-FEB-1982	First Sample Examined: 7130
Lease Number: G03546	Source of Paleo: OPERATOR	Borehole MD: 10902
Well Name: B006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10902
API Well Number: 177054050600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 7130 - 10860	Water Depth: 45
Public Info Code: Y 04-MAR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 / 7130	DEF AT first sample examined	DEF AT 3
7910 / 7910	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8570 / 8570	DEF AT Eggerella sp. (local marker)	DEF AT 3
8660 / 8660	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9950 / 9950	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
10070 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10860 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary: 11-DEC-1998	First Sample Examined: 0
Lease Number: G03546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10902
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 10902
API Well Number: 177054050600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 04-MAR-1992	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7910 / 7910	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8660 / 8660	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10070 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 58	<b>Date of Summary:</b> 12-MAY-1982	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G03546	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9964
<b>Well Name:</b> B008	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9761
<b>API Well Number:</b> 177054052000	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7000 - 9910	<b>Water Depth:</b> 37
<b>Public Info Code:</b> Y 14-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6993	DEF AT first sample examined	DEF AT 3
7030 / 7023	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7810 / 7803	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8350 / 8333	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8680 / 8644	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9070 / 9009	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9910 / 9747	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 58	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G03546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9964
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 9761
API Well Number: 177054052000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 14-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 8333	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
8680 / 8644	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 60	Date of Summary: 27-APR-1982	First Sample Examined: 0
Lease Number: G02870	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9036
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8787
API Well Number: 177054051300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 23-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6051 / 6048	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7490 / 7387	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8213 / 8041	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 60	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02870	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8005
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8005
API Well Number: 177054051900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5950 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7100 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8125 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 61	Date of Summary: 26-SEP-1989	First Sample Examined: 6000
Lease Number: G07679	Source of Paleo: OPERATOR	Borehole MD: 13355
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13348
API Well Number: 177054082800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 6000 - 13350	Water Depth: 48
Public Info Code: Y 12-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5779	DEF AT first sample examined	DEF IN 2
6510 / 6228	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7110 / 6744	DEF AT - - - - -	DEF AT 3
7230 / 6846	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7800 / 7319	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8790 / 8104	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9660 / 8755	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11220 / 9816	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11970 / 10302	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12150 / 10433	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13350 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 61	Date of Summary: 18-OCT-1989	First Sample Examined: 0
Lease Number: G07679	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13355
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13348
API Well Number: 177054082800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 12-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5779	DEF AT -----	DEF AT 2
6510 / 6228	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7110 / 6744	DEF AT -----	DEF AT 3
7230 / 6846	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7800 / 7319	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8790 / 8104	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9660 / 8755	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11220 / 9816	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11970 / 10302	DEF AT -----	DEF AT 4
12150 / 10433	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 65	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03327	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10200
<b>API Well Number:</b> 177054037100	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 67
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 34
<b>Public Info Code:</b> Y 31-AUG-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6640 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7030 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7940 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8585 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9250 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 65	Date of Summary: 16-MAR-1981	First Sample Examined: 0
Lease Number: G03327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14817
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14817
API Well Number: 177054042700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 27-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7354 / 7354	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7684 / 7684	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8210 / 8209	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
9080 / 9079	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9906 / 9904	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10830 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12048 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12570 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13830 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14460 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 65	<b>Date of Summary:</b> 11-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03327	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9858
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9858
<b>API Well Number:</b> 177054053500	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 38
<b>Public Info Code:</b> Y 13-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7091 / 7091	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8658 / 8655	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9186 / 9182	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 66	Date of Summary: 31-OCT-1997	First Sample Examined: 0
Lease Number: G04787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10179
API Well Number: 177054050300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 10-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6538 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7463 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8502 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9157 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 66	Date of Summary: 16-MAY-2001	First Sample Examined: 0
Lease Number: G04787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14900
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12875
API Well Number: 177054050400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 01-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5900 / 5878	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6600 / 6529	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7477 / 7254	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7730 / 7455	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8582 / 8144	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8929 / 8428	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9228 / 8675	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9686 / 9051	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9999 / 9303	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10342 / 9574	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
14143 / 12423	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 67	<b>Date of Summary:</b> 28-JAN-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00559	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14690
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14690
<b>API Well Number:</b> 177054045700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 29
<b>Public Info Code:</b> Y 28-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6798 / 6797	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7320 / 7319	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8175 / 8174	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9484 / 9483	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10100 /10099	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10640 /10639	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11939 /11938	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13564 /13563	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 71	Date of Summary: 22-JAN-1990	First Sample Examined: 0
Lease Number: G09490	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12800
API Well Number: 177054084000	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 31-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7297 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8610 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
11301 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12497 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 72	Date of Summary: 17-NOV-1980	First Sample Examined: 7980
Lease Number: G04104	Source of Paleo: OPERATOR	Borehole MD: 17068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17068
API Well Number: 177054040700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 21-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11930 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
13280 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
17068 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 73	<b>Date of Summary:</b> 05-JAN-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09491	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10227
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10000
<b>API Well Number:</b> 177054080900	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 10-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 / 6932	POS AT Miocene	DEF AT 0
9420 / 9193	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 75	Date of Summary: 28-AUG-1981	First Sample Examined: 4500
Lease Number: G03978	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177054044500	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 66
Paleo Report Num: 1 of 2	Sample Range: 4500 - 16000	Water Depth: 22
Public Info Code: Y 07-FEB-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF IN 1
6900 / 6900	DEF AT -----	DEF AT 2
7050 / 7050	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7970 / 7970	DEF AT -----	DEF AT 3
9150 / 9150	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10800 /10800	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10920 /10920	DEF AT -----	DEF AT 4
11580 /11579	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
12660 /12659	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12840 /12839	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13290 /13289	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
15330 /15323	DEF AT sample gap top	DEF AT 0
15450 /15442	DEF AT sample gap bottom	DEF AT 0
16000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 75	<b>Date of Summary:</b> 26-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03978	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16000
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16000
<b>API Well Number:</b> 177054044500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 66
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 22
<b>Public Info Code:</b> Y 07-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9000 / 9000	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10800 /10800	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
12900 /12899	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13300 /13299	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 75	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G03978	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15961
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 15316
API Well Number: 177054054600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 07-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7200 / 7082	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8020 / 7855	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9150 / 8923	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10900 / 10596	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11250 / 10931	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
12500 / 12113	DEF AT local marker (general)	DEF AT 0
13000 / 12587	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13290 / 12866	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13400 / 12970	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
13735 / 13278	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 75	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G03978	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6975
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6009
API Well Number: 177054058300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 07-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5820 / 5090	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 75	Date of Summary: 07-DEC-1983	First Sample Examined: 0
Lease Number: G03978	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16295
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 15680
API Well Number: 177054058900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 07-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 5043	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
7190 / 7009	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9680 / 9356	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10640 / 10265	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11990 / 11553	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
14640 / 14053	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 75	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G03978	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15700
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 15700
API Well Number: 177054049400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 07-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7200 / 7200	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8010 / 8010	DEF AT local marker (general)	DEF AT 0
9150 / 9150	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10900 / 10900	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11250 / 11250	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
12500 / 12499	DEF AT local marker (general)	DEF AT 0
13000 / 12999	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
13290 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13400 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
13740 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 76	Date of Summary: 27-JAN-1982	First Sample Examined: 10680
Lease Number: 00249	Source of Paleo: OPERATOR	Borehole MD: 19054
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 19054
API Well Number: 177054045400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 16-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: 16195=Planulina harangensis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11987 /11987	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
16195 /16194	POS AT local marker (general)	DEF AT 0
16196 /16195	POS AT deepwater facies Harang	DEF AT 0
16990 /16988	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
19045 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 76	Date of Summary: 18-APR-1985	First Sample Examined: 0
Lease Number: 00249	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177054057500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 16-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7060 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9040 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10570 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 76	Date of Summary: 29-APR-1985	First Sample Examined: 7000
Lease Number: 00249	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11000
API Well Number: 177054057500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 7000 - 11000	Water Depth: 24
Public Info Code: Y 16-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	DEF IN 2
7060 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7930 /	DEF AT -----	DEF AT 3
9040 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9250 /	DEF AT -----	DEF AT 4
10570 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 76	<b>Date of Summary:</b> 16-JUL-1982	<b>First Sample Examined:</b> 6500
<b>Lease Number:</b> 00249	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12084
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11603
<b>API Well Number:</b> 177054053100	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6500 - 12120	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 16-MAY-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6374	DEF AT first sample examined	DEF IN 2
6920 / 6769	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7040 / 6883	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8120 / 7898	DEF AT -----	DEF AT 3
9470 / 9171	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10820 / 10443	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12120 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 76	<b>Date of Summary:</b> 07-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00249	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12084
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11603
<b>API Well Number:</b> 177054053100	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 16-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6920 / 6769	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7040 / 6883	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9470 / 9171	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10820 / 10443	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 76	Date of Summary: 26-MAY-1982	First Sample Examined: 3910
Lease Number: 00249	Source of Paleo: OPERATOR	Borehole MD: 10984
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10983
API Well Number: 177054052300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3910 - 10960	Water Depth: 23
Public Info Code: Y 16-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3910 /	DEF AT first sample examined	DEF IN 1
6880 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7810 /	DEF AT -----	DEF AT 2
8140 /	DEF AT -----	DEF AT 3
9160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10510 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10960 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 76	Date of Summary: 07-JAN-1983	First Sample Examined: 0
Lease Number: 00249	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10984
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10983
API Well Number: 177054052300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 16-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6880 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10510 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 78	<b>Date of Summary:</b> 23-NOV-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04421	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15126
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15126
<b>API Well Number:</b> 177054047900	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 30
<b>Public Info Code:</b> Y 03-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 / 7300	POS AT Upper (Late) Miocene	DEF AT 0
7301 / 7301	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7302 / 7302	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11200 /11199	POS AT Middle Miocene	DEF AT 0
11201 /11200	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
13610 /13605	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 83	<b>Date of Summary:</b> 29-JUL-1991	<b>First Sample Examined:</b> 3250
<b>Lease Number:</b> G07680	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11678
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10300
<b>API Well Number:</b> 177054089000	<b>Drilling Operator:</b> ENERGEN RESOURCES MAQ INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3250 - 11678	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 03-NOV-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 / 3250	DEF AT first sample examined	DEF IN 1
3580 / 3580	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5920 / 5920	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7180 / 7174	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7360 / 7348	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7510 / 7491	DEF AT faunal change (no faunal increase)	DEF AT 3
8350 / 8229	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8800 / 8582	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10030 / 9296	DEF AT faunal change (no faunal increase)	DEF AT 4
10090 / 9330	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10840 / 9768	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11678 / 10293	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 86	Date of Summary: 15-SEP-1969	First Sample Examined: 5000
Lease Number: 00172	Source of Paleo: OPERATOR	Borehole MD: 12755
Well Name: 005	Paleo Done By: ED ROEDERER	Borehole TVD: 12755
API Well Number: 177052000700	Drilling Operator: HOMESTAKE SULPHUR COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12710	Water Depth: 24
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 3
5720 /	DEF AT local marker (general)	DEF AT 5
6320 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
7220 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
7910 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
8330 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 5
8540 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
9050 /	DEF AT local marker foram increase	DEF AT 5
9770 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
10610 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11030 /	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
11360 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
12710 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 86	Date of Summary:	First Sample Examined: 0
Lease Number: 00172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16704
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 16704
API Well Number: 177052005000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10230 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11005 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12850 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
15400 /	DEF AT deepwater facies Harang	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 86	<b>Date of Summary:</b> 19-JUN-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00172	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11830
<b>Well Name:</b> B003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11655
<b>API Well Number:</b> 177054068100	<b>Drilling Operator:</b> HOMESTAKE SULPHUR COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 42
<b>Public Info Code:</b> Y 24-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 8013	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8630 / 8607	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
9770 / 9706	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 88	Date of Summary: 23-JAN-1984	First Sample Examined: 0
Lease Number: G05405	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9345
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9345
API Well Number: 177054062200	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 25-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7820	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8540 / 8540	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 88	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G05405	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12175
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11405
API Well Number: 177054062800	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 25-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8860 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 88	Date of Summary: 16-JUL-1985	First Sample Examined: 0
Lease Number: G05405	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9475
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8885
API Well Number: 177054062801	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 25-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 / 7866	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9190 / 8671	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 96	Date of Summary: 18-NOV-1988	First Sample Examined: 0
Lease Number: G05409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5000
API Well Number: 177054080800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 19-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3640 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 96	<b>Date of Summary:</b> 03-MAR-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05409	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11734
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11732
<b>API Well Number:</b> 177054071300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 41
<b>Public Info Code:</b> Y 19-JAN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3640 / 3639	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8260 / 8259	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8585 / 8584	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9500 / 9499	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
10665 / 10664	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 97	Date of Summary: 30-DEC-1985	First Sample Examined: 0
Lease Number: G05410	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11988
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11039
API Well Number: 177054071400	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 04-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 7835	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9400 / 8770	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10270 / 9527	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 97	Date of Summary: 15-NOV-1988	First Sample Examined: 0
Lease Number: G05410	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12900
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12900
API Well Number: 177054065200	Drilling Operator: ENRON CORP	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 04-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6700	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8230 / 8230	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8890 / 8890	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9730 / 9730	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
11850 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 102	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G03393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9046
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9042
API Well Number: 177054054800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 11-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8960 / 8960	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 102	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9722
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9254
API Well Number: 177054048401	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 11-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8070 / 7814	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9445 / 9028	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9660 / 9204	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 102	Date of Summary:	First Sample Examined: 0
Lease Number: G03393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9644
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8915
API Well Number: 177054027400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 27-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7098 / 7098	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 102	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03393	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11050
<b>Well Name:</b> B002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11039
<b>API Well Number:</b> 177054027000	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 66
<b>Public Info Code:</b> Y 24-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	POS AT Pliocene	DEF AT 0
5530 / 5530	POS AT Upper Pliocene Piacenzian Stage	DEF AT 0
7000 / 7000	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 104	Date of Summary: 22-OCT-1979	First Sample Examined: 300
Lease Number: G03980	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177054037400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 14510	Water Depth: 62
Public Info Code: Y 10-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF AT 1
301 /	DEF AT non-marine sediment	DEF AT 1
3920 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3980 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5480 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5540 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6590 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
7400 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
7880 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
8000 /	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 1
8450 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8750 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8810 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
9020 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9230 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9650 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9830 /	DEF AT cement	DEF AT 1
9950 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10460 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11030 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11209 /	DEF AT local marker foram increase	DEF AT 3
11210 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 104	Date of Summary: 22-OCT-1979	First Sample Examined: 300
Lease Number: G03980	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177054037400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 14510	Water Depth: 62
Public Info Code: Y 10-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11510 /	DEF AT local marker foram decrease	DEF AT 1
11720 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11810 /	DEF AT local marker foram decrease	DEF AT 3
12200 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12890 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12920 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
13010 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
14300 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
14301 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
14360 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
14480 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 104	Date of Summary: 14-DEC-1982	First Sample Examined: 300
Lease Number: G03980	Source of Paleo: OPERATOR	Borehole MD: 11346
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11052
API Well Number: 177054048900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 300 - 11310	Water Depth: 64
Public Info Code: Y 04-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
720 / 720	DEF AT local marker foram increase	DEF AT 1
4020 / 3862	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5460 / 5204	DEF AT local marker (general)	DEF AT 1
6240 / 5952	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
7080 / 6789	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8550 / 8258	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
9240 / 8948	DEF AT -----	DEF AT 2
9390 / 9098	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9540 / 9248	DEF AT -----	DEF AT 2
9600 / 9308	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9960 / 9668	DEF AT -----	DEF AT 3
10230 / 9938	DEF AT -----	DEF AT 2
10800 /10507	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10860 /10567	DEF AT local marker (general)	DEF AT 3
11310 /11016	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 108	<b>Date of Summary:</b> 22-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05412	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12450
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12450
<b>API Well Number:</b> 177054063700	<b>Drilling Operator:</b> SOUTHLAND ROYALTY COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9160 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9970 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
12190 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 108	Date of Summary: 22-AUG-1984	First Sample Examined: 0
Lease Number: G05412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12444
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12218
API Well Number: 177054063701	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 / 8650	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9160 / 9160	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9970 / 9970	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 108	Date of Summary: 15-JAN-1988	First Sample Examined: 0
Lease Number: G05412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12998
API Well Number: 177054077600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 10100=Siphogenerina lamellata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 / 7519	DEF AT -----	DEF AT 2
8510 / 8509	DEF AT -----	DEF AT 3
8840 / 8839	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9200 / 9199	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10100 /10099	DEF AT local marker (general)	DEF AT 3
11120 /11119	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12650 /12648	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 111	Date of Summary: 23-AUG-1991	First Sample Examined: 4500
Lease Number: G08666	Source of Paleo: OPERATOR	Borehole MD: 11692
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11239
API Well Number: 177054089100	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4500 - 10460	Water Depth: 35
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4463	DEF AT first sample examined	DEF AT 2
6930 / 6710	DEF AT faunal change (no faunal increase)	DEF AT 3
6990 / 6766	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7230 / 6991	DEF AT faunal change (no faunal increase)	DEF AT 2
7830 / 7557	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8280 / 7982	DEF AT faunal change (no faunal increase)	DEF AT 4
8310 / 8010	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
9479 / 9120	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
9480 / 9121	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
9750 / 9378	DEF AT faunal change (no faunal increase)	DEF AT 4
10290 / 9893	DEF AT faunal change (no faunal increase)	DEF AT 5
10429 / 10026	DEF AT Bathysiphon fauna	DEF AT 5
10430 / 10027	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10460 / 10056	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 111	Date of Summary: 23-AUG-1991	First Sample Examined: 4560
Lease Number: G08666	Source of Paleo: OPERATOR	Borehole MD: 11692
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11239
API Well Number: 177054089100	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 4560 - 11680	Water Depth: 35
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4519	DEF AT first sample examined	DEF AT 2
7090 / 6860	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7240 / 7000	DEF AT faunal change (no faunal increase)	DEF AT 2
8350 / 8048	DEF AT faunal change (no faunal increase)	DEF AT 3
8380 / 8077	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9432 / 9075	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
9433 / 9076	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
9912 / 9533	DEF AT faunal change (no faunal increase)	DEF AT 4
10230 / 9836	DEF AT faunal change (no faunal increase)	DEF AT 5
10289 / 9892	DEF AT Bathysiphon fauna	DEF AT 5
10290 / 9893	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10540 / 10133	DEF AT faunal change (no faunal increase)	DEF AT 4
10690 / 10276	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11020 / 10594	DEF AT faunal change (no faunal increase)	DEF AT 5
11259 / 10826	POS AT unconformity	DEF AT 5
11260 / 10827	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
11620 / 11178	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11680 / 11237	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 115	Date of Summary: 01-JUN-1988	First Sample Examined: 1800
Lease Number: G05416	Source of Paleo: OPERATOR	Borehole MD: 12219
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11517
API Well Number: 177054079100	Drilling Operator: CONQUEST EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1800 - 12225	Water Depth: 60
Public Info Code: Y 19-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1799	DEF AT first sample examined	DEF IN 1
1860 / 1859	DEF AT -----	DEF AT 2
2010 / 2009	DEF AT -----	DEF AT 1
6140 / 6023	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7550 / 7263	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
9380 / 8873	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10790 /10165	DEF AT -----	DEF AT 4
11390 /10729	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12225 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 116	Date of Summary: 01-MAY-1984	First Sample Examined: 3400
Lease Number: G05414	Source of Paleo: OPERATOR	Borehole MD: 9720
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9502
API Well Number: 177054064100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3400 - 9720	Water Depth: 62
Public Info Code: Y 23-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3400	DEF IN pyrite	DEF AT 1
4510 / 4510	DEF AT cement	DEF AT 1
6100 / 6100	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
6340 / 6340	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
7180 / 7174	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7450 / 7435	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
7690 / 7661	DEF AT -----	DEF AT 1
8000 / 7942	POS AT fault	DEF AT 1
8560 / 8443	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9570 / 9363	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
9690 / 9474	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 116	<b>Date of Summary:</b> 18-JUN-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05414	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9720
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9502
<b>API Well Number:</b> 177054064100	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 23-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 6100	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7450 / 7435	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
8560 / 8443	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 116	Date of Summary: 22-JAN-1990	First Sample Examined: 0
Lease Number: G05414	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7555
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 6235
API Well Number: 177054084400	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 23-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7259 / 5969	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 120	Date of Summary: 27-FEB-1986	First Sample Examined: 0
Lease Number: G04790	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177054071900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 14-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 129	Date of Summary: 30-MAR-1986	First Sample Examined: 0
Lease Number: G06664	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14735
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14735
API Well Number: 177054071800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11171 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12323 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
13256 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
14537 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 131	<b>Date of Summary:</b> 13-AUG-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00775	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13253
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13253
<b>API Well Number:</b> 177054054700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 10-DEC-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 4170	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5860 / 5860	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10914 /10914	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
12468 /12468	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 131	<b>Date of Summary:</b> 17-OCT-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00775	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14719
<b>Well Name:</b> C002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14486
<b>API Well Number:</b> 177054056700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 15-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4190 / 4190	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5862 / 5861	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11185 /10957	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 131	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: 00775	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10442
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 9778
API Well Number: 177054058000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 25-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 4202	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
6320 / 5844	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 144	<b>Date of Summary:</b> 14-JUL-1979	<b>First Sample Examined:</b> 12000
<b>Lease Number:</b> G03125	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16160
<b>Well Name:</b> JA002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15124
<b>API Well Number:</b> 177054034700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 12000 - 15365	<b>Water Depth:</b> 89
<b>Public Info Code:</b> Y 14-JUL-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /11292	DEF AT first sample examined	DEF AT 0
12640 /11894	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
15365 /14440	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 144	Date of Summary: 18-JUL-1979	First Sample Examined: 14570
Lease Number: G03125	Source of Paleo: OPERATOR	Borehole MD: 16160
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 15124
API Well Number: 177054034700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 14570 - 16150	Water Depth: 89
Public Info Code: Y 14-JUL-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14570 /13724	DEF AT first sample examined	DEF AT 0
16150 /15123	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 29-SEP-1981	First Sample Examined: 1050
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 15715
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15715
API Well Number: 177054047400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1050 - 15683	Water Depth: 79
Public Info Code: Y 10-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF AT 1
7730 / 7730	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8880 / 8880	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8956 / 8956	DEF AT faunal change (no faunal increase)	DEF AT 3
9910 / 9910	DEF AT faunal change (no faunal increase)	DEF AT 2
10567 /10567	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11130 /11130	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12324 /12324	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 5
13210 /13210	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13367 /13367	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13828 /13828	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
13829 /13829	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 5
13830 /13830	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
14805 /14805	DEF AT local marker deep water fauna	DEF AT 6
15589 /15589	DEF AT gouge	DEF AT 7
15683 /15683	DEF AT last sample examined	DEF AT 7

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 07-MAR-1990	First Sample Examined: 0
Lease Number: G03394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11030
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10911
API Well Number: 177054057600	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 23-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9878 / 9776	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10233 / 10124	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
10836 / 10719	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 146	<b>Date of Summary:</b> 18-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03394	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10371
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10168
<b>API Well Number:</b> 177054061400	<b>Drilling Operator:</b> MCMORAN OIL & GAS CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 18-NOV-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9310 / 9156	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 23-NOV-1981	First Sample Examined: 1130
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 11461
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11461
API Well Number: 177054047800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 1130 - 11426	Water Depth: 85
Public Info Code: Y 09-DEC-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 / 1130	DEF AT first sample examined	DEF AT 1
2870 / 2870	DEF AT -----	DEF AT 2
8203 / 8203	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 3
8388 / 8388	DEF AT -----	DEF AT 2
9325 / 9325	DEF AT -----	DEF AT 3
9357 / 9357	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10904 /10904	DEF AT -----	DEF AT 4
10936 /10936	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11426 /11426	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 24-MAY-1984	First Sample Examined: 0
Lease Number: G03394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11461
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11461
API Well Number: 177054047800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 09-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8203 / 8203	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
9357 / 9357	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10936 / 10936	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 08-JAN-1982	First Sample Examined: 1000
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 11440
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11111
API Well Number: 177054050000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 1000 - 11413	Water Depth: 85
Public Info Code: Y 20-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 998	DEF AT first sample examined	DEF AT 2
1420 / 1417	DEF AT -----	DEF AT 1
2980 / 2976	DEF AT -----	DEF AT 2
8270 / 8256	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9354 / 9273	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11248 /10954	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11413 /11089	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 08-JAN-1982	First Sample Examined: 6750
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 11415
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11118
API Well Number: 177054050001	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 6750 - 11384	Water Depth: 85
Public Info Code: Y 02-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6746	DEF AT first sample examined	DEF AT 2
8260 / 8182	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9430 / 9262	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11226 / 10939	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
11384 / 11089	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 17-OCT-1983	First Sample Examined: 0
Lease Number: G03394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11415
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11118
API Well Number: 177054050001	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 02-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8270 / 8192	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
9254 / 9100	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 24-MAR-1982	First Sample Examined: 1000
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 14510
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13558
API Well Number: 177054050700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1000 - 14471	Water Depth: 104
Public Info Code: Y 10-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
8010 / 8010	DEF AT faunal change (no faunal increase)	DEF AT 2
8220 / 8219	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 3
9180 / 9172	DEF AT faunal change (no faunal increase)	DEF AT 4
9270 / 9260	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9360 / 9348	DEF AT faunal change (no faunal increase)	DEF AT 3
11006 /10770	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12434 /11948	DEF AT faunal change (no faunal increase)	DEF AT 5
12590 /12071	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 5
13400 /12696	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13550 /12814	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
13700 /12934	DEF AT poor sample interval top	POS AT 5
14470 /13536	DEF AT poor sample interval bottom	DEF AT 5
14471 /13537	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 28-APR-1982	First Sample Examined: 2260
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 11280
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10934
API Well Number: 177054051600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2260 - 11280	Water Depth: 85
Public Info Code: Y 30-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2260 / 2258	DEF AT first sample examined	DEF AT 1
6594 / 6432	DEF AT sample gap top	DEF AT 0
7806 / 7573	DEF AT sample gap bottom	DEF AT 0
7869 / 7633	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 3
9345 / 9042	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9564 / 9254	DEF AT faunal change (no faunal increase)	DEF AT 3
11280 / 10934	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 23-MAY-1983	First Sample Examined: 9346
Lease Number: G03394	Source of Paleo: OPERATOR	Borehole MD: 11350
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10921
API Well Number: 177054058600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 9346 - 11326	Water Depth: 85
Public Info Code: Y 10-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9346 / 9025	DEF IN Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 2
10096 / 9742	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11326 / 10899	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 18-APR-1984	First Sample Examined: 0
Lease Number: G03394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11278
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10987
API Well Number: 177054058601	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 03-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9988 / 9794	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11110 / 10825	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 18-APR-1984	First Sample Examined: 0
Lease Number: G03394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11430
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 10907
API Well Number: 177054057800	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 22-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10436 /10137	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 146	<b>Date of Summary:</b> 18-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03394	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11550
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11024
<b>API Well Number:</b> 177054059500	<b>Drilling Operator:</b> MCMORAN OIL & GAS CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 20-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10358 / 9897	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 146	Date of Summary: 23-APR-1984	First Sample Examined: 0
Lease Number: G03394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 10999
API Well Number: 177054059600	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 25-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10141 /10087	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10967 /10873	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 146	<b>Date of Summary:</b> 13-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03394	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11620
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11114
<b>API Well Number:</b> 177054059700	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 08-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11462 /10970	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 147	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G02071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12446
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11446
API Well Number: 177054040400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 23-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7490 / 7489	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 147	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G02071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9862
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9706
API Well Number: 177054040401	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 03-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7461	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 153	<b>Date of Summary:</b> 27-DEC-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09495	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14300
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14295
<b>API Well Number:</b> 177054081000	<b>Drilling Operator:</b> CORPUS CHRISTI OIL AND GAS CO	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 25-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6900	POS AT Pliocene	DEF AT 0
11950 / 11948	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 153	Date of Summary: 31-JAN-1989	First Sample Examined: 0
Lease Number: G09495	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14295
API Well Number: 177054081000	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 25-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6900	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9000 / 8999	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12100 /12098	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
13958 /13954	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 156	Date of Summary: 04-SEP-1981	First Sample Examined: 0
Lease Number: G02872	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15627
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14070
API Well Number: 177054042800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 14-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4498	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7200 / 7197	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10700 /10561	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13970 /12896	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0
15010 /13626	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 156	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: G02872	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15209
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 14030
API Well Number: 177054043100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 31-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4636 / 4399	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7810 / 7261	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11880 / 10926	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 156	<b>Date of Summary:</b> 28-NOV-1980	<b>First Sample Examined:</b> 1060
<b>Lease Number:</b> G21597	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 14740
<b>Well Name:</b> A001	<b>Paleo Done By:</b> GAY LARRE'	<b>Borehole TVD:</b> 14036
<b>API Well Number:</b> 177054028800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1060 - 14740	<b>Water Depth:</b> 86
<b>Public Info Code:</b> Y 18-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Formerly well A001 under lease G3395

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1060	DEF AT first sample examined	DEF AT 2
3580 / 3580	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4690 / 4690	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5830 / 5830	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6399 / 6399	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6400 / 6400	DEF AT foram flood	DEF AT 2
7030 / 7030	DEF AT pyrite	DEF AT 2
7450 / 7450	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
8920 / 8879	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9579 / 9505	DEF AT Eggerella sp. (local marker)	DEF AT 4
9580 / 9506	DEF AT Bathysiphon fauna	DEF AT 4
9730 / 9647	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10000 / 9896	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
10420 /10272	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11419 /11140	DEF AT foram flood	DEF IN 4
11420 /11141	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 4
11960 /11606	DEF AT foram flood	DEF IN 4
12560 /12121	DEF AT local white Arenaceous fauna	DEF IN 4
12710 /12251	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF IN 4
12740 /12277	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF IN 4
13849 /13256	DEF AT foram flood	DEF IN 4
13850 /13257	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 156	<b>Date of Summary:</b> 28-NOV-1980	<b>First Sample Examined:</b> 1060
<b>Lease Number:</b> G21597	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 14740
<b>Well Name:</b> A001	<b>Paleo Done By:</b> GAY LARRE'	<b>Borehole TVD:</b> 14036
<b>API Well Number:</b> 177054028800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1060 - 14740	<b>Water Depth:</b> 86
<b>Public Info Code:</b> Y 18-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13388	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
14119 /13493	DEF AT foram flood	DEF IN 4
14120 /13493	DEF AT Eggerella sp. (local marker)	DEF IN 4
14740 /14035	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 156	<b>Date of Summary:</b> 28-OCT-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G21597	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14740
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14036
<b>API Well Number:</b> 177054028800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 86
<b>Public Info Code:</b> Y 18-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4600	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7450 / 7450	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10000 / 9896	DEF AT Arenaceous fauna (local marker)	DEF AT 0
10870 /10664	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0
11420 /11141	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
12710 /12251	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
13940 /13336	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 156	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 3230
<b>Lease Number:</b> G21597	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13900
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13898
<b>API Well Number:</b> 177054042200	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3230 - 13900	<b>Water Depth:</b> 82
<b>Public Info Code:</b> Y 18-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 /	DEF AT first sample examined	DEF AT 2
8180 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9560 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10670 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13900 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 156	Date of Summary: 12-SEP-1981	First Sample Examined: 0
Lease Number: G21597	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13900
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13898
API Well Number: 177054042200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 18-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5850 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10700 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 157	Date of Summary: 11-JAN-1984	First Sample Examined: 2695
Lease Number: G05418	Source of Paleo: OPERATOR	Borehole MD: 12915
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12101
API Well Number: 177054061100	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 2695 - 12900	Water Depth: 88
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2695 / 2694	DEF AT first sample examined	DEF AT 2
8885 / 8851	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9035 / 8992	DEF AT -----	DEF AT 2
9590 / 9501	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12365 / 11726	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12490 / 11806	DEF AT -----	DEF AT 3
12900 / 12090	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 157	Date of Summary: 26-JAN-1984	First Sample Examined: 0
Lease Number: G05418	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12915
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12101
API Well Number: 177054061100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 31-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8885 / 8851	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12365 / 11726	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 158	<b>Date of Summary:</b> 09-APR-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09496	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15767
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15750
<b>API Well Number:</b> 177054087900	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 91
<b>Public Info Code:</b> Y 30-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 6143	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9050 / 9042	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10590 /10582	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11760 /11751	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
13280 /13270	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
14700 /14688	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0
15070 /15057	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
15280 /15266	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 158	Date of Summary: 10-APR-1991	First Sample Examined: 4560
Lease Number: G09496	Source of Paleo: OPERATOR	Borehole MD: 15767
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15750
API Well Number: 177054087900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 3	Sample Range: 4560 - 14350	Water Depth: 91
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4560	DEF AT first sample examined	DEF AT 1
6120 / 6113	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9060 / 9052	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9990 / 9982	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10560 / 10552	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11070 / 11061	DEF AT -----	DEF AT 1
11490 / 11481	DEF AT -----	DEF AT 2
11730 / 11721	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
12750 / 12741	DEF AT -----	DEF AT 1
13230 / 13220	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
13620 / 13610	DEF AT -----	DEF AT 1
14350 / 14338	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 158	Date of Summary: 10-APR-1991	First Sample Examined: 4600
Lease Number: G09496	Source of Paleo: OPERATOR	Borehole MD: 15767
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15750
API Well Number: 177054087900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 4600 - 15740	Water Depth: 91
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4600	DEF AT cement	DEF AT 0
4780 / 4780	DEF AT -----	DEF AT 1
6160 / 6153	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9050 / 9042	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10550 / 10542	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11000 / 10992	DEF AT -----	DEF AT 1
11600 / 11591	DEF AT -----	DEF AT 2
11720 / 11711	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
12500 / 12491	DEF AT -----	DEF AT 1
13280 / 13270	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
13760 / 13749	DEF AT -----	DEF AT 1
14700 / 14688	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 2
14830 / 14818	DEF AT -----	DEF AT 3
15070 / 15057	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
15280 / 15266	DEF AT gouge	DEF AT 5
15281 / 15267	POS AT Middle Miocene	DEF AT 5
15740 / 15723	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 164	Date of Summary: 02-SEP-1980	First Sample Examined: 8013
Lease Number: 00493	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177050024900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 56
Paleo Report Num: 1 of 2	Sample Range: 8013 - 14000	Water Depth: 90
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8013 /	DEF AT first sample examined	POS AT 2
8261 /	DEF AT - - - - -	DEF AT 2
8913 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10783 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12767 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
14000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 164	<b>Date of Summary:</b> 31-AUG-1984	<b>First Sample Examined:</b> 8013
<b>Lease Number:</b> 00493	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14000
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14000
<b>API Well Number:</b> 177050024900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 56
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 8013 - 14000	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 17-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8013 /	DEF AT first sample examined	DEF AT 0
14000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 164	Date of Summary: 16-JUN-1969	First Sample Examined: 5790
Lease Number: 00493	Source of Paleo: OPERATOR	Borehole MD: 7520
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 7236
API Well Number: 177052000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5790 - 7525	Water Depth: 90
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 / 5700	DEF AT first sample examined	DEF AT 0
7140 / 6902	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7525 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 164	Date of Summary: 15-JAN-1970	First Sample Examined: 6830
Lease Number: 00493	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177052003200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 6830 - 7183	Water Depth: 90
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6830 / 6447	DEF AT first sample examined	DEF AT 0
6831 / 6448	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7140 / 6729	DEF IN gouge	DEF AT 6
7183 / 6768	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 164	Date of Summary: 31-AUG-1970	First Sample Examined: 6845
Lease Number: 00493	Source of Paleo: OPERATOR	Borehole MD: 7650
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 7178
API Well Number: 177052004901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6845 - 7278	Water Depth: 90
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6845 / 6496	DEF AT first sample examined	DEF AT 0
7278 / 6899	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 164	Date of Summary: 01-AUG-1970	First Sample Examined: 6980
Lease Number: 00493	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 7474
API Well Number: 177052004900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 6980 - 7983	Water Depth: 90
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6169	DEF AT first sample examined	DEF AT 0
7983 / 7029	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 164	Date of Summary: 01-AUG-1970	First Sample Examined: 8150
Lease Number: 00493	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 7474
API Well Number: 177052004900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8150 - 8500	Water Depth: 90
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 / 7173	DEF AT first sample examined	DEF AT 0
8500 / 7474	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 167	Date of Summary: 09-FEB-1989	First Sample Examined: 3900
Lease Number: G07685	Source of Paleo: OPERATOR	Borehole MD: 11806
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11361
API Well Number: 177054084300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3900 - 11760	Water Depth: 96
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT first sample examined	DEF AT 1
8070 / 8053	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9150 / 9041	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
9930 / 9719	DEF AT -----	DEF AT 2
9990 / 9771	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
11135 /10774	DEF AT -----	DEF AT 1
11490 /11085	DEF AT -----	DEF AT 2
11760 /11321	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 167	<b>Date of Summary:</b> 20-FEB-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07685	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11806
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11361
<b>API Well Number:</b> 177054084300	<b>Drilling Operator:</b> FMP OPERATING COMPANY A LIMIT	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 96
<b>Public Info Code:</b> Y 01-JUL-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8070 / 8053	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9150 / 9041	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9990 / 9771	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
10260 / 10007	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
11070 / 10717	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 172	<b>Date of Summary:</b> 06-DEC-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06670	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7002
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7002
<b>API Well Number:</b> 177054067000	<b>Drilling Operator:</b> SOUTHLAND ROYALTY COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 94
<b>Public Info Code:</b> Y 06-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6070 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 172	<b>Date of Summary:</b> 26-JAN-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06670	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10736
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9077
<b>API Well Number:</b> 177054074200	<b>Drilling Operator:</b> SOUTHLAND ROYALTY COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 94
<b>Public Info Code:</b> Y 06-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9444 / 7796	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 176	Date of Summary:	First Sample Examined: 0
Lease Number: G07685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11839
API Well Number: 177054076900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13500 /11850	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 178	Date of Summary: 18-SEP-1984	First Sample Examined: 0
Lease Number: 00433	Source of Paleo: OPERATOR	Borehole MD: 12030
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12030
API Well Number: 177050023700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11390 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 178	Date of Summary: 15-JAN-1970	First Sample Examined: 6090
Lease Number: 00433	Source of Paleo: OPERATOR	Borehole MD: 10298
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9634
API Well Number: 177052004000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 6090 - 8124	Water Depth: 100
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 / 5660	DEF AT first sample examined	DEF AT 0
6091 / 5661	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8124 / 7545	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 178	Date of Summary: 13-FEB-1970	First Sample Examined: 7480
Lease Number: 00433	Source of Paleo: OPERATOR	Borehole MD: 10298
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9634
API Well Number: 177052004000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 7480 - 10290	Water Depth: 100
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 6936	DEF AT first sample examined	DEF AT 0
9390 / 8764	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10290 / 9633	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 178	Date of Summary: 04-JUN-1979	First Sample Examined: 7020
Lease Number: 00433	Source of Paleo: OPERATOR	Borehole MD: 9065
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 8693
API Well Number: 177054035000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 / 6788	DEF AT first sample examined	DEF AT 0
9080 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 179	Date of Summary: 15-JAN-1970	First Sample Examined: 5500
Lease Number: 00433	Source of Paleo: OPERATOR	Borehole MD: 8600
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7824
API Well Number: 177052003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5500 - 8600	Water Depth: 80
Public Info Code: Y 17-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 4865	DEF AT first sample examined	DEF AT 0
5501 / 4865	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8600 / 7820	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 191	Date of Summary: 07-JAN-1983	First Sample Examined: 0
Lease Number: G01134	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13800
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13800
API Well Number: 177054034200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 18-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9014 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
10200 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 198	Date of Summary: 17-JAN-1985	First Sample Examined: 0
Lease Number: G05421	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177054066900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13100 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 201	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G02075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11904
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10678
API Well Number: 177054048000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 03-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 6250	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7418 / 7376	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
8723 / 8475	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 202	Date of Summary: 05-MAR-1990	First Sample Examined: 2500
Lease Number: G09501	Source of Paleo: OPERATOR	Borehole MD: 10020
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8610
API Well Number: 177054084900	Drilling Operator: FIRST ENERGY CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2500 - 10020	Water Depth: 105
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF IN 2
2950 / 2950	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5470 / 5352	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6900 / 6419	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7710 / 6979	POS AT faunal change (no faunal increase)	POS AT 3
8850 / 7775	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	POS AT 3
10020 / 8610	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 202	Date of Summary: 16-NOV-1990	First Sample Examined: 0
Lease Number: G09501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10390
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9282
API Well Number: 177054086600	Drilling Operator: FREEPORT MCMORAN OIL & GAS	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7173	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 203	Date of Summary: 26-AUG-1988	First Sample Examined: 0
Lease Number: G06674	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4100
API Well Number: 177054080300	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 207	Date of Summary: 15-MAR-1991	First Sample Examined: 13050
Lease Number: G08424	Source of Paleo: OPERATOR	Borehole MD: 17425
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17425
API Well Number: 177054085900	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 13050 - 17220	Water Depth: 114
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack; ecozones per phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13050 /13048	DEF AT first sample examined	DEF AT 1
13051 /13049	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 1
13680 /13677	DEF AT sample gap top	POS AT 1
13761 /13758	DEF AT sample gap bottom	DEF AT 2
13762 /13759	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
14070 /14067	DEF AT faunal change (no faunal increase)	DEF AT 1
14490 /14487	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 2
15120 /15116	DEF AT faunal change (no faunal increase)	DEF AT 3
15570 /15566	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
15750 /15746	DEF AT faunal change (no faunal increase)	DEF AT 4
15870 /15866	DEF AT faunal change (no faunal increase)	DEF AT 3
16410 /16406	DEF AT faunal change (no faunal increase)	DEF AT 4
16770 /16765	DEF AT faunal change (no faunal increase)	DEF AT 2
16800 /16795	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
16890 /16885	DEF AT faunal change (no faunal increase)	DEF AT 4
17130 /17125	DEF AT faunal change (no faunal increase)	DEF AT 3
17220 /17215	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 207	Date of Summary: 15-AUG-1991	First Sample Examined: 1000
Lease Number: G08424	Source of Paleo: OPERATOR	Borehole MD: 17425
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17425
API Well Number: 177054085900	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 1000 - 14500	Water Depth: 114
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Ecozones obtained via phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
6220 / 6220	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7900 / 7900	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9550 / 9549	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10720 /10719	DEF AT faunal change (no faunal increase)	DEF AT 2
10750 /10749	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11050 /11049	DEF AT faunal change (no faunal increase)	DEF AT 1
11830 /11829	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
12730 /12728	DEF AT Cyclamina cancellata (local marker)	DEF AT 2
13000 /12998	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
14410 /14407	DEF AT faunal change (no faunal increase)	DEF AT 2
14499 /14496	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 2
14500 /14497	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 215	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01140	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14796
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12080
<b>API Well Number:</b> 177054028500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 40
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 17-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7478	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0
10030 / 9522	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10395 / 9723	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 216	Date of Summary: 29-MAY-1987	First Sample Examined: 0
Lease Number: G05423	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9607
API Well Number: 177054073600	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 06-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8508 / 8020	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 219	Date of Summary: 25-JAN-1984	First Sample Examined: 4750
Lease Number: G05424	Source of Paleo: OPERATOR	Borehole MD: 12720
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11159
API Well Number: 177054062700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4750 - 12700	Water Depth: 107
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4622	DEF AT first sample examined	DEF AT 1
8530 / 7727	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9970 / 8930	DEF AT -----	DEF AT 2
10360 / 9251	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
11020 / 9780	DEF AT -----	DEF AT 1
11925 / 10503	DEF AT -----	DEF AT 3
12010 / 10572	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12700 / 11143	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 219	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G05424	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12720
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11159
API Well Number: 177054062700	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8530 / 7727	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10360 / 9251	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12010 / 10572	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 221	Date of Summary: 20-SEP-1982	First Sample Examined: 4015
Lease Number: G04424	Source of Paleo: OPERATOR	Borehole MD: 11415
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11151
API Well Number: 177054053900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 4015 - 11415	Water Depth: 111
Public Info Code: Y 17-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4015 / 4015	DEF AT first sample examined	DEF AT 0
11415 / 11152	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 221	Date of Summary: 24-SEP-1982	First Sample Examined: 10170
Lease Number: G04424	Source of Paleo: OPERATOR	Borehole MD: 11415
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11151
API Well Number: 177054053900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 10170 - 11350	Water Depth: 111
Public Info Code: Y 17-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10170 / 9977	DEF AT first sample examined	DEF AT 0
11350 / 11090	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 223	Date of Summary: 01-FEB-1984	First Sample Examined: 6000
Lease Number: G05426	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14748
API Well Number: 177054062900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 6000 - 14800	Water Depth: 117
Public Info Code: Y 08-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 1
6250 / 6250	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6310 / 6310	DEF AT shell fragments	DEF AT 1
7030 / 7030	DEF AT faunal change (no faunal increase)	DEF AT 2
7090 / 7090	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7180 / 7180	DEF AT faunal change (no faunal increase)	DEF AT 1
7960 / 7960	DEF AT local marker foram increase	DEF AT 2
8230 / 8230	DEF AT faunal change (no faunal increase)	DEF AT 1
8800 / 8799	DEF AT faunal change (no faunal increase)	DEF AT 2
9010 / 9009	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9520 / 9518	DEF AT faunal change (no faunal increase)	DEF AT 2
9730 / 9725	DEF AT faunal change (no faunal increase)	DEF AT 1
10300 /10287	DEF AT faunal change (no faunal increase)	DEF AT 2
10630 /10616	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10990 /10974	DEF AT local marker foram increase	DEF AT 3
11590 /11573	DEF AT faunal change (no faunal increase)	DEF AT 4
11680 /11662	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11710 /11692	DEF AT local marker foram increase	DEF AT 3
12460 /12440	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
12730 /12709	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13750 /13725	DEF AT faunal change (no faunal increase)	DEF AT 4
14020 /13993	DEF AT faunal change (no faunal increase)	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 223	<b>Date of Summary:</b> 01-FEB-1984	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G05426	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14748
<b>API Well Number:</b> 177054062900	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6000 - 14800	<b>Water Depth:</b> 117
<b>Public Info Code:</b> Y 08-AUG-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14800 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 223	Date of Summary: 08-MAR-1984	First Sample Examined: 0
Lease Number: G05426	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14748
API Well Number: 177054062900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 08-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 / 7090	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9010 / 9009	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10630 /10616	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12730 /12709	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 225	Date of Summary: 02-JUN-1981	First Sample Examined: 3000
Lease Number: G01143	Source of Paleo: OPERATOR	Borehole MD: 10984
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10984
API Well Number: 177054044400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 3000 - 10931	Water Depth: 118
Public Info Code: Y 29-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT 2
4969 /	DEF AT -----	DEF AT 3
5190 /	DEF AT -----	DEF AT 2
7770 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 4
9290 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	POS AT 5
9291 /	POS AT reworked material	POS AT 5
9556 /	DEF AT -----	POS AT 4
10931 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 226	Date of Summary: 15-JAN-1980	First Sample Examined: 5000
Lease Number: G01143	Source of Paleo: OPERATOR	Borehole MD: 12475
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12001
API Well Number: 177054025800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 5000 - 12450	Water Depth: 115
Public Info Code: Y 25-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4914	DEF AT first sample examined	DEF AT 2
5420 / 5312	DEF AT sample gap top	DEF AT 0
5533 / 5419	DEF AT sample gap bottom	DEF AT 0
5534 / 5419	DEF AT -----	DEF AT 2
6254 / 6104	DEF AT sample gap top	DEF AT 0
7291 / 7097	DEF AT sample gap bottom	DEF AT 0
7292 / 7098	DEF AT -----	DEF AT 2
8264 / 8029	DEF AT -----	DEF AT 3
8564 / 8316	DEF AT -----	DEF AT 2
9304 / 9022	DEF AT Arenaceous fauna (local marker)	DEF AT 2
9314 / 9032	DEF AT -----	DEF AT 3
9644 / 9346	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10004 / 9687	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10124 / 9801	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10604 / 10255	DEF AT -----	DEF AT 3
11144 / 10768	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11364 / 10977	DEF AT sample gap top	DEF AT 0
11393 / 11004	DEF AT sample gap bottom	DEF AT 0
11394 / 11005	DEF AT cement	DEF AT 3
11814 / 11399	DEF AT -----	DEF AT 4
12030 / 11601	DEF AT -----	DEF AT 5
12180 / 11741	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 226	<b>Date of Summary:</b> 15-JAN-1980	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G01143	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12475
<b>Well Name:</b> A004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 12001
<b>API Well Number:</b> 177054025800	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5000 - 12450	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 25-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12450 /11989	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 226	Date of Summary: 09-FEB-1999	First Sample Examined: 0
Lease Number: G01143	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12475
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12001
API Well Number: 177054025800	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 25-JAN-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11144 /10768	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 226	<b>Date of Summary:</b> 16-JUN-1980	<b>First Sample Examined:</b> 6006
<b>Lease Number:</b> G01143	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11630
<b>Well Name:</b> A005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10783
<b>API Well Number:</b> 177054039900	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6006 - 11595	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 25-JUN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6006 / 5662	DEF AT first sample examined	DEF AT 2
6400 / 6022	DEF AT -----	DEF AT 3
6431 / 6051	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7205 / 6756	DEF AT -----	DEF AT 2
8500 / 7936	DEF AT -----	DEF AT 3
9850 / 9166	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9940 / 9248	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10520 / 9774	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10713 / 9949	DEF AT -----	DEF AT 3
11595 / 10751	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 226	Date of Summary: 21-MAY-1996	First Sample Examined: 0
Lease Number: G01143	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11630
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10783
API Well Number: 177054039900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 25-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9940 / 9248	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11595 / 10751	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 226	Date of Summary: 26-AUG-1981	First Sample Examined: 3130
Lease Number: G01144	Source of Paleo: OPERATOR	Borehole MD: 15618
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14480
API Well Number: 177054046401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 3130 - 15590	Water Depth: 118
Public Info Code: Y 20-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3036	DEF AT cement	DEF AT 0
4030 / 3908	DEF AT -----	DEF AT 1
8020 / 7772	DEF AT -----	DEF AT 2
8230 / 7976	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8350 / 8092	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8860 / 8585	DEF AT -----	DEF AT 2
9550 / 9252	DEF AT Eggerella sp. (local marker)	DEF AT 2
9850 / 9542	DEF AT sample gap top	DEF AT 0
9879 / 9569	DEF AT sample gap bottom	DEF AT 0
9880 / 9570	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
9910 / 9599	DEF AT sample gap top	DEF AT 0
9969 / 9656	DEF AT sample gap bottom	DEF AT 0
9970 / 9657	DEF AT -----	DEF AT 3
11420 /10929	DEF AT sample gap top	DEF AT 0
11439 /10945	DEF AT sample gap bottom	DEF AT 0
11440 /10946	DEF AT -----	DEF AT 3
11500 /10997	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11710 /11175	DEF AT -----	DEF AT 3
12370 /11729	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13600 /12758	DEF AT -----	DEF AT 3
14350 /13421	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15590 /14451	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 226	Date of Summary: 18-APR-1983	First Sample Examined: 10280
Lease Number: G05195	Source of Paleo: OPERATOR	Borehole MD: 13786
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13786
API Well Number: 177054057400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 10280 - 14003	Water Depth: 126
Public Info Code: Y 24-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11820 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
14003 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 226	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G05195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13786
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13786
API Well Number: 177054057400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 24-APR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11820 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 232	<b>Date of Summary:</b> 10-OCT-1988	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G05429	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13000
<b>API Well Number:</b> 177054062600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7000 - 13000	<b>Water Depth:</b> 135
<b>Public Info Code:</b> Y 05-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8110 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9130 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10210 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
11050 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
12940 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 241	Date of Summary:	First Sample Examined: 1200
Lease Number: G03132	Source of Paleo: OPERATOR	Borehole MD: 11502
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11502
API Well Number: 177054013900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1200 - 11490	Water Depth: 123
Public Info Code: Y 23-OCT-1988	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF IN 1
1740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
6330 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6540 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
7800 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7830 /	DEF AT local marker foram increase	DEF AT 2
8820 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8910 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9360 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10470 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11490 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 241	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03132	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9758
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9659
<b>API Well Number:</b> 177054030700	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 123
<b>Public Info Code:</b> Y 23-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 6337	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7880 / 7839	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9180 / 9096	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
9540 / 9446	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 241	Date of Summary:	First Sample Examined: 0
Lease Number: G03132	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9574
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9546
API Well Number: 177054032900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 23-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 6349	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7860 / 7859	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9100 / 9085	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
9430 / 9405	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 241	Date of Summary:	First Sample Examined: 0
Lease Number: G03132	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9648
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9551
API Well Number: 177054032000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 23-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6075 / 6073	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7950 / 7916	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9100 / 9026	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
9450 / 9362	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 241	<b>Date of Summary:</b> 09-MAY-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05386	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13180
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12502
<b>API Well Number:</b> 177054064500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 123
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 123
<b>Public Info Code:</b> Y 04-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5950 / 5950	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7060 / 7060	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7840 / 7839	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
9130 / 9063	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10810 / 10533	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
11860 / 11399	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 241	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G05387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14918
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11271
API Well Number: 177054064400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 27-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7410 / 6010	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9420 / 7504	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10230 / 8098	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
11270 / 8817	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
13810 / 10494	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 245	Date of Summary: 29-JUN-1994	First Sample Examined: 0
Lease Number: G01146	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12508
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 11835
API Well Number: 177054031600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 22-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9920 / 9702	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10080 / 9835	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10700 / 10342	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 245	<b>Date of Summary:</b> 16-JUL-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01146	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12109
<b>Well Name:</b> E005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10996
<b>API Well Number:</b> 177054033100	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 133
<b>Public Info Code:</b> Y 14-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6591 / 6243	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7344 / 6908	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9150 / 8476	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10810 / 9916	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11300 / 10333	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 245	Date of Summary: 21-SEP-1994	First Sample Examined: 0
Lease Number: G01146	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10548
Well Name: E007	Paleo Done By: OPERATOR	Borehole TVD: 10293
API Well Number: 177054034900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 139
Public Info Code: Y 10-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7220 / 7100	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 246	Date of Summary:	First Sample Examined: 3360
Lease Number: G01147	Source of Paleo: OPERATOR	Borehole MD: 11670
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 11670
API Well Number: 177054034600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3360 - 11670	Water Depth: 155
Public Info Code: Y 27-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 /	DEF AT first sample examined	DEF AT 0
6150 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7380 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8910 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10110 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11670 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 246	<b>Date of Summary:</b> 08-MAY-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01147	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11670
<b>Well Name:</b> 009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11670
<b>API Well Number:</b> 177054034600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 27-FEB-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7371 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9861 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10690 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 248	<b>Date of Summary:</b> 07-DEC-1982	<b>First Sample Examined:</b> 4360
<b>Lease Number:</b> G03134	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13899
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10042
<b>API Well Number:</b> 177054035300	<b>Drilling Operator:</b> HAMILTON BROTHERS OIL COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4360 - 13912	<b>Water Depth:</b> 141
<b>Public Info Code:</b> Y 19-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4360 / 4120	DEF AT first sample examined	DEF IN 1
4780 / 4374	DEF AT -----	DEF AT 2
5530 / 4833	DEF AT -----	DEF AT 3
5950 / 5098	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7360 / 5967	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
13750 / 9949	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
13912 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 250	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14510
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 13316
API Well Number: 177054038100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 11-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11560 /10708	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
12130 /11208	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
13945 /12807	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 250	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13405
Well Name: C007	Paleo Done By: OPERATOR	Borehole TVD: 13163
API Well Number: 177054043000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 02-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10925 /10799	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11453 /11300	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
13116 /12883	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 250	<b>Date of Summary:</b> 11-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01149	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14278
<b>Well Name:</b> C008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13380
<b>API Well Number:</b> 177054044300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 145
<b>Public Info Code:</b> Y 05-APR-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11430 /10801	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11980 /11300	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
13740 /12900	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 250	Date of Summary: 12-SEP-1980	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11201
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 9571
API Well Number: 177054038200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 16-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9125 / 7917	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9869 / 8524	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 250	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14347
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 13625
API Well Number: 177054046300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 31-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9269	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9975 / 9517	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12060 / 11449	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 251	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14042
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 13300
API Well Number: 177054040100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 12-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11236 /10801	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11800 /11299	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
13600 /12902	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 258	Date of Summary: 28-JUN-1988	First Sample Examined: 0
Lease Number: G01155	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10838
API Well Number: 177064061700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 29-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5250 / 5250	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7800 / 7799	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 260	Date of Summary: 05-FEB-1985	First Sample Examined: 3525
Lease Number: G03552	Source of Paleo: OPERATOR	Borehole MD: 9818
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9818
API Well Number: 177064055900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3525 - 9800	Water Depth: 145
Public Info Code: Y 26-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3525 /	DEF AT first sample examined	DEF IN 2
5960 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7670 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8570 /	DEF AT local marker (general)	DEF AT 4
9800 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 260	Date of Summary: 01-MAR-1978	First Sample Examined: 7440
Lease Number: G03552	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11000
API Well Number: 177064028400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7440 - 11010	Water Depth: 150
Public Info Code: Y 26-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7440 /	DEF AT first sample examined	POS AT 4
7441 /	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8010 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9510 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9990 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10350 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10470 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10800 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11010 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 261	Date of Summary: 07-NOV-1980	First Sample Examined: 0
Lease Number: G03328	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12455
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9431
API Well Number: 177064033700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 07-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo is highly questionable

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9409 / 7328	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 267	Date of Summary:	First Sample Examined: 0
Lease Number: G02082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12143
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 10502
API Well Number: 177064031000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 18-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
200 / 200	DEF AT Holocene recent fauna	DEF AT 0
2000 / 2000	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 267	Date of Summary:	First Sample Examined: 0
Lease Number: G02082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10350
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 9572
API Well Number: 177064031300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 14-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT Holocene recent fauna	DEF AT 0
2000 / 1969	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 270	Date of Summary: 30-JUL-1984	First Sample Examined: 0
Lease Number: G05432	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4482
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4482
API Well Number: 177064055300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 30-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1715 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3572 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 270 <b>Lease Number:</b> G05432 <b>Well Name:</b> 002 <b>API Well Number:</b> 177064061900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-DEC-1988	<b>Date of Summary:</b> 26-JUL-1988 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> SAMEDAN OIL CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 5120 <b>Borehole TVD:</b> 5120 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 162 <b>Paleo ID:</b> 001
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Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4888 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 270	Date of Summary: 07-NOV-1988	First Sample Examined: 0
Lease Number: G05432	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4450
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 4450
API Well Number: 177064062000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 30-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3450 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4350 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 271	Date of Summary: 29-SEP-1983	First Sample Examined: 0
Lease Number: G04800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6810
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6494
API Well Number: 177064051500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 18-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5078 / 4889	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 277	Date of Summary: 04-NOV-1983	First Sample Examined: 0
Lease Number: G03398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11400
Well Name: CA001	Paleo Done By: OPERATOR	Borehole TVD: 9375
API Well Number: 177064028700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 01-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8584 /	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 277	Date of Summary: 19-APR-1982	First Sample Examined: 0
Lease Number: G03398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: CA002	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177064032300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 14-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8864 / 8562	POS AT Upper Pliocene	DEF AT 0
8865 / 8563	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8866 / 8564	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 281	Date of Summary: 10-AUG-1984	First Sample Examined: 0
Lease Number: G05434	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8720
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8719
API Well Number: 177064054500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 172
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6078 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7570 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 287	Date of Summary: 24-OCT-1983	First Sample Examined: 0
Lease Number: G03137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12295
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11877
API Well Number: 177064026700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 18-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9343 / 8932	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 287	Date of Summary: 24-JAN-1986	First Sample Examined: 0
Lease Number: G03137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12775
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11273
API Well Number: 177064030700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 08-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10424 / 8909	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 287	Date of Summary: 09-JAN-1984	First Sample Examined: 0
Lease Number: G03137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11670
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10724
API Well Number: 177064030500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 17-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9806 / 8870	POS AT Upper Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 289	Date of Summary: 20-JUN-1986	First Sample Examined: 0
Lease Number: G04213	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8060
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5642
API Well Number: 177064048200	Drilling Operator: KOCH EXPLORATION COMPANY	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 21-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8093 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 299	Date of Summary: 18-OCT-1987	First Sample Examined: 0
Lease Number: G08674	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177064060100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 31-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7360 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 313	Date of Summary: 21-MAR-1991	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8190
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8188
API Well Number: 177064030100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 202
Public Info Code: Y 24-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5690 / 5690	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7010 / 7009	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8150 / 8148	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> VR 313 <b>Lease Number:</b> G01172 <b>Well Name:</b> B004 <b>API Well Number:</b> 177064031400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 14-MAY-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> DOMINION EXPLORATION &amp; PRODUCTION INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8135 <b>Borehole TVD:</b> 7023 <b>Rkb Elevation:</b> 94 <b>Water Depth:</b> 212 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 6813	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 313	Date of Summary: 20-FEB-1991	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9617
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 8334
API Well Number: 177064031900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 01-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5815	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7870 / 7180	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9270 / 8103	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 313	Date of Summary:	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9974
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 8404
API Well Number: 177064033800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 15-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 5302	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7520 / 6409	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 313	Date of Summary: 18-NOV-1994	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7223
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 6159
API Well Number: 177064033801	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 15-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 5302	DEF IN Middle Pleistocene	DEF AT 0
7520 / 6410	DEF IN Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 315	Date of Summary: 27-FEB-1985	First Sample Examined: 0
Lease Number: G04215	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9413
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7384
API Well Number: 177064045500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 06-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 5141	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 12-JAN-1983	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11748
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11740
API Well Number: 177064049700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 14-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 / 2330	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4762 / 4762	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6680 / 6680	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8540 / 8539	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10650 / 10643	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 02-DEC-1992	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9003
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7463
API Well Number: 177064051900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 09-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
1930 / 1929	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
2890 / 2884	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
3910 / 3845	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4980 / 4696	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7590 / 6551	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 22-NOV-1983	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11218
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 727
API Well Number: 177064052201	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 113
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 08-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2410 / 1941	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6070 / 4155	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7060 / 4721	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8230 / 5376	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 31-MAY-1984	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11218
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 727
API Well Number: 177064052201	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 113
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 08-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6130 / 4190	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7240 / 4821	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
10450 / 6643	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 16-NOV-1992	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9841
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7833
API Well Number: 177064052400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 04-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 / 1999	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4210 / 3692	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5960 / 5026	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9350 / 7469	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 28-JUL-1999	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11191
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8520
API Well Number: 177064052600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 06-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1976	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5590 / 4467	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7000 / 5503	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9430 / 7222	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 29-SEP-1983	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4961
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 3204
API Well Number: 177064053700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 23-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2856 / 1978	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 31-MAY-1984	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7414
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6579
API Well Number: 177064053900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 29-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2140 / 2095	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4210 / 3840	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5230 / 4703	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6730 / 5992	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 318	<b>Date of Summary:</b> 25-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04427	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6295
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5240
<b>API Well Number:</b> 177064053901	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 209
<b>Public Info Code:</b> Y 19-NOV-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5740 / 4879	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 318	Date of Summary: 07-DEC-1983	First Sample Examined: 0
Lease Number: G04427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7200
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6520
API Well Number: 177064054000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 09-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 / 2020	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3720 / 3682	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4640 / 4443	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5780 / 5373	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 326	Date of Summary: 26-APR-1982	First Sample Examined: 0
Lease Number: G04428	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10057
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9215
API Well Number: 177064049900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 208
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 4640	POS AT Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 326	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G04428	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8598
API Well Number: 177064051400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 08-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 328	Date of Summary: 24-JAN-1985	First Sample Examined: 1000
Lease Number: G06680	Source of Paleo: OPERATOR	Borehole MD: 9375
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9001
API Well Number: 177064056300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9360	Water Depth: 222
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
2625 / 2554	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2751 / 2671	DEF AT faunal change (no faunal increase)	DEF AT 2
3660 / 3522	DEF AT cement	DEF AT 2
4170 / 3996	DEF AT faunal change (no faunal increase)	DEF AT 1
4830 / 4610	DEF AT faunal change (no faunal increase)	DEF AT 3
4860 / 4637	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5100 / 4857	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6210 / 5888	DEF AT sample gap top	POS AT 3
6269 / 5943	DEF AT sample gap bottom	DEF AT 3
6270 / 5944	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7290 / 6932	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8250 / 7878	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8880 / 8505	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9360 / 8984	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 328	Date of Summary: 18-JUN-1985	First Sample Examined: 0
Lease Number: G06680	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177064056400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 222
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 / 4460	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6680 / 6679	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7760 / 7759	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 329	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02876	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7965
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6104
<b>API Well Number:</b> 177064029800	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 25-MAR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2385 / 2264	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4640 / 3655	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
6800 / 5126	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 329	Date of Summary: 09-JUL-1981	First Sample Examined: 0
Lease Number: G02876	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7400
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6048
API Well Number: 177064031200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 27-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4475 / 3646	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
6345 / 5109	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 329	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02876	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6850
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6131
<b>API Well Number:</b> 177064032100	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 25-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3915 / 3636	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5674 / 5103	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 329	Date of Summary: 16-AUG-1985	First Sample Examined: 0
Lease Number: G02877	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11672
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9739
API Well Number: 177064028200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 05-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2430 / 2276	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4180 / 3652	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5954 / 5123	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7275 / 6242	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8210 / 7058	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8900 / 7658	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10640 / 9070	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 330	<b>Date of Summary:</b> 01-DEC-1987	<b>First Sample Examined:</b> 4440
<b>Lease Number:</b> G04261	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11513
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9753
<b>API Well Number:</b> 177064043100	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 660 - 9000	<b>Water Depth:</b> 222
<b>Public Info Code:</b> Y 19-NOV-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 /	DEF AT first sample examined	DEF AT 3
4620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7110 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7111 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
7710 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7950 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8580 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9000 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 330	Date of Summary: 06-MAY-1981	First Sample Examined: 0
Lease Number: G04261	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8781
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8781
API Well Number: 177064046500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 23-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1670 /	POS AT Pleistocene	DEF AT 0
7340 /	POS AT Upper Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 06-JUL-1982	First Sample Examined: 3680
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 8561
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8219
API Well Number: 177064047200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 3680 - 8564	Water Depth: 218
Public Info Code: Y 01-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3680 / 3524	DEF AT cement	DEF AT 0
3830 / 3665	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5030 / 4798	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7850 / 7514	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8390 / 8049	DEF AT -----	DEF AT 5
8564 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8561
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 8219
API Well Number: 177064047200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 01-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4324 / 4132	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5848 / 5576	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7928 / 7591	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 07-SEP-1982	First Sample Examined: 3930
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 8826
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7922
API Well Number: 177064047300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 3930 - 8820	Water Depth: 218
Public Info Code: Y 03-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3545	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4560 / 4062	DEF AT sample gap top	DEF AT 3
4680 / 4160	DEF AT sample gap bottom	DEF AT 3
5100 / 4506	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5760 / 5055	DEF AT -----	DEF AT 4
8280 / 7378	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8820 / 7917	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8826
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 7922
API Well Number: 177064047300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 03-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2702 / 2516	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5100 / 4506	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6409 / 5607	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8280 / 7378	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8469 / 7566	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 15-OCT-1982	First Sample Examined: 4160
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 5350
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4500
API Well Number: 177064051300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 4160 - 9500	Water Depth: 220
Public Info Code: Y 28-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 / 3557	DEF IN cement	DEF AT 0
4280 / 3656	DEF AT - - - - -	DEF IN 3
5660 / 4783	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9020 / 7804	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9500 / 8281	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 15-OCT-1982	First Sample Examined: 5270
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 5350
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4500
API Well Number: 177064051300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 5270 - 9253	Water Depth: 220
Public Info Code: Y 28-OCT-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5270 / 4467	DEF IN cement	DEF AT 0
5360 / 4541	DEF AT - - - - -	DEF IN 3
5660 / 4783	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8570 / 7361	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9253 / 8035	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5350
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177064051300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 28-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 / 4783	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8570 / 7361	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10062
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8700
<b>API Well Number:</b> 177064029600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 29-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4603 / 3993	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7050 / 5921	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7467 / 6267	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 06-JAN-1978	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10062
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8700
<b>API Well Number:</b> 177064029600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 5000 - 9532	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 29-JAN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4300	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5390 / 4601	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8360 / 7023	DEF AT - - - - -	DEF AT 4
8390 / 7048	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8900 / 7458	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9532 / 7925	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 09-JUL-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10062
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8700
<b>API Well Number:</b> 177064029600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 29-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 4601	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8390 / 7048	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8900 / 7458	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7484
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7199
<b>API Well Number:</b> 177064030000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 27-MAR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6530 / 6247	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7220 / 6936	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 03-MAR-1978	First Sample Examined: 3170
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 7484
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7199
API Well Number: 177064030000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 3170 - 7484	Water Depth: 215
Public Info Code: Y 27-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 / 3373	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6530 / 6247	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7220 / 6936	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7484 / 7200	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary:	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8711
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 5925
API Well Number: 177064031600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 14-MAY-1988	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7260 / 5080	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 17-APR-1978	First Sample Examined: 3800
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 8711
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5925
API Well Number: 177064031600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 3800 - 5790	Water Depth: 215
Public Info Code: Y 14-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3025	DEF AT first sample examined	DEF IN 2
4610 / 3506	DEF AT - - - - -	DEF AT 3
5790 / 4216	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 17-APR-1978	<b>First Sample Examined:</b> 5210
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8711
<b>Well Name:</b> A012	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5925
<b>API Well Number:</b> 177064031600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 5210 - 8711	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 14-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5210 / 3863	DEF AT first sample examined	DEF AT 3
7260 / 5080	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8711 / 5921	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7976
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7958
<b>API Well Number:</b> 177064032001	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 21-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 24-MAY-1978	<b>First Sample Examined:</b> 3400
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7976
<b>Well Name:</b> A014	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7958
<b>API Well Number:</b> 177064032001	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3400 - 7976	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 21-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 /	DEF AT first sample examined	DEF IN 2
3730 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3760 /	DEF AT -----	DEF AT 3
7360 /	DEF AT -----	DEF AT 4
7750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7976 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 07-MAR-1979	First Sample Examined: 7670
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 11966
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7510
API Well Number: 177064034700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7670 - 11930	Water Depth: 215
Public Info Code: Y 11-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7670 / 5021	DEF AT first sample examined	DEF IN 3
11330 / 7149	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11930 / 7491	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary:	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8259
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 7438
API Well Number: 177064036600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 14-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 5994	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7640 / 6901	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 01-JUN-1979	<b>First Sample Examined:</b> 5450
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8259
<b>Well Name:</b> A016	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7438
<b>API Well Number:</b> 177064036600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5450 - 8270	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 14-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 4973	DEF AT first sample examined	DEF IN 3
6620 / 5994	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7550 / 6821	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7640 / 6901	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8270 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary:	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7207
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 6888
API Well Number: 177064035500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 03-APR-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6850 / 6531	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 13-MAR-1979	First Sample Examined: 5290
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 7207
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6888
API Well Number: 177064035500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 5290 - 7150	Water Depth: 215
Public Info Code: Y 03-APR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 / 4973	DEF AT first sample examined	DEF IN 2
5380 / 5062	DEF AT - - - - -	DEF AT 3
6670 / 6352	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6850 / 6531	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7150 / 6831	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 12-JUN-1979	<b>First Sample Examined:</b> 2910
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5346
<b>Well Name:</b> A020	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5277
<b>API Well Number:</b> 177064038200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2910 - 5310	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 03-JUL-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2910 / 2864	DEF AT first sample examined	DEF IN 2
2970 / 2923	DEF AT - - - - -	DEF AT 3
3150 / 3100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4800 / 4737	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5310 / 5246	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 21-APR-1995	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5346
Well Name: A020	Paleo Done By: OPERATOR	Borehole TVD: 5277
API Well Number: 177064038200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 03-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3150 / 3100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4800 / 4737	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary:	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5695
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 5330
API Well Number: 177064038700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 18-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 4593	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 19-JUL-1979	<b>First Sample Examined:</b> 3005
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5695
<b>Well Name:</b> A021	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5330
<b>API Well Number:</b> 177064038700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3005 - 5640	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 18-AUG-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3005 / 2858	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3640 / 3392	DEF AT - - - - -	DEF AT 3
4930 / 4593	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5640 / 5297	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 331	Date of Summary: 04-DEC-1979	First Sample Examined: 7330
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 11883
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7700
API Well Number: 177064039000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7330 - 11883	Water Depth: 215
Public Info Code: Y 24-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7330 / 5000	DEF AT first sample examined	DEF IN 3
8710 / 5839	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11380 / 7397	DEF AT - - - - -	DEF AT 4
11410 / 7414	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11680 / 7575	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11883 / 7694	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 331	<b>Date of Summary:</b> 14-JAN-1980	<b>First Sample Examined:</b> 9640
<b>Lease Number:</b> G02572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11498
<b>Well Name:</b> A024	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7698
<b>API Well Number:</b> 177064039001	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9640 - 11110	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 31-DEC-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9640 / 6362	DEF AT first sample examined	DEF IN 2
10300 / 6804	DEF AT -----	DEF AT 3
10330 / 6825	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11050 / 7362	DEF AT -----	DEF AT 4
11110 / 7407	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 342	Date of Summary: 17-MAR-1987	First Sample Examined: 0
Lease Number: G05440	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14200
API Well Number: 177064059300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 11-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5369 /	POS IN Pleistocene	DEF AT 0
7684 /	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 342	Date of Summary: 03-NOV-1987	First Sample Examined: 0
Lease Number: G05440	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13525
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13506
API Well Number: 177064060000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 11-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10600 /	POS AT Pliocene	DEF AT 0
13500 /	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 343	Date of Summary: 10-MAY-1988	First Sample Examined: 0
Lease Number: G05441	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7587
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7587
API Well Number: 177064061300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6180 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6720 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary:	First Sample Examined: 3500
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9597
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9592
API Well Number: 177064030900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3500 - 9600	Water Depth: 237
Public Info Code: Y 27-MAR-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4220 / 4220	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0
5450 / 5450	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6430 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7140 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
7650 /	DEF AT Arenaceous fauna (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 348	<b>Date of Summary:</b> 11-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02271	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9597
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9592
<b>API Well Number:</b> 177064030900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 237
<b>Public Info Code:</b> Y 27-MAR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 4430	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6400 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7310 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9540 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9541 /	POS AT Pliocene	DEF AT 0
9542 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7130
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5892
API Well Number: 177064038900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 05-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 / 4348	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 20-MAR-1980	First Sample Examined: 3790
Lease Number: G02271	Source of Paleo: OPERATOR	Borehole MD: 8893
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7987
API Well Number: 177064041100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3790 - 8830	Water Depth: 237
Public Info Code: Y 31-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 / 3509	DEF AT first sample examined	DEF AT 3
4930 / 4499	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7360 / 6738	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8410 / 7592	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8830 / 7921	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6160
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5606
API Well Number: 177064041500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 09-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4570 / 4181	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6317
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5812
API Well Number: 177064043600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 09-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4855 / 4470	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5680
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5598
API Well Number: 177064043700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 28-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4536	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6427
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5829
API Well Number: 177064043900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 03-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4870 / 4432	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 348	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7078
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5654
API Well Number: 177064046800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 26-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 / 4563	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 352	Date of Summary: 22-JAN-1985	First Sample Examined: 0
Lease Number: G05444	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11410
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11400
API Well Number: 177064055800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 19-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6600	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9690 / 9689	DEF AT local marker planktic foram increase	DEF AT 0
10080 / 10079	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 355	Date of Summary: 28-DEC-1989	First Sample Examined: 4000
Lease Number: G07689	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8500
API Well Number: 177064063300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 61
Paleo Report Num: 1 of 2	Sample Range: 4000 - 8920	Water Depth: 250
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4900 / 4900	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6730 / 6667	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7990 / 7737	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8170 / 7889	DEF AT -----	DEF AT 5
8920 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 355	Date of Summary: 26-JAN-1990	First Sample Examined: 0
Lease Number: G07689	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177064063300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 61
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4900	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6730 / 6667	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7990 / 7737	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 356	Date of Summary: 21-DEC-1987	First Sample Examined: 7000
Lease Number: G07690	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 177064059900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 2000 - 14840	Water Depth: 265
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 /	DEF AT first sample examined	DEF AT 0
7030 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8350 /	POS IN Upper (Late) Miocene	DEF AT 0
8470 /	DEF AT anhydrite	DEF AT 0
8505 /	DEF AT salt	DEF AT 0
10540 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 0
10600 /	DEF AT base of salt	DEF AT 0
12980 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0
13760 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
14840 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 356	<b>Date of Summary:</b> 21-DEC-1987	<b>First Sample Examined:</b> 14630
<b>Lease Number:</b> G07690	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17000
<b>API Well Number:</b> 177064059900	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 14630 - 17000	<b>Water Depth:</b> 265
<b>Public Info Code:</b> Y 31-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14630 /	DEF AT first sample examined	DEF AT 0
15620 /	POS AT Upper (Late) Miocene	DEF AT 0
17000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 359	Date of Summary: 03-JAN-1991	First Sample Examined: 0
Lease Number: G05444	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12874
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12435
API Well Number: 177064061400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 261
Public Info Code: Y 19-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9073	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 05-SEP-1979	<b>First Sample Examined:</b> 1690
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6515
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5034
<b>API Well Number:</b> 177064038600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1690 - 6490	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 19-SEP-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 / 1519	DEF AT first sample examined	DEF IN 3
2380 / 2030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6490 / 5025	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 29-DEC-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6515
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5034
<b>API Well Number:</b> 177064038600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 19-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 / 1519	DEF AT -----	DEF AT 3
2380 / 2030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6271 / 4882	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6175
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5165
<b>API Well Number:</b> 177064039400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 02-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1548 / 1546	DEF AT -----	DEF AT 3
2810 / 2782	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 08-NOV-1979	First Sample Examined: 1280
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 6175
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5165
API Well Number: 177064039400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 3	Sample Range: 1280 - 6175	Water Depth: 303
Public Info Code: Y 02-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1280 / 1280	DEF AT first sample examined	DEF IN 2
1550 / 1548	DEF AT - - - - -	DEF AT 3
2840 / 2810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6175 / 5165	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6175
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5165
API Well Number: 177064039400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 02-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1550 / 1548	DEF AT -----	DEF AT 3
2840 / 2810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4600
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4421
<b>API Well Number:</b> 177064040500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 22-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3186 / 3021	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3486 / 3315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4056 / 3879	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 27-DEC-1979	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 4600
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4421
API Well Number: 177064040500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 22-JAN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3186 / 3021	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3486 / 3315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4056 / 3879	DEF AT -----	DEF AT 4
4600 / 4421	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 17-MAR-1980	First Sample Examined: 1150
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 5779
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4489
API Well Number: 177064041200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 3	Sample Range: 1150 - 5650	Water Depth: 303
Public Info Code: Y 10-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 / 1114	DEF AT first sample examined	DEF IN 2
1557 / 1479	DEF AT sample gap top	DEF AT 0
1607 / 1521	DEF AT sample gap bottom	DEF AT 0
1608 / 1522	DEF AT - - - - -	DEF IN 3
2570 / 2344	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4510 / 3685	DEF AT sample gap top	DEF AT 0
5109 / 4094	DEF AT sample gap bottom	DEF AT 0
5110 / 4094	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5230 / 4169	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5650 / 4415	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 18-MAR-1982	<b>First Sample Examined:</b> 1150
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5779
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4489
<b>API Well Number:</b> 177064041200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 10-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 / 1114	DEF AT first sample examined	DEF IN 2
1608 / 1522	DEF AT - - - - -	DEF IN 3
2570 / 2344	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5110 / 4094	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5230 / 4169	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 23-JAN-1995	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5779
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 4489
API Well Number: 177064041200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 10-APR-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3940 / 3289	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4482 / 3665	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 28-FEB-1980	<b>First Sample Examined:</b> 1972
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6410
<b>Well Name:</b> A010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5285
<b>API Well Number:</b> 177064040900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 1972 - 5442	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 19-MAR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1972 / 1939	DEF AT first sample examined	DEF IN 3
2182 / 2124	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5442 / 4562	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 28-FEB-1980	<b>First Sample Examined:</b> 5208
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6410
<b>Well Name:</b> A010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5285
<b>API Well Number:</b> 177064040900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 5208 - 6410	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 19-MAR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5208 / 4388	DEF AT first sample examined	DEF AT 3
6410 / 5288	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6410
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 5285
API Well Number: 177064040900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 19-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1972 / 1939	DEF AT -----	DEF AT 3
2182 / 2124	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 06-APR-1980	First Sample Examined: 1260
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 4963
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4809
API Well Number: 177064042300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 1260 - 4960	Water Depth: 303
Public Info Code: Y 01-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1260 / 1258	DEF AT first sample examined	DEF IN 3
2500 / 2471	DEF AT sample gap top	DEF AT 0
3332 / 3266	DEF AT sample gap bottom	DEF AT 0
3333 / 3267	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4825 / 4672	DEF AT -----	DEF AT 4
4960 / 4799	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 18-MAR-1982	<b>First Sample Examined:</b> 1260
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4963
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4809
<b>API Well Number:</b> 177064042300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 01-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1260 / 1258	DEF AT first sample examined	DEF AT 3
3333 / 3267	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4825 / 4672	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 04-JUN-1980	First Sample Examined: 4595
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 5100
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4949
API Well Number: 177064043300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 4595 - 5143	Water Depth: 303
Public Info Code: Y 09-JUN-1990	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4595 / 4465	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5143 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 18-MAR-1982	First Sample Examined: 4595
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5100
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 4949
API Well Number: 177064043300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 09-JUN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4595 / 4465	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 16-AUG-1979	First Sample Examined: 910
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 5635
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5308
API Well Number: 177064038500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 910 - 5635	Water Depth: 303
Public Info Code: Y 28-AUG-1989	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
910 / 910	DEF AT first sample examined	DEF IN 3
2140 / 2123	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5290 / 4989	POS AT -----	DEF AT 4
5635 / 5304	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 18-MAR-1982	First Sample Examined: 910
Lease Number: G02275	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5635
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5308
API Well Number: 177064038500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 910 - 5635	Water Depth: 303
Public Info Code: Y 28-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
910 / 910	DEF AT first sample examined	DEF AT 3
2140 / 2123	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5290 / 4989	DEF AT -----	DEF AT 4
5635 / 5304	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 26-SEP-1979	First Sample Examined: 1260
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 6856
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5349
API Well Number: 177064038800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 3	Sample Range: 1260 - 6755	Water Depth: 300
Public Info Code: Y 02-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1260 / 1203	DEF AT first sample examined	DEF IN 3
2460 / 2116	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5835 / 4630	DEF AT -----	DEF AT 5
6755 / 5278	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 19-OCT-1979	First Sample Examined: 5775
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 6856
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5349
API Well Number: 177064038800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 3	Sample Range: 5775 - 6860	Water Depth: 300
Public Info Code: Y 02-NOV-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5775 / 4586	DEF AT first sample examined	DEF AT 4
5776 / 4587	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5800 / 4604	DEF AT -----	DEF AT 5
6860 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 17-MAY-1995	First Sample Examined: 0
Lease Number: G02275	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6856
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5349
API Well Number: 177064038800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 02-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5775 / 4586	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5800 / 4604	DEF AT - - - - -	DEF AT 5
6712 / 5249	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 22-JAN-1980	<b>First Sample Examined:</b> 945
<b>Lease Number:</b> G02275	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5731
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5583
<b>API Well Number:</b> 177064040800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 945 - 5720	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 18-FEB-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
945 / 945	DEF AT first sample examined	DEF IN 2
1566 / 1564	DEF AT -----	DEF AT 3
2592 / 2570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4360 / 4267	DEF AT -----	DEF AT 4
5094 / 4971	DEF AT sample gap top	DEF AT 0
5300 / 5169	DEF AT sample gap bottom	DEF AT 0
5720 / 5572	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 369	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02275	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5731
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5583
API Well Number: 177064040800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 18-FEB-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
945 / 945	DEF AT -----	DEF AT 2
1566 / 1564	DEF AT -----	DEF AT 3
2592 / 2570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4360 / 4267	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 06-MAY-1980	<b>First Sample Examined:</b> 1071
<b>Lease Number:</b> G02275	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6240
<b>Well Name:</b> A012	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5606
<b>API Well Number:</b> 177064042800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1071 - 6220	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 23-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1071 / 1025	DEF AT first sample examined	DEF IN 3
2520 / 2314	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5310 / 4758	DEF AT - - - - -	DEF AT 4
5550 / 4973	DEF AT sample gap top	DEF AT 0
5690 / 5099	DEF AT sample gap bottom	DEF AT 0
6220 / 5589	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 369	<b>Date of Summary:</b> 18-JUN-1980	<b>First Sample Examined:</b> 1071
<b>Lease Number:</b> G02275	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6240
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5606
<b>API Well Number:</b> 177064042800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 23-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1071 / 1025	DEF AT first sample examined	DEF IN 3
2520 / 2314	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5310 / 4758	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 370	Date of Summary: 17-JAN-1980	First Sample Examined: 6390
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 8405
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 7748
API Well Number: 177064040200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6390 - 7230	Water Depth: 313
Public Info Code: Y 04-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6390 / 5954	DEF AT first sample examined	DEF AT 0
7230 / 6714	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 370	Date of Summary: 28-OCT-1982	First Sample Examined: 4480
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 7652
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 6224
API Well Number: 177064041000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4480 - 7630	Water Depth: 313
Public Info Code: Y 20-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4480 / 3748	DEF AT first sample examined	DEF AT 0
7630 / 6195	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 370	Date of Summary: 04-FEB-1980	First Sample Examined: 5540
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 6956
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 6288
API Well Number: 177064040700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5540 - 6956	Water Depth: 313
Public Info Code: Y 20-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5540 / 5020	DEF AT first sample examined	DEF AT 0
6956 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 373	<b>Date of Summary:</b> 29-JUN-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05450	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7700
<b>API Well Number:</b> 177064055500	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 197
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1328 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2768 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5770 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
7700 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 373	Date of Summary: 18-JAN-1990	First Sample Examined: 3550
Lease Number: G10688	Source of Paleo: OPERATOR	Borehole MD: 12270
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10142
API Well Number: 177064063500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 3550 - 12250	Water Depth: 305
Public Info Code: Y 22-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3550 / 3541	DEF AT cement	DEF AT 0
3551 / 3542	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
3610 / 3598	DEF AT -----	DEF AT 1
5740 / 5303	DEF AT cement	DEF AT 0
6130 / 5585	DEF AT -----	DEF AT 1
10960 / 9131	DEF AT -----	DEF AT 2
10990 / 9154	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
11320 / 9406	DEF AT -----	DEF AT 1
12250 / 10127	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 373	Date of Summary: 07-FEB-1990	First Sample Examined: 0
Lease Number: G10688	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12270
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10142
API Well Number: 177064063500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 22-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 / 4801	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
10990 / 9154	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 373	Date of Summary: 22-MAY-1990	First Sample Examined: 0
Lease Number: G10688	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7284
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7283
API Well Number: 177064064600	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 22-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4550 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5880 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary:	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9205
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 7880
API Well Number: 177064033600	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 31-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3249 / 3249	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6480 / 5922	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
8568 / 7420	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary:	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10195
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 8441
API Well Number: 177064039500	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 14-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3405 / 3404	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14230
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 11073
API Well Number: 177064053200	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 363
Public Info Code: Y 02-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 3998	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 24-MAY-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10118
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7791
API Well Number: 177064044300	Drilling Operator: TEXACO INC	Rkb Elevation: 134
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 320
Public Info Code: Y 26-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 7009	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 20-APR-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9943
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7903
API Well Number: 177064044700	Drilling Operator: TEXACO INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 26-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3345	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 05-MAY-1981	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8355
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6062
API Well Number: 177064044900	Drilling Operator: TEXACO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 20-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3059	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 19-APR-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9498
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7305
API Well Number: 177064045800	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 28-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3551	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 26-APR-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11822
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 8047
API Well Number: 177064046300	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 19-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3098	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8490
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5940
API Well Number: 177064046400	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 18-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3153	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 02-DEC-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7299
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7037
API Well Number: 177064046700	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 19-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9573
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6615
API Well Number: 177064046900	Drilling Operator: TEXACO INC	Rkb Elevation: 134
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 24-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3286	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 01-OCT-1981	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8511
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6271
API Well Number: 177064047100	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 09-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4125 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 20-JUL-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8396
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6610
API Well Number: 177064047600	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 10-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3341 / 3019	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9490
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 7508
API Well Number: 177064048000	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 18-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 4603	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 02-MAY-1983	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8558
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6742
API Well Number: 177064048700	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 13-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 3604	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 06-SEP-1994	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8894
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 6359
API Well Number: 177064048800	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 07-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 3538	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7644 / 5441	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 380	Date of Summary: 02-DEC-1982	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7434
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 6809
API Well Number: 177064048900	Drilling Operator: TEXACO INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 23-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3531	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 380	<b>Date of Summary:</b> 18-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02580	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9500
<b>Well Name:</b> A015	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6104
<b>API Well Number:</b> 177064049000	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 340
<b>Public Info Code:</b> Y 23-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 / 5004	POS IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 01-APR-1980	First Sample Examined: 4740
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 9087
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9084
API Well Number: 177064041600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4740 - 9030	Water Depth: 315
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5120 /	DEF AT cement	DEF AT 2
6120 /	DEF AT -----	DEF AT 3
6870 /	DEF AT sample gap top	DEF AT 0
6899 /	DEF AT sample gap bottom	DEF AT 0
6900 /	DEF AT local marker (general)	DEF AT 5
7020 /	DEF AT -----	DEF AT 4
7140 /	DEF AT sample gap top	DEF AT 0
7439 /	DEF AT sample gap bottom	DEF AT 0
7440 /	DEF AT -----	DEF AT 4
7470 /	DEF AT sample gap top	DEF AT 0
7529 /	DEF AT sample gap bottom	DEF AT 0
7530 /	DEF AT -----	DEF AT 5
7590 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8090 /	DEF AT sample gap top	DEF AT 0
8129 /	DEF AT sample gap bottom	DEF AT 0
8130 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8910 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9030 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 02-FEB-1981	First Sample Examined: 4685
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 12185
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10672
API Well Number: 177064045400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4685 - 12140	Water Depth: 338
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4685 / 4633	DEF AT first sample examined	POS AT 3
4686 / 4634	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	POS AT 3
4740 / 4680	DEF AT cement	DEF AT 3
5790 / 5507	DEF AT faunal change (no faunal increase)	DEF AT 2
7710 / 7055	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
9810 / 8779	DEF AT faunal change (no faunal increase)	DEF AT 4
9838 / 8802	DEF AT sample gap top	POS AT 4
9869 / 8826	DEF AT sample gap bottom	DEF AT 4
9870 / 8827	DEF AT local marker benthic foram increase	DEF AT 4
10340 / 9194	DEF AT cement	POS AT 4
10820 / 9574	DEF AT faunal change (no faunal increase)	DEF AT 3
11840 / 10395	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
12139 / 10635	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12140 / 10636	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 13-JUL-1982	First Sample Examined: 700
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 8377
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8000
API Well Number: 177064050200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 700 - 8350	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
700 / 700	DEF AT first sample examined	DEF AT 3
1450 / 1447	DEF AT cement	DEF AT 2
2050 / 2042	DEF AT sample gap top	DEF AT 0
2199 / 2189	DEF AT sample gap bottom	DEF AT 0
2200 / 2189	DEF AT -----	DEF AT 3
2440 / 2426	DEF AT -----	DEF AT 2
3910 / 3851	DEF AT -----	DEF AT 3
4120 / 4051	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5770 / 5590	DEF AT -----	DEF AT 2
7360 / 7030	DEF AT -----	DEF AT 3
7540 / 7193	DEF IN local marker (general)	DEF AT 4
7870 / 7495	DEF AT -----	DEF AT 3
8350 / 7938	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 09-AUG-1982	First Sample Examined: 5000
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 8876
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8500
API Well Number: 177064050400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 5000 - 8870	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4975	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6320 / 6151	DEF AT -----	DEF AT 2
7910 / 7586	DEF AT -----	DEF AT 4
7940 / 7614	DEF IN local marker (general)	DEF AT 4
8240 / 7889	DEF AT -----	DEF AT 3
8870 / 8495	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G04216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8876
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177064050400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7940 / 7614	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 26-OCT-1982	First Sample Examined: 5100
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 8170
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8000
API Well Number: 177064051100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 5100 - 8160	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4947	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6300 / 6122	DEF AT - - - - -	DEF AT 2
7620 / 7441	DEF IN local marker (general)	DEF AT 3
8160 / 7981	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 381	<b>Date of Summary:</b> 26-OCT-1982	<b>First Sample Examined:</b> 4950
<b>Lease Number:</b> G04216	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8627
<b>Well Name:</b> A005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8509
<b>API Well Number:</b> 177064050900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4950 - 8610	<b>Water Depth:</b> 340
<b>Public Info Code:</b> Y 25-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4950	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5370 / 5370	DEF AT - - - - -	DEF AT 3
8610 / 8492	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 21-DEC-1982	First Sample Examined: 4500
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 9020
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7306
API Well Number: 177064051600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 4500 - 9000	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 3984	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6870 / 5733	DEF AT - - - - -	DEF AT 3
7200 / 5984	DEF AT local marker (general)	DEF AT 3
7580 / 6269	DEF AT sample gap top	DEF AT 0
8159 / 6696	DEF AT sample gap bottom	DEF AT 0
8160 / 6697	DEF AT - - - - -	DEF AT 4
8610 / 7021	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9000 / 7293	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9020
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7306
API Well Number: 177064051600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 5984	DEF AT local marker (general)	DEF AT 0
8610 / 7021	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 19-APR-1983	First Sample Examined: 5100
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 12950
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11144
API Well Number: 177064051800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 5100 - 12900	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4972	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
5160 / 5022	DEF AT -----	DEF AT 3
6090 / 5797	DEF AT -----	DEF AT 2
6330 / 5991	DEF AT -----	DEF AT 3
6780 / 6351	DEF AT -----	DEF AT 2
9330 / 8405	DEF AT -----	DEF AT 3
10620 / 9434	DEF AT -----	DEF AT 4
10680 / 9483	DEF AT local marker (general)	DEF AT 4
11460 /10113	DEF AT -----	DEF AT 3
11970 /10472	DEF AT -----	DEF AT 5
12000 /10493	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12270 /10680	DEF AT -----	DEF AT 4
12900 /11111	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 19-APR-1982	First Sample Examined: 5570
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 12280
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10607
API Well Number: 177064051801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 1 of 4	Sample Range: 5570 - 10460	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 / 5349	DEF AT cement	DEF AT 0
6230 / 5850	DEF AT -----	DEF AT 2
9830 / 8650	DEF AT -----	DEF AT 3
10220 / 8972	DEF AT drilling material	DEF AT 0
10460 / 9168	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 19-APR-1982	First Sample Examined: 8250
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 12280
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10607
API Well Number: 177064051801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 2 of 4	Sample Range: 8250 - 12240	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 / 7365	DEF AT cement	DEF AT 0
8730 / 7752	DEF AT -----	DEF AT 2
9690 / 8534	DEF AT -----	DEF AT 3
11040 / 9648	DEF IN local marker (general)	DEF AT 4
11580 /10077	DEF AT -----	DEF AT 3
11880 /10305	DEF AT -----	DEF AT 4
12240 /10577	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 19-APR-1983	First Sample Examined: 6630
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 12280
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10607
API Well Number: 177064051801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 3 of 4	Sample Range: 6630 - 11700	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6630 / 6148	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7410 / 6727	DEF AT -----	DEF AT 2
8100 / 7248	DEF AT -----	DEF AT 3
8250 / 7365	DEF AT sample gap top	DEF AT 0
8879 / 7873	DEF AT sample gap bottom	DEF AT 0
8880 / 7874	DEF AT -----	DEF AT 2
10380 / 9103	DEF AT -----	DEF AT 3
10590 / 9275	DEF IN local marker (general)	DEF AT 4
11520 / 10030	DEF AT -----	DEF AT 3
11700 / 10168	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 08-JUN-1983	First Sample Examined: 0
Lease Number: G04216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12280
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10607
API Well Number: 177064051801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 4 of 4	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 / 9349	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 18-MAY-1983	First Sample Examined: 2960
Lease Number: G04216	Source of Paleo: OPERATOR	Borehole MD: 11975
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9492
API Well Number: 177064052700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 2960 - 11975	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2813	DEF AT first sample examined	DEF AT 3
3830 / 3450	DEF AT -----	DEF AT 2
4490 / 3948	DEF AT -----	DEF AT 3
4580 / 4017	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4850 / 4227	DEF AT -----	DEF AT 2
5330 / 4604	DEF AT sample gap top	DEF AT 0
6139 / 5210	DEF AT sample gap bottom	DEF AT 0
6140 / 5211	DEF AT -----	DEF AT 3
6410 / 5410	DEF AT -----	DEF AT 2
9680 / 7810	DEF AT -----	DEF AT 3
9920 / 7985	DEF AT -----	DEF AT 2
10580 / 8465	DEF AT -----	DEF AT 3
11210 / 8929	DEF AT -----	DEF AT 4
11240 / 8951	DEF AT local marker (general)	DEF AT 4
11330 / 9018	DEF AT -----	DEF AT 3
11840 / 9392	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
11975 / 9492	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 381	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G04216	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11975
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9492
API Well Number: 177064052700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 25-DEC-1989	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11240 / 8951	DEF AT local marker (general)	DEF AT 0
11840 / 9392	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 09-APR-1980	First Sample Examined: 2800
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 4968
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4300
API Well Number: 177064042000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 2800 - 4960	Water Depth: 300
Public Info Code: Y 24-APR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2511	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4960 / 4294	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 386	<b>Date of Summary:</b> 21-APR-1980	<b>First Sample Examined:</b> 3070
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5595
<b>Well Name:</b> B004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5175
<b>API Well Number:</b> 177064042001	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3070 - 5825	<b>Water Depth:</b> 300
<b>Public Info Code:</b> Y 03-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 2741	DEF AT first sample examined	DEF IN 3
3100 / 2767	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5825 / 5408	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5595
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 5175
API Well Number: 177064042001	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 03-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 2741	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5825 / 5408	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 13-MAY-1980	First Sample Examined: 960
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 3442
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3100
API Well Number: 177064043000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 960 - 3442	Water Depth: 300
Public Info Code: Y 21-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 / 953	DEF AT first sample examined	DEF IN 2
1290 / 1259	DEF AT -----	DEF AT 3
2220 / 2006	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3180 / 2850	DEF AT -----	DEF AT 4
3210 / 2879	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3442 / 3099	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3442
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 3100
API Well Number: 177064043000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 21-MAY-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 2850	DEF AT -----	DEF AT 4
3210 / 2879	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 14-JUL-1980	First Sample Examined: 5530
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 7328
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5394
API Well Number: 177064043400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 5	Sample Range: 5530 - 6850	Water Depth: 300
Public Info Code: Y 16-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 / 3857	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5980 / 4240	DEF AT -----	DEF AT 4
6580 /	DEF AT -----	DEF AT 5
6850 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 21-JUL-1980	First Sample Examined: 6310
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 7328
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5394
API Well Number: 177064043400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 5	Sample Range: 6310 - 7300	Water Depth: 300
Public Info Code: Y 16-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6310 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7300 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 26-JUL-1980	First Sample Examined: 3410
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 7328
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5394
API Well Number: 177064043400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 5	Sample Range: 3410 - 6710	Water Depth: 300
Public Info Code: Y 16-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 2536	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6110 / 4352	POS AT - - - - -	POS AT 4
6140 / 4377	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 4
6260 / 4479	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6710 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 386	<b>Date of Summary:</b> 04-SEP-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7328
<b>Well Name:</b> B006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5394
<b>API Well Number:</b> 177064043400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 4 of 5	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 300
<b>Public Info Code:</b> Y 16-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3905 / 2835	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5530 / 3857	DEF AT -----	DEF AT 3
6010 / 4266	DEF AT -----	DEF AT 4
6310 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 386	<b>Date of Summary:</b> 18-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7328
<b>Well Name:</b> B006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5394
<b>API Well Number:</b> 177064043400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 5 of 5	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 300
<b>Public Info Code:</b> Y 16-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 / 3857	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6010 / 4266	DEF AT -----	DEF AT 4
6310 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 15-SEP-1980	First Sample Examined: 3480
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 6448
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5491
API Well Number: 177064044200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 3	Sample Range: 3480 - 6448	Water Depth: 300
Public Info Code: Y 09-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3060	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6130 / 5248	DEF AT - - - - -	DEF AT 4
6410 / 5462	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6448 / 5491	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 386	<b>Date of Summary:</b> 18-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02274	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6448
<b>Well Name:</b> B007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5491
<b>API Well Number:</b> 177064044200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 300
<b>Public Info Code:</b> Y 09-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6130 / 5248	DEF AT - - - - -	DEF AT 4
6410 / 5462	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 18-JUN-1985	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6448
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 5491
API Well Number: 177064044200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 09-OCT-1990	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6410 / 5462	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 08-DEC-1980	First Sample Examined: 3080
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 5643
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4502
API Well Number: 177064046000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 3080 - 6740	Water Depth: 300
Public Info Code: Y 05-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3080 / 2547	DEF AT cement	DEF AT 0
3260 / 2654	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6040 / 4867	DEF AT - - - - -	DEF AT 4
6640 / 5417	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6740 / 5508	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 16-JUN-1987	First Sample Examined: 0
Lease Number: G02274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5643
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 4502
API Well Number: 177064046000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 05-JAN-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2783 / 2375	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4014 / 3155	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G02278	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7761
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 6100
API Well Number: 177064041300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 02-APR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 2733	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6670 / 5251	DEF AT -----	DEF AT 4
6700 / 5275	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 28-OCT-1980	First Sample Examined: 3290
Lease Number: G02278	Source of Paleo: OPERATOR	Borehole MD: 10880
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9222
API Well Number: 177064045000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 3290 - 10060	Water Depth: 300
Public Info Code: Y 21-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3290 / 3159	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5360 / 5014	DEF AT -----	DEF AT 4
6670 / 6213	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6820 / 6349	DEF AT -----	DEF AT 5
10000 / 9152	DEF AT -----	DEF AT 6
10060 / 9205	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 386	Date of Summary: 17-JAN-1994	First Sample Examined: 0
Lease Number: G02278	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10880
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 9222
API Well Number: 177064045000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 21-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3260 / 3132	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4112 / 3894	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 395	Date of Summary: 28-JUN-1988	First Sample Examined: 0
Lease Number: G05453	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7011
API Well Number: 177064061000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 404
Public Info Code: Y 11-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4669	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8120 / 6738	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8590 / 7006	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 13-FEB-1980	First Sample Examined: 5030
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 12358
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12205
API Well Number: 177064039800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5030 - 12350	Water Depth: 405
Public Info Code: Y 18-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5030 / 5027	DEF AT first sample examined	DEF AT 2
6020 / 6015	DEF AT -----	DEF AT 3
6680 / 6674	DEF AT -----	DEF AT 2
8480 / 8467	DEF AT -----	DEF AT 4
8540 / 8527	DEF AT local marker (general)	DEF AT 4
10130 /10106	DEF AT Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 5
10640 /10592	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF AT 5
12230 /12084	POS AT Upper Pliocene (Piacenzian) <i>Cyclammina</i> sp.	DEF AT 5
12350 /12197	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 397	<b>Date of Summary:</b> 10-NOV-1981	<b>First Sample Examined:</b> 5370
<b>Lease Number:</b> G03141	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10974
<b>Well Name:</b> 005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10964
<b>API Well Number:</b> 177064048600	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 42
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5370 - 11070	<b>Water Depth:</b> 396
<b>Public Info Code:</b> Y 06-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 /	DEF AT first sample examined	DEF AT 2
5730 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5910 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6510 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9330 /	DEF AT local marker foram increase	DEF AT 4
10020 /	DEF AT local marker (general)	DEF AT 4
10980 /	DEF AT local marker deep water fauna	DEF AT 5
11070 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 397	<b>Date of Summary:</b> 02-APR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03141	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10974
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10964
<b>API Well Number:</b> 177064048600	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 42
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 396
<b>Public Info Code:</b> Y 06-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 15-DEC-1978	First Sample Examined: 3040
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 11040
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11037
API Well Number: 177064033500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 3034 - 10990	Water Depth: 396
Public Info Code: Y 02-JAN-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 /	DEF AT first sample examined	DEF AT 2
3370 /	DEF AT local marker foram increase	DEF AT 3
4360 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4570 /	DEF AT -----	DEF AT 2
6490 /	DEF AT local marker (general)	DEF AT 4
7570 /	POS AT cement	POS AT 4
7990 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 4
8520 /	DEF IN local marker deep water fauna	DEF AT 6
8521 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 6
9000 /	DEF AT -----	DEF AT 5
9450 /	DEF AT -----	DEF AT 6
9750 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 6
10020 /	DEF AT -----	DEF AT 5
10360 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
10990 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 26-APR-1982	First Sample Examined: 0
Lease Number: G03141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11040
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11037
API Well Number: 177064033500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 396
Public Info Code: Y 02-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4360 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6490 /	DEF AT local marker (general)	DEF AT 0
7990 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9750 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
10360 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 21-MAR-1979	First Sample Examined: 3950
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 11513
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9753
API Well Number: 177064034100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 206
Paleo Report Num: 1 of 1	Sample Range: 3950 - 11480	Water Depth: 396
Public Info Code: Y 29-MAR-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3950 / 3948	DEF AT first sample examined	DEF AT 3
4400 / 4398	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4700 / 4697	DEF AT faunal change (no faunal increase)	DEF AT 2
5600 / 5561	DEF AT faunal change (no faunal increase)	DEF AT 3
6860 / 6548	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7700 / 7127	DEF AT faunal change (no faunal increase)	DEF AT 3
8720 / 7812	DEF AT sand	DEF AT 3
9110 / 8077	DEF AT faunal change (no faunal increase)	DEF AT 2
11480 / 9729	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 24-AUG-1979	First Sample Examined: 4760
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 7855
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7373
API Well Number: 177064036100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4760 - 9320	Water Depth: 396
Public Info Code: Y 25-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4760 / 4497	DEF AT first sample examined	DEF AT 2
4761 / 4498	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
5780 / 5433	DEF AT faunal change (no faunal increase)	DEF AT 3
6950 / 6523	DEF AT local marker deep water fauna	DEF AT 4
7520 / 7059	DEF AT faunal change (no faunal increase)	DEF AT 3
8900 / 8354	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9320 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 21-JUN-1979	First Sample Examined: 4540
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 14349
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 177064037300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4540 - 14350	Water Depth: 396
Public Info Code: Y 04-JUL-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4540 / 4493	DEF AT first sample examined	DEF AT 3
4541 / 4494	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5230 / 5105	DEF AT sample gap top	POS AT 3
5650 / 5456	DEF AT sample gap bottom	DEF AT 3
6940 / 6394	DEF AT faunal change (no faunal increase)	DEF AT 2
9220 / 8145	DEF AT faunal change (no faunal increase)	DEF AT 3
11050 / 9585	DEF AT local marker foram increase	DEF AT 4
11260 / 9747	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11650 / 10046	DEF AT cement	POS AT 4
11830 / 10183	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
13750 / 11575	DEF AT faunal change (no faunal increase)	DEF AT 3
14350 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G03141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14349
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177064037300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 396
Public Info Code: Y 04-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4766 / 4700	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
12130 / 10410	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 31-OCT-1979	First Sample Examined: 4300
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 11677
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9964
API Well Number: 177064038400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4300 - 11620	Water Depth: 396
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 4110	DEF AT first sample examined	DEF AT 3
4780 / 4512	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4930 / 4636	DEF AT faunal change (no faunal increase)	DEF AT 2
7090 / 6351	DEF AT local marker benthic foram increase	DEF AT 4
8650 / 7584	DEF AT local marker foram increase	DEF AT 4
9550 / 8284	DEF IN local marker deep water fauna	DEF AT 6
11620 / 9915	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 01-JUN-1982	First Sample Examined: 0
Lease Number: G03141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11677
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9964
API Well Number: 177064038400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 396
Public Info Code: Y 25-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 6604	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9550 / 8284	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 13-FEB-1980	First Sample Examined: 4685
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 10375
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9722
API Well Number: 177064040600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4685 - 10320	Water Depth: 396
Public Info Code: Y 08-MAR-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4685 / 4509	DEF AT first sample examined	DEF AT 2
4686 / 4510	DEF AT cement	DEF AT 2
5030 / 4828	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6770 / 6437	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7280 / 6910	DEF AT faunal change (no faunal increase)	DEF AT 3
8310 / 7858	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
10320 / 9716	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 397	<b>Date of Summary:</b> 31-MAR-1980	<b>First Sample Examined:</b> 4630
<b>Lease Number:</b> G03141	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9666
<b>Well Name:</b> A007	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9297
<b>API Well Number:</b> 177064041700	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4630 - 9610	<b>Water Depth:</b> 396
<b>Public Info Code:</b> Y 15-APR-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 / 4520	DEF AT first sample examined	DEF AT 2
5290 / 5141	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7180 / 6926	DEF AT local marker (general)	DEF AT 4
7960 / 7670	DEF AT -----	DEF AT 3
8410 / 8100	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9610 / 9243	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 05-MAY-1980	First Sample Examined: 4640
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 8935
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8138
API Well Number: 177064042400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4640 - 8900	Water Depth: 396
Public Info Code: Y 19-MAY-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 4477	DEF AT first sample examined	DEF AT 2
4820 / 4640	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6800 / 6421	DEF AT local marker benthic foram increase	DEF AT 4
6980 / 6580	DEF AT sample gap top	POS AT 4
7310 / 6868	DEF AT sample gap bottom	DEF AT 3
8090 / 7547	DEF AT faunal change (no faunal increase)	DEF AT 4
8750 / 8128	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8900 / 8260	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 11-JUL-1980	First Sample Examined: 5010
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 11698
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10574
API Well Number: 177064043500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 5010 - 11670	Water Depth: 396
Public Info Code: Y 24-JUL-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4767	DEF AT first sample examined	DEF AT 3
6870 / 6442	DEF AT local marker benthic foram increase	DEF AT 4
7500 / 7014	DEF AT faunal change (no faunal increase)	DEF AT 3
8940 / 8296	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9600 / 8889	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
11460 /10415	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 6
11670 /10555	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G03141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13850
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 11203
API Well Number: 177064044000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 395
Public Info Code: Y 29-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 / 4434	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
12090 / 9997	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
14310 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
14311 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 04-JUN-1981	First Sample Examined: 4560
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 8730
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8499
API Well Number: 177064045200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4560 - 8680	Water Depth: 395
Public Info Code: Y 14-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4560 / 4493	DEF AT first sample examined	DEF AT 2
5280 / 5185	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5400 / 5300	DEF AT faunal change (no faunal increase)	DEF AT 2
6540 / 6393	DEF AT local marker foram increase	DEF AT 4
7020 / 6853	DEF AT sample gap top	POS AT 4
7050 / 6882	DEF AT sample gap bottom	DEF AT 4
7260 / 7083	DEF AT faunal change (no faunal increase)	DEF AT 3
7920 / 7716	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8380 / 8160	DEF AT faunal change (no faunal increase)	DEF AT 5
8680 / 8451	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 18-MAR-1981	First Sample Examined: 5330
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 11887
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10096
API Well Number: 177064045300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 5330 - 11830	Water Depth: 395
Public Info Code: Y 18-MAR-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5330 / 4791	DEF AT first sample examined	DEF AT 2
5930 / 5292	DEF AT faunal change (no faunal increase)	DEF AT 3
7460 / 6512	DEF AT local marker benthic foram increase	DEF AT 4
8000 / 6954	DEF AT faunal change (no faunal increase)	DEF AT 3
9140 / 7891	DEF AT faunal change (no faunal increase)	DEF AT 4
10070 / 8665	DEF AT Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 5
11830 / 10070	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 397	<b>Date of Summary:</b> 17-AUG-1981	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G03141	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11368
<b>Well Name:</b> A013	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 9944
<b>API Well Number:</b> 177064047800	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4500 - 11310	<b>Water Depth:</b> 396
<b>Public Info Code:</b> Y 25-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4494	DEF AT first sample examined	DEF AT 2
6600 / 6364	DEF AT faunal change (no faunal increase)	DEF AT 3
6750 / 6472	DEF AT local marker foram increase	DEF AT 4
7230 / 6814	DEF AT local marker benthic foram increase	DEF AT 4
7590 / 7064	DEF AT faunal change (no faunal increase)	DEF AT 3
9630 / 8472	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10710 / 9371	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
11310 / 9893	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 17-NOV-1981	First Sample Examined: 4850
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 10932
Well Name: A014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9986
API Well Number: 177064048100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4850 - 10880	Water Depth: 395
Public Info Code: Y 03-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4850 / 4665	DEF AT first sample examined	DEF AT 2
9830 / 8996	DEF AT local marker foram increase	DEF AT 3
10010 / 9153	DEF AT poor sample interval top	POS AT 3
10520 / 9610	DEF AT Arenaceous fauna (local marker)	POS AT 3
10879 / 9939	DEF AT poor sample interval bottom	POS AT 3
10880 / 9940	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 19-APR-1982	First Sample Examined: 0
Lease Number: G03141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10932
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 9986
API Well Number: 177064048100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 395
Public Info Code: Y 03-DEC-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4621	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9800 / 8969	DEF AT local marker foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 397	<b>Date of Summary:</b> 07-OCT-1981	<b>First Sample Examined:</b> 7160
<b>Lease Number:</b> G03141	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11975
<b>Well Name:</b> A015	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8504
<b>API Well Number:</b> 177064048500	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7160 - 11960	<b>Water Depth:</b> 395
<b>Public Info Code:</b> Y 14-OCT-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7160 / 5144	DEF AT first sample examined	DEF AT 2
8510 / 6108	DEF AT faunal change (no faunal increase)	DEF AT 3
9050 / 6509	DEF AT local marker benthic foram increase	DEF AT 4
9470 / 6826	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
9800 / 7075	DEF AT faunal change (no faunal increase)	DEF AT 3
10850 / 7793	DEF AT faunal change (no faunal increase)	DEF AT 4
11090 / 7949	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
11960 / 8501	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 21-APR-1982	First Sample Examined: 4500
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 8697
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8501
API Well Number: 177064049300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 4500 - 7320	Water Depth: 395
Public Info Code: Y 10-MAY-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4497	DEF AT first sample examined	DEF AT 2
5130 / 5120	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5490 / 5465	DEF AT faunal change (no faunal increase)	DEF AT 2
6600 / 6507	DEF AT local marker benthic foram increase	DEF AT 4
6990 / 6876	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7320 / 7190	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 21-APR-1982	First Sample Examined: 4610
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 8697
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8501
API Well Number: 177064049300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 4610 - 8660	Water Depth: 395
Public Info Code: Y 10-MAY-1992	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
4610 / 4607	DEF AT first sample examined	DEF AT 2
5100 / 5091	DEF AT faunal change (no faunal increase)	DEF AT 3
5150 / 5139	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5390 / 5370	DEF AT faunal change (no faunal increase)	DEF AT 2
6650 / 6554	DEF AT faunal change (no faunal increase)	DEF AT 4
6710 / 6611	DEF AT local marker benthic foram increase	DEF AT 4
7160 / 7038	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7460 / 7324	DEF AT faunal change (no faunal increase)	DEF AT 3
8450 /	DEF AT local marker foram increase	DEF AT 4
8451 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8660 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> VR 397	<b>Date of Summary:</b> 04-JUN-1982	<b>First Sample Examined:</b> 5230
<b>Lease Number:</b> G03141	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10360
<b>Well Name:</b> A017	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8519
<b>API Well Number:</b> 177064050000	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5230 - 9910	<b>Water Depth:</b> 395
<b>Public Info Code:</b> Y 02-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 4538	DEF AT first sample examined	DEF AT 2
6340 / 5425	DEF AT faunal change (no faunal increase)	DEF AT 3
7600 / 6394	DEF AT faunal change (no faunal increase)	DEF AT 2
8740 / 7252	DEF AT local marker benthic foram increase	DEF AT 3
9910 / 8145	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: VR 397	Date of Summary: 04-JUN-1982	First Sample Examined: 6160
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 10360
Well Name: A017	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8519
API Well Number: 177064050000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 6160 - 10330	Water Depth: 395
Public Info Code: Y 02-JUL-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6160 / 5283	DEF AT first sample examined	DEF AT 2
8650 / 7184	DEF AT faunal change (no faunal increase)	DEF AT 3
8950 / 7409	DEF AT local marker benthic foram increase	DEF AT 3
10330 / 8494	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 22	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02818	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15150
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15150
<b>API Well Number:</b> 177004019800	<b>Drilling Operator:</b> GENERAL AMERICAN OIL COMPANY	<b>Rkb Elevation:</b> 49
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 28
<b>Public Info Code:</b> Y 09-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8580 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9470 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
10150 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0
12360 /	DEF AT Cyclammina sp. (local marker)	DEF AT 0
14140 /	DEF AT Arenaceous fauna (local marker)	DEF AT 0
14380 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 22	Date of Summary: 05-SEP-1977	First Sample Examined: 5000
Lease Number: G02818	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15150
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15150
API Well Number: 177004019800	Drilling Operator: GENERAL AMERICAN OIL COMPANY	Rkb Elevation: 49
Paleo Report Num: 2 of 2	Sample Range: 5000 - 15130	Water Depth: 28
Public Info Code: Y 09-AUG-1991	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	POS AT 2
5968 /	DEF IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
6530 /	DEF AT pyrite	DEF AT 2
8180 /	DEF AT poor sample interval top	POS AT 2
8539 /	DEF AT poor sample interval bottom	DEF AT 2
8540 /	DEF AT pyrite	DEF AT 2
8780 /	DEF AT sample gap top	POS AT 2
9079 /	DEF AT sample gap bottom	DEF AT 2
9080 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9200 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 2
10040 /	DEF AT sample gap top	POS AT 2
10699 /	DEF AT sample gap bottom	DEF AT 3
10700 /	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10701 /	POS IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
10730 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
11810 /	DEF AT sample gap top	POS AT 3
12239 /	DEF AT sample gap bottom	DEF AT 4
12240 /	DEF IN Cyclammia cancellata (local marker)	DEF AT 4
12990 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
14320 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
15130 /	DEF AT last sample examined	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 28	Date of Summary:	First Sample Examined: 0
Lease Number: G02125	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14818
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14818
API Well Number: 177002010400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 47
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 27-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 28	Date of Summary:	First Sample Examined: 0
Lease Number: G02125	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15458
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15458
API Well Number: 177002011000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 27-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 28	Date of Summary:	First Sample Examined: 0
Lease Number: G02125	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15932
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15932
API Well Number: 177002011200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 27-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 /	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 28	Date of Summary: 28-MAR-1984	First Sample Examined: 0
Lease Number: G02125	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15660
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 15630
API Well Number: 177002011500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 27-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 / 7348	POS AT Lower (Early) Miocene	DEF AT 0
15660 / 15631	POS IN Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 34	Date of Summary: 13-JUL-1982	First Sample Examined: 6570
Lease Number: G03251	Source of Paleo: OPERATOR	Borehole MD: 13520
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13500
API Well Number: 177004054300	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 6570 - 13200	Water Depth: 28
Public Info Code: Y 28-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6570 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7890 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
7980 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
10290 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
11010 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
11520 /	DEF AT - - - - -	DEF AT 1
13200 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
13500 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 41	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02531	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12246
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11521
<b>API Well Number:</b> 177004030400	<b>Drilling Operator:</b> C & K MARINE PRODUCTION COMPAN	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 30
<b>Public Info Code:</b> Y 12-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7403	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
10010 / 9417	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11270 /10590	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11480 /10789	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 41	Date of Summary: 05-SEP-1978	First Sample Examined: 5000
Lease Number: G02531	Source of Paleo: OPERATOR	Borehole MD: 12246
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11521
API Well Number: 177004030400	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 5000 - 12230	Water Depth: 30
Public Info Code: Y 12-JUN-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4806	DEF AT first sample examined	DEF AT 2
5750 / 5504	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6440 / 6149	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7820 / 7403	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8090 / 7649	DEF AT -----	DEF AT 2
10010 / 9417	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10700 / 10055	DEF AT cement	DEF AT 0
10850 / 10195	DEF AT -----	DEF AT 2
11270 / 10590	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11480 / 10789	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
12230 / 11506	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 41	Date of Summary: 17-JUN-1987	First Sample Examined: 0
Lease Number: G02531	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10902
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10899
API Well Number: 177004071100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 12-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7250 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
9530 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10610 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 43	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07597	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10916
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10916
<b>API Well Number:</b> 177004076400	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 11-JUL-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8960 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9650 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
9980 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0
10010 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 48	Date of Summary: 29-SEP-1981	First Sample Examined: 0
Lease Number: G01351	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12750
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 12750
API Well Number: 177004035500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 24-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6070 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8870 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
9533 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 56	Date of Summary: 08-DEC-1981	First Sample Examined: 0
Lease Number: 00301	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9386
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 8986
API Well Number: 177004047100	Drilling Operator: GENERAL AMERICAN OIL COMPANY	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 17-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6565 / 7063	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8665 / 8948	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8885 / 9145	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9265 / 9488	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 57	Date of Summary: 04-AUG-1988	First Sample Examined: 0
Lease Number: G05272	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12792
API Well Number: 177004075600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 28-OCT-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8880 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
9900 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 0
10920 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0
11670 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 62	Date of Summary: 08-MAY-1986	First Sample Examined: 0
Lease Number: G05276	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19576
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15807
API Well Number: 177004070500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 05-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13340 /10951	POS AT Middle Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 65	Date of Summary: 16-MAY-1978	First Sample Examined: 7270
Lease Number: G02825	Source of Paleo: OPERATOR	Borehole MD: 13150
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 12719
API Well Number: 177004024600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 7270 - 14000	Water Depth: 37
Public Info Code: Y 02-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7270 / 7212	DEF AT first sample examined	DEF AT 0
8160 / 8076	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8460 / 8368	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
10510 / 10349	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11250 / 11059	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
14000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 65	Date of Summary: 31-JAN-1979	First Sample Examined: 8825
Lease Number: G02825	Source of Paleo: OPERATOR	Borehole MD: 13600
Well Name: JB001	Paleo Done By: OPERATOR	Borehole TVD: 13600
API Well Number: 177004035800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 131
Paleo Report Num: 1 of 1	Sample Range: 8825 - 13600	Water Depth: 38
Public Info Code: Y 23-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8825 /	DEF AT first sample examined	DEF AT 0
10135 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10990 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
13600 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 67	<b>Date of Summary:</b> 31-MAR-1982	<b>First Sample Examined:</b> 4400
<b>Lease Number:</b> G03256	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13989
<b>Well Name:</b> 004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13732
<b>API Well Number:</b> 177004052000	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4400 - 13970	<b>Water Depth:</b> 31
<b>Public Info Code:</b> Y 21-APR-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: 11960=Cristellaria cf 47

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 4399	DEF AT first sample examined	DEF IN 1
5360 / 5350	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6650 / 6589	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6830 / 6762	DEF AT - - - - -	DEF AT 3
7340 / 7253	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8480 / 8345	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9110 / 8954	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11120 / 10902	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11960 / 11725	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
13970 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 67	Date of Summary: 27-MAY-1982	First Sample Examined: 0
Lease Number: G03256	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13989
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13732
API Well Number: 177004052000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 21-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: 11960=Cristellaria cf 47

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5360 / 5350	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6650 / 6589	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
7340 / 7253	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
8480 / 8345	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
9110 / 8954	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11120 / 10902	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11960 / 11725	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 67	<b>Date of Summary:</b> 05-OCT-1982	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G03256	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11845
<b>Well Name:</b> 008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11561
<b>API Well Number:</b> 177004057300	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8000 - 11840	<b>Water Depth:</b> 33
<b>Public Info Code:</b> Y 31-OCT-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7854	DEF AT first sample examined	DEF IN 2
8060 / 7911	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8390 / 8227	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11450 / 11180	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11840 / 11557	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 67	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03256	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11845
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 11561
API Well Number: 177004057300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8060 / 7911	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8390 / 8227	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11450 / 11180	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 67	<b>Date of Summary:</b> 20-SEP-1982	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> G03256	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12947
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12742
<b>API Well Number:</b> 177004054600	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8000 - 12950	<b>Water Depth:</b> 33
<b>Public Info Code:</b> Y 24-SEP-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: 11840=Cristellaria cf 47

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF IN 3
8150 / 8149	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8600 / 8599	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10461 / 10411	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11840 / 11711	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
12950 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 67	Date of Summary: 11-JAN-1982	First Sample Examined: 4730
Lease Number: G03256	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177004050700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4730 - 16000	Water Depth: 31
Public Info Code: Y 29-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 /	DEF AT first sample examined	DEF IN 2
5390 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
6590 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
6830 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7370 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8480 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8900 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10280 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10940 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11750 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
16000 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 67	Date of Summary: 15-APR-1982	First Sample Examined: 4730
Lease Number: G03256	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16000
API Well Number: 177004050700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4730 - 15980	Water Depth: 31
Public Info Code: Y 29-JAN-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 /	DEF AT first sample examined	DEF AT 2
6650 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6739 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
6740 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7760 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8209 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
8210 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
8630 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
8870 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10660 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
11630 /	DEF AT local marker foram increase	DEF AT 4
12200 /	DEF AT poor sample interval top	DEF AT 4
12440 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
12829 /	DEF AT poor sample interval bottom	DEF AT 4
12830 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14030 /	DEF AT sample gap top	POS AT 3
14300 /	DEF AT sample gap bottom	DEF AT 3
15980 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 68	<b>Date of Summary:</b> 25-APR-1980	<b>First Sample Examined:</b> 8000
<b>Lease Number:</b> 00526	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13453
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13183
<b>API Well Number:</b> 177004033400	<b>Drilling Operator:</b> TRANSOCEAN OIL INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8000 - 13423	<b>Water Depth:</b> 33
<b>Public Info Code:</b> Y 11-JUN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7996	DEF AT first sample examined	DEF IN 3
8480 / 8475	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
10850 /10725	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12020 /11828	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
12380 /12170	DEF AT sample gap top	POS AT 3
12530 /12313	DEF AT sample gap bottom	POS AT 3
12980 /12740	DEF AT sample gap top	POS AT 3
13040 /12797	DEF AT sample gap bottom	POS AT 3
13423 /13155	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 69	Date of Summary: 12-MAY-1979	First Sample Examined: 6300
Lease Number: G02126	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16527
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 16527
API Well Number: 177002010700	Drilling Operator: CONOCO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 6300 - 16500	Water Depth: 34
Public Info Code: Y 31-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6300 /	DEF AT first sample examined	POS AT 2
6960 /	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7110 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
8670 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9180 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
10170 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11130 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13110 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
16500 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 71	Date of Summary: 13-MAY-1986	First Sample Examined: 0
Lease Number: 00244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17536
Well Name: 023	Paleo Done By: OPERATOR	Borehole TVD: 16341
API Well Number: 177004040500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 15-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11955 /10812	POS IN Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 91	Date of Summary: 06-MAY-1985	First Sample Examined: 0
Lease Number: G04387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11231
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10268
API Well Number: 177004068400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 04-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7760 / 7013	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9890 / 8988	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10160 / 9243	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 91	Date of Summary: 17-JAN-1983	First Sample Examined: 0
Lease Number: G04387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13975
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12593
API Well Number: 177004048400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 04-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7520 / 6958	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
8000 / 7387	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
9919 / 9063	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
10190 / 9308	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
12471 / 11315	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0
12830 / 11617	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 101	Date of Summary: 12-SEP-1988	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12952
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 12093
API Well Number: 177004027900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 24-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9640 / 8918	POS AT Lower (Early) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 102	<b>Date of Summary:</b> 30-MAR-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00247	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 18943
<b>Well Name:</b> 011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18943
<b>API Well Number:</b> 177004045000	<b>Drilling Operator:</b> SUPERIOR OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 39
<b>Public Info Code:</b> Y 13-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12880 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
18770 /	POS AT deepwater facies Planulina	DEF AT 0
18870 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 102	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19586
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 19586
API Well Number: 177004049700	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 16-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13960 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
14840 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 102	Date of Summary: 22-JUL-1982	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18830
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 18730
API Well Number: 177004050000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 25-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13740 /13644	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 102	Date of Summary: 29-NOV-1982	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18035
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 18035
API Well Number: 177004052200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 02-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13530 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 102	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17652
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 17652
API Well Number: 177004051900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 01-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13710 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 102	Date of Summary: 15-FEB-1990	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17595
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 17595
API Well Number: 177004052700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 15-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9054 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
13695 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 108	<b>Date of Summary:</b> 14-JUN-1989	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G06570	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13300
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13299
<b>API Well Number:</b> 177004077800	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7000 - 13300	<b>Water Depth:</b> 42
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	DEF IN 2
7210 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7240 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7300 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7600 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9520 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10240 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10390 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12490 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13300 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 110	<b>Date of Summary:</b> 10-DEC-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00081	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15834
<b>Well Name:</b> 010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15834
<b>API Well Number:</b> 177004025000	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 43
<b>Public Info Code:</b> Y 17-AUG-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12360 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 118	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: 00757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9240
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9240
API Well Number: 177004062900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 14-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
6888 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7260 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
8974 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 118	Date of Summary: 27-AUG-1987	First Sample Examined: 0
Lease Number: 00757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9240
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9240
API Well Number: 177004062900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 14-SEP-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7218 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 118	Date of Summary: 30-AUG-1990	First Sample Examined: 0
Lease Number: 00757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9240
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9240
API Well Number: 177004062900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 14-SEP-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6972 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
7033 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 153	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G04756	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10312
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10003
API Well Number: 177004060800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 29-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6180	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 153	Date of Summary: 14-MAR-1988	First Sample Examined: 0
Lease Number: G04756	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7964
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7963
API Well Number: 177004062000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 29-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5008 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5909 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
7065 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 157	Date of Summary: 19-JAN-1990	First Sample Examined: 0
Lease Number: G09410	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11748
API Well Number: 177014021600	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8232 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
10105 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
10693 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 0
11342 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0
11505 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 165	Date of Summary: 04-JAN-1984	First Sample Examined: 0
Lease Number: 00758	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10250
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 10250
API Well Number: 177004043300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8035 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9070 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 166	Date of Summary: 30-OCT-1990	First Sample Examined: 0
Lease Number: G09399	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14921
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13939
API Well Number: 177004082300	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 10-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10749 /10470	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11900 /11441	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
13684 /12925	POS IN Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 167	<b>Date of Summary:</b> 01-FEB-1973	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G09400	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16200
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16200
<b>API Well Number:</b> 177004056400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 24-FEB-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8680 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11090 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11330 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12110 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
16210 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 167	<b>Date of Summary:</b> 20-MAY-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09400	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16200
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16200
<b>API Well Number:</b> 177004056400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 24-FEB-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8680 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
11330 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12110 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 170	<b>Date of Summary:</b> 02-FEB-1981	<b>First Sample Examined:</b> 8970
<b>Lease Number:</b> G04085	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17500
<b>API Well Number:</b> 177004043900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8970 - 17500	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 13-FEB-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 /	DEF AT first sample examined	DEF AT 0
9240 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9635 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10265 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
12605 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
12875 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
12965 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
13445 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
17500 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 170	<b>Date of Summary:</b> 24-OCT-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04085	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17500
<b>API Well Number:</b> 177004043900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 13-FEB-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12605 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
12965 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
13445 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 170	Date of Summary: 24-SEP-1982	First Sample Examined: 9477
Lease Number: G04085	Source of Paleo: OPERATOR	Borehole MD: 14870
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 14604
API Well Number: 177004055700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 9477 - 14847	Water Depth: 39
Public Info Code: Y 11-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9477 / 9352	DEF AT first sample examined	DEF AT 0
9700 / 9565	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13156 /12901	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
14171 /13907	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
14847 /14581	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 176	<b>Date of Summary:</b> 17-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00762	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11344
<b>Well Name:</b> 009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10953
<b>API Well Number:</b> 177004063500	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 50
<b>Public Info Code:</b> Y 06-NOV-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5489 / 5489	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5835 / 5835	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
6165 / 6165	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6801 / 6797	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7331 / 7300	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7931 / 7860	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8467 / 8339	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9378 / 9150	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10795 / 10448	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 176	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: 00762	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13746
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 13316
API Well Number: 177004058200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 10-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5485 / 5485	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
5831 / 5831	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
6161 / 6161	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
6795 / 6795	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0
7311 / 7311	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7860 / 7860	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
8332 / 8332	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9135 / 9135	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10386 / 10377	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 180	Date of Summary: 10-APR-1995	First Sample Examined: 0
Lease Number: 00763	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9800
Well Name: G004	Paleo Done By: OPERATOR	Borehole TVD: 8364
API Well Number: 177004030600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 18-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3823	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
5240 / 4591	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
6800 / 5899	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 188	Date of Summary: 17-FEB-1988	First Sample Examined: 4600
Lease Number: G06573	Source of Paleo: OPERATOR	Borehole MD: 14100
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14078
API Well Number: 177004074100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4600 - 14100	Water Depth: 52
Public Info Code: Y 07-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4600	DEF AT first sample examined	DEF AT 2
5550 / 5550	DEF AT faunal change (no faunal increase)	DEF AT 3
5850 / 5850	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6090 / 6090	DEF AT faunal change (no faunal increase)	DEF AT 2
6460 / 6460	DEF AT faunal change (no faunal increase)	DEF AT 3
7150 / 7149	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7720 / 7719	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9250 / 9247	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9400 / 9396	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
9820 / 9816	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10030 / 10025	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
13120 / 13112	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
14100 / 14078	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 188	Date of Summary: 12-JUN-1989	First Sample Examined: 6000
Lease Number: G06573	Source of Paleo: OPERATOR	Borehole MD: 11510
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11504
API Well Number: 177004078400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 6000 - 11462	Water Depth: 53
Public Info Code: Y 07-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8267 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8628 /	DEF AT local marker (general)	DEF AT 3
9243 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
9598 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9883 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11462 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 188	Date of Summary: 08-DEC-1989	First Sample Examined: 0
Lease Number: G06573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11510
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11504
API Well Number: 177004078400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 07-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9243 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9883 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 189	Date of Summary: 23-AUG-1988	First Sample Examined: 0
Lease Number: G09401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8516
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8516
API Well Number: 177004076100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 30-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8180 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 192	Date of Summary: 20-MAY-1985	First Sample Examined: 0
Lease Number: G04757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177004055500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 05-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7280 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 192	Date of Summary: 20-MAY-1985	First Sample Examined: 0
Lease Number: G04757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177004057700	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 05-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6830 /	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 201	Date of Summary: 08-FEB-1983	First Sample Examined: 3055
Lease Number: 00764	Source of Paleo: OPERATOR	Borehole MD: 10100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9264
API Well Number: 177004059400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3055 - 10100	Water Depth: 60
Public Info Code: Y 26-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3055 / 2926	DEF AT first sample examined	DEF AT 2
4785 / 4452	DEF AT -----	DEF AT 3
4795 / 4462	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4920 / 4578	DEF AT -----	DEF AT 2
5595 / 5206	DEF AT -----	DEF AT 3
5780 / 5376	DEF AT -----	DEF AT 2
7525 / 6925	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7785 / 7156	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8295 / 7610	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8420 / 7722	DEF AT -----	DEF AT 2
8945 / 8196	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
9160 / 8392	DEF AT -----	DEF AT 3
9375 / 8589	DEF AT -----	DEF AT 4
9680 / 8872	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10100 / 9264	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 201	<b>Date of Summary:</b> 12-MAR-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00764	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14400
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14394
<b>API Well Number:</b> 177004083200	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 26-JUN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13402 /13396	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14162 /14156	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 202	Date of Summary: 29-JAN-1992	First Sample Examined: 0
Lease Number: G05182	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12600
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12499
API Well Number: 177004062100	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 09-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9750 / 9743	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0
11130 / 11115	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16369
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14192
<b>API Well Number:</b> 177004032500	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 58
<b>Public Info Code:</b> Y 13-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 / 4610	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5360 / 5359	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
5690 / 5674	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
6410 / 6283	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7340 / 7027	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7520 / 7173	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
7610 / 7247	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
7640 / 7272	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8390 / 7892	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8630 / 8092	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9800 / 9016	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9980 / 9156	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
10340 / 9439	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
11680 / 10569	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 23-JAN-1979	First Sample Examined: 5170
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16369
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14192
API Well Number: 177004032500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 4	Sample Range: 5170 - 16350	Water Depth: 58
Public Info Code: Y 13-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5170	DEF AT first sample examined	DEF AT 1
5320 / 5319	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5350 / 5349	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5650 / 5637	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
6340 / 6227	DEF AT -----	DEF AT 1
6341 / 6228	POS AT -----	DEF AT 2
6490 / 6346	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7430 / 7100	DEF AT -----	DEF AT 2
7610 / 7247	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8320 / 7834	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8350 / 7859	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8620 / 8084	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8650 / 8109	DEF AT -----	DEF AT 3
8800 / 8233	DEF AT -----	DEF AT 2
9880 / 9078	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10060 / 9218	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11680 / 10569	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12970 / 11543	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13090 / 11630	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
13720 / 12091	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
15405 / 13352	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
16350 / 14175	DEF AT last sample examined	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 23-JAN-1979	First Sample Examined: 14430
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16369
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14192
API Well Number: 177004032500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 3 of 4	Sample Range: 14430 - 16350	Water Depth: 58
Public Info Code: Y 13-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14430 /12616	DEF AT first sample examined	DEF AT 3
14431 /12616	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
15210 /13204	DEF AT local marker foram increase	DEF AT 3
15810 /13685	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
15960 /13820	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
16350 /14175	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 08-MAR-1979	First Sample Examined: 16070
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16369
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14192
API Well Number: 177004032500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 4 of 4	Sample Range: 16070 - 16370	Water Depth: 58
Public Info Code: Y 13-MAR-1989	Ecozone Eq MMS:	Paleo ID: 004

Remark: Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16070 /13922	POS AT first sample examined	DEF AT 0
16071 /13923	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
16100 /13950	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 27-APR-1983	First Sample Examined: 340
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14793
API Well Number: 177004059800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 340 - 14800	Water Depth: 55
Public Info Code: Y 11-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
340 /	DEF AT first sample examined	DEF AT 0
341 /	DEF AT non-marine sediment	DEF AT 0
1480 /	DEF AT sample gap top	DEF AT 0
3039 /	DEF AT sample gap bottom	DEF AT 0
3040 /	DEF AT shell fragments	DEF AT 1
3760 /	DEF AT sample gap top	DEF AT 0
4499 /	DEF AT sample gap bottom	DEF AT 0
4500 /	DEF AT cement	DEF AT 1
4590 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5160 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5580 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6330 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7830 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7980 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8460 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8910 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9030 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9090 /	DEF AT local marker foram increase	DEF AT 3
9270 /	DEF AT oxidized shale	DEF AT 0
9271 /	POS AT unconformity	DEF AT 0
9330 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 27-APR-1983	First Sample Examined: 340
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14793
API Well Number: 177004059800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 340 - 14800	Water Depth: 55
Public Info Code: Y 11-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10550 /	DEF AT limestone	DEF AT 0
10551 /	POS AT unconformity	DEF AT 0
10730 /	DEF AT limestone	DEF AT 0
10731 /	POS AT unconformity	DEF AT 0
11180 /	DEF AT limestone	DEF AT 0
11181 /	POS AT unconformity	DEF AT 0
11210 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11420 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11900 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
12290 /	DEF AT gray shale	DEF AT 3
12860 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13490 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
13970 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14420 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14600 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14800 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 14-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14800
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14793
<b>API Well Number:</b> 177004059800	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 11-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5160 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1 (climbing)	DEF AT 0
6810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7830 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8460 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8910 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9330 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11420 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12860 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13970 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 01-JUN-1978	First Sample Examined: 170
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14895
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14335
API Well Number: 177004025300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 170 - 14880	Water Depth: 60
Public Info Code: Y 05-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
170 / 170	DEF AT first sample examined	DEF AT 1
171 / 171	DEF AT non-marine sediment	DEF AT 1
4520 / 4508	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
4730 / 4708	DEF AT local marker foram decrease	DEF AT 1
5330 / 5268	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
5360 / 5296	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
5420 / 5352	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5840 / 5740	DEF AT local marker foram increase	DEF AT 1
6170 / 6035	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6980 / 6756	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7400 / 7130	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8300 / 7931	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8360 / 7984	DEF AT -----	DEF AT 2
8480 / 8091	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8810 / 8387	POS AT local marker foram decrease	POS AT 1
9320 / 8850	DEF AT local marker foram increase	DEF AT 1
9321 / 8851	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 1
9530 / 9046	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
9800 / 9304	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10250 / 9738	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10460 / 9941	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10700 / 10173	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 01-JUN-1978	<b>First Sample Examined:</b> 170
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14895
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14335
<b>API Well Number:</b> 177004025300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 79
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 170 - 14880	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 05-AUG-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10910 /10377	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11660 /11115	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
11870 /11324	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12020 /11473	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
12560 /12012	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
13610 /13062	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
14360 /13807	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
14880 /14320	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 15-FEB-1980	First Sample Examined: 3600
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14925
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 14033
API Well Number: 177004041800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 14470	Water Depth: 60
Public Info Code: Y 10-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3593	DEF AT first sample examined	DEF AT 1
3900 / 3880	DEF AT local marker (general)	DEF AT 1
4380 / 4330	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
4560 / 4492	DEF AT sample gap top	DEF AT 0
4650 / 4569	DEF AT sample gap bottom	DEF AT 0
4680 / 4595	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4830 / 4723	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5490 / 5287	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5491 / 5288	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5640 / 5416	DEF AT - - - - -	DEF AT 1
5700 / 5468	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6030 / 5753	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7230 / 6805	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7500 / 7043	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7650 / 7176	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8550 / 7967	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8670 / 8071	DEF AT - - - - -	DEF AT 2
8940 / 8307	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9240 / 8573	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10020 / 9268	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10980 / 10131	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11850 / 10975	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 15-FEB-1980	First Sample Examined: 3600
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14925
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 14033
API Well Number: 177004041800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 14470	Water Depth: 60
Public Info Code: Y 10-MAR-1990	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11940 /11064	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12000 /11124	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12180 /11303	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12420 /11542	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
13320 /12439	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14070 /13187	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
14470 /13585	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 30-NOV-1980	First Sample Examined: 1100
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 13386
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13219
API Well Number: 177004040001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1100 - 13370	Water Depth: 60
Public Info Code: Y 11-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 / 1100	DEF AT first sample examined	DEF AT 1
3800 / 3716	DEF AT local marker (general)	DEF AT 1
4610 / 4520	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4730 / 4640	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5360 / 5269	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5510 / 5419	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5630 / 5539	DEF AT -----	DEF AT 1
5810 / 5719	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5960 / 5869	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6860 / 6769	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6980 / 6889	DEF AT -----	DEF AT 1
7100 / 7009	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7490 / 7399	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7640 / 7549	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
7970 / 7879	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8270 / 8179	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8840 / 8749	DEF AT -----	DEF AT 1
8900 / 8809	DEF AT -----	DEF AT 2
9080 / 8989	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9140 / 9049	DEF AT -----	DEF AT 1
9200 / 9109	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
9350 / 9259	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 30-NOV-1980	First Sample Examined: 1100
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 13386
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13219
API Well Number: 177004040001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1100 - 13370	Water Depth: 60
Public Info Code: Y 11-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9860 / 9769	DEF AT -----	DEF AT 1
10220 /10129	DEF AT -----	DEF AT 2
10280 /10189	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11180 /11089	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11210 /11118	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11270 /11178	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11390 /11298	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11840 /11748	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11900 /11808	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12800 /12707	POS AT deepwater facies Harang	DEF AT 3
13310 /13215	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 03-JUN-1980	First Sample Examined: 4540
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 13406
API Well Number: 177004042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 6	Sample Range: 4540 - 10690	Water Depth: 57
Public Info Code: Y 01-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4540 / 4540	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4720 / 4720	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5260 / 5253	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5350 / 5340	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5770 / 5736	DEF AT -----	DEF AT 1
6130 / 6050	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6140 / 6058	DEF AT sample gap top	POS AT 1
7000 / 6697	DEF AT sample gap bottom	DEF AT 2
7090 / 6766	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7600 / 7159	DEF AT -----	DEF AT 1
7900 / 7394	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8200 / 7633	DEF AT sample gap top	POS AT 1
8620 / 7974	DEF AT sample gap bottom	DEF AT 1
8650 / 7999	DEF AT -----	DEF AT 2
8830 / 8147	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9130 / 8397	DEF AT sample gap top	POS AT 2
9370 / 8600	DEF AT sample gap bottom	DEF AT 2
9550 / 8752	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9970 / 9106	DEF AT local marker foram increase	DEF AT 2
10000 / 9131	POS AT -----	DEF AT 3
10060 / 9181	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10690 / 9700	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 03-JUN-1980	First Sample Examined: 4520
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 13406
API Well Number: 177004042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 6	Sample Range: 4520 - 15290	Water Depth: 57
Public Info Code: Y 01-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 / 4520	DEF AT first sample examined	DEF AT 1
4550 / 4550	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4640 / 4640	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5270 / 5263	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5271 / 5264	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5480 / 5465	DEF AT - - - - -	DEF AT 1
6140 / 6058	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7130 / 6796	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7700 / 7237	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8660 / 8007	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8990 / 8279	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9260 / 8507	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9530 / 8735	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9980 / 9114	DEF AT - - - - -	DEF AT 3
10040 / 9164	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10160 / 9264	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10460 / 9511	DEF AT sample gap top	DEF AT 0
10670 / 9683	DEF AT sample gap bottom	DEF AT 0
10700 / 9708	DEF AT - - - - -	DEF AT 2
11450 / 10326	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11990 / 10783	DEF AT - - - - -	DEF AT 3
12740 / 11471	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 03-JUN-1980	<b>First Sample Examined:</b> 4520
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14800
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13406
<b>API Well Number:</b> 177004042600	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 6	<b>Sample Range:</b> 4520 - 15290	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 01-JAN-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12890 /11611	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
13220 /11923	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
13250 /11951	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
13340 /12036	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14480 /13106	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
15260 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 27-JUN-1980	<b>First Sample Examined:</b> 11960
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14800
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13406
<b>API Well Number:</b> 177004042600	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 3 of 6	<b>Sample Range:</b> 11960 - 13130	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 01-JAN-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:** Report=sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11960 /10757	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
12050 /10837	POS AT deepwater facies Cyclammina	DEF AT 2
12410 /11166	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12710 /11443	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
13100 /11809	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 10-JUL-1980	First Sample Examined: 3700
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 13406
API Well Number: 177004042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 4 of 6	Sample Range: 3700 - 10550	Water Depth: 57
Public Info Code: Y 01-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3700	POS AT Pleistocene	DEF AT 1
4550 / 4550	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4610 / 4610	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5270 / 5263	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5271 / 5264	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5450 / 5437	DEF AT - - - - -	DEF AT 1
5870 / 5825	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6140 / 6058	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7070 / 6750	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7790 / 7308	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8330 / 7738	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8510 / 7884	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8750 / 8081	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9410 / 8634	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9440 / 8659	POS AT deepwater facies Listerella fauna	DEF AT 2
9950 / 9089	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10130 / 9239	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10520 / 9560	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 07-JAN-1981	First Sample Examined: 13130
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 13406
API Well Number: 177004042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 5 of 6	Sample Range: 13130 - 14800	Water Depth: 57
Public Info Code: Y 01-JAN-1991	Ecozone Eq MMS:	Paleo ID: 005

Remark: Report=sidetrack 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13130 /11838	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14060 /12712	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14270 /12909	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14720 /13332	POS AT deepwater facies Pontchartrain	DEF AT 3
14800 /13407	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 06-JUN-1984	First Sample Examined: 0
Lease Number: G02832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14800
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 13406
API Well Number: 177004042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 6 of 6	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 01-JAN-1991	Ecozone Eq MMS:	Paleo ID: 006

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4610 / 4610	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5270 / 5263	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
7070 / 6750	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7790 / 7308	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8510 / 7884	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8750 / 8081	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9410 / 8634	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10130 / 9239	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
14060 / 12712	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 22-SEP-1980	First Sample Examined: 3900
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14515
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13764
API Well Number: 177004044000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 420 - 14515	Water Depth: 60
Public Info Code: Y 08-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3825	POS AT Pleistocene	POS AT 1
4500 / 4316	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4800 / 4566	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5580 / 5230	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
5581 / 5231	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
6450 / 5984	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7290 / 6733	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7530 / 6951	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8460 / 7779	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
8580 / 7887	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8730 / 8026	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9480 / 8752	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9720 / 8990	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9900 / 9168	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10470 / 9737	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10650 / 9917	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11130 / 10397	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
11280 / 10547	POS AT reefal material	DEF AT 3
11281 / 10548	POS AT drilling material	DEF AT 3
12330 / 11596	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12840 / 12103	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12930 / 12193	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 22-SEP-1980	<b>First Sample Examined:</b> 3900
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14515
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13764
<b>API Well Number:</b> 177004044000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 420 - 14515	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 08-OCT-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13050 /12311	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14040 /13293	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14515 /13766	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 15-JAN-1981	First Sample Examined: 3690
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14950
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14431
API Well Number: 177004045300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 3	Sample Range: 335 - 14910	Water Depth: 57
Public Info Code: Y 04-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3539	DEF AT shell fragments	DEF AT 1
4500 / 4287	DEF AT local marker (general)	DEF AT 1
4770 / 4536	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4800 / 4564	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5910 / 5601	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
6000 / 5685	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6450 / 6108	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7110 / 6728	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7200 / 6812	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8040 / 7604	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8760 / 8285	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8940 / 8457	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9180 / 8684	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9360 / 8858	DEF AT -----	DEF AT 1
9780 / 9271	DEF AT -----	DEF AT 2
10110 / 9599	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10620 / 10107	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11010 / 10497	DEF AT -----	DEF AT 3
11280 / 10766	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12210 / 11696	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12510 / 11995	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12900 / 12384	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 15-JAN-1981	<b>First Sample Examined:</b> 3690
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14950
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14431
<b>API Well Number:</b> 177004045300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 119
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 335 - 14910	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 04-MAR-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14670 /14152	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 13-FEB-1981	First Sample Examined: 14320
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14950
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14431
API Well Number: 177004045300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 2 of 3	Sample Range: 14320 - 14970	Water Depth: 57
Public Info Code: Y 04-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14320 /13803	DEF AT first sample examined	DEF AT 3
14970 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: G02832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14950
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14431
API Well Number: 177004045300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 04-MAR-1991	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4770 / 4536	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4771 / 4537	POS AT Pliocene	DEF AT 0
4772 / 4538	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7200 / 6812	POS AT Upper (Late) Miocene	DEF AT 0
7201 / 6813	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7202 / 6814	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10620 /10107	POS AT Middle Miocene	DEF AT 0
10621 /10108	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 19-JUN-1981	First Sample Examined: 4000
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 17150
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 16691
API Well Number: 177004046700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 3	Sample Range: 1060 - 14890	Water Depth: 57
Public Info Code: Y 12-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3872	DEF AT first sample examined	DEF AT 1
4660 / 4474	DEF AT -----	DEF AT 2
4720 / 4528	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4900 / 4690	DEF AT -----	DEF AT 1
5380 / 5122	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
5440 / 5177	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
5500 / 5231	DEF AT -----	DEF AT 2
5560 / 5285	DEF AT -----	DEF AT 1
5890 / 5585	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6310 / 5966	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7060 / 6658	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7150 / 6743	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8050 / 7628	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8560 / 8137	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9040 / 8617	DEF AT -----	DEF AT 3
9280 / 8857	DEF AT -----	DEF AT 2
9850 / 9426	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9970 / 9546	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
10810 / 10386	DEF AT -----	DEF AT 3
11080 / 10655	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12040 / 11612	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12190 / 11761	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 19-JUN-1981	First Sample Examined: 4000
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 17150
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 16691
API Well Number: 177004046700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 3	Sample Range: 1060 - 14890	Water Depth: 57
Public Info Code: Y 12-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12880 /12448	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
13960 /13525	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14260 /13825	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14650 /14214	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
14890 /14454	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 19-JUN-1981	First Sample Examined: 14630
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 17150
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 16691
API Well Number: 177004046700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 2 of 3	Sample Range: 14630 - 17150	Water Depth: 57
Public Info Code: Y 12-JUL-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14630 /14194	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
14720 /14284	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
16100 /15656	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
17000 /16543	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
17150 /16691	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: G02832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17150
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 16691
API Well Number: 177004046700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 12-JUL-1991	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 / 6743	POS AT Upper (Late) Miocene	DEF AT 0
7151 / 6744	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7152 / 6745	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9850 / 9426	POS AT Middle Miocene	DEF AT 0
9851 / 9427	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 08-OCT-1981	First Sample Examined: 3910
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16185
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 14412
API Well Number: 177004048000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 3	Sample Range: 330 - 16185	Water Depth: 57
Public Info Code: Y 27-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3471	DEF AT first sample examined	DEF AT 1
5170 / 4446	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5310 / 4559	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6030 / 5142	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6150 / 5241	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6390 / 5437	DEF AT -----	DEF AT 1
7140 / 5998	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7320 / 6132	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7321 / 6132	DEF AT local marker foram increase	DEF AT 1
7950 / 6615	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
8190 / 6806	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8700 / 7230	DEF AT drilling material	DEF AT 1
8910 / 7409	DEF AT -----	DEF AT 2
9060 / 7539	DEF AT -----	DEF AT 1
9150 / 7618	DEF AT -----	DEF AT 2
9180 / 7644	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9510 / 7933	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9570 / 7986	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10260 / 8604	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10350 / 8686	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10590 / 8908	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
11010 / 9299	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2

**This report contains public paleo reports only for the time period stated**

UNITED STATES DEPARTMENT OF THE INTERIOR  
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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 08-OCT-1981	First Sample Examined: 3910
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16185
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 14412
API Well Number: 177004048000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 3	Sample Range: 330 - 16185	Water Depth: 57
Public Info Code: Y 27-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11160 / 9439	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
12240 /10481	DEF AT - - - - -	DEF AT 3
12270 /10511	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
12600 /10839	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
13620 /11857	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13830 /12067	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
13980 /12217	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
15750 /13986	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
15990 /14226	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 08-OCT-1981	First Sample Examined: 14680
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16185
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 14412
API Well Number: 177004048000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 2 of 3	Sample Range: 14680 - 16180	Water Depth: 57
Public Info Code: Y 27-NOV-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14680 /12916	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
15520 /13756	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
15910 /14146	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
15940 /14176	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 22-JUL-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16185
<b>Well Name:</b> B003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14412
<b>API Well Number:</b> 177004048000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 120
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 27-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 4446	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5171 / 4447	POS AT Pliocene	DEF AT 0
5172 / 4448	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8190 / 6806	POS AT Upper (Late) Miocene	DEF AT 0
8191 / 6807	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8192 / 6808	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11010 / 9299	POS AT Middle Miocene	DEF AT 0
11011 / 9300	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 26-JAN-1982	First Sample Examined: 7210
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 14740
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 14242
API Well Number: 177004050100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 3	Sample Range: 1020 - 14800	Water Depth: 57
Public Info Code: Y 21-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7210 / 6866	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7810 / 7430	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8410 / 7991	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8710 / 8273	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10210 / 9718	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
11710 / 11214	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
12190 / 11694	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
12310 / 11813	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 0
13210 / 12713	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
13870 / 13373	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 25-FEB-1982	First Sample Examined: 0
Lease Number: G02832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14740
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 14242
API Well Number: 177004050100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 119
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 21-JAN-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7810 / 7430	POS AT Upper (Late) Miocene	DEF AT 0
7811 / 7431	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7812 / 7432	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10210 / 9718	POS AT Middle Miocene	DEF AT 0
10211 / 9719	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 14-JAN-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14740
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14242
<b>API Well Number:</b> 177004050100	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 119
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 21-JAN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 / 6809	POS AT Upper (Late) Miocene	DEF AT 0
7151 / 6810	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7152 / 6811	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9220 / 8758	POS AT Middle Miocene	DEF AT 0
9221 / 8759	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 31-AUG-1979	First Sample Examined: 300
Lease Number: G03496	Source of Paleo: OPERATOR	Borehole MD: 13750
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13022
API Well Number: 177004038300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 13750	Water Depth: 57
Public Info Code: Y 02-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	POS AT 1
990 / 990	DEF AT faunal change (no faunal increase)	DEF AT 1
3030 / 3030	DEF AT faunal change (no faunal increase)	DEF AT 1
4410 / 4410	DEF AT sample gap top	POS AT 1
4600 / 4600	DEF AT sample gap bottom	DEF AT 1
4630 / 4630	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5350 / 5335	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
6010 / 5936	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7090 / 6826	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7180 / 6898	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7540 / 7190	DEF AT local marker foram increase	DEF AT 2
7570 / 7214	DEF AT local marker foram decrease	DEF AT 1
8500 / 7984	DEF AT local marker foram increase	DEF AT 2
8560 / 8034	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8860 / 8288	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 2
10120 / 9423	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10810 / 10091	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
10930 / 10210	DEF AT local marker foram increase	DEF AT 3
11680 / 10957	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11740 / 11017	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12250 / 11525	DEF AT local marker foram increase	DEF AT 3
12310 / 11584	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 31-AUG-1979	First Sample Examined: 300
Lease Number: G03496	Source of Paleo: OPERATOR	Borehole MD: 13750
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13022
API Well Number: 177004038300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 13750	Water Depth: 57
Public Info Code: Y 02-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13390 /12662	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 07-DEC-1979	First Sample Examined: 300
Lease Number: G03496	Source of Paleo: OPERATOR	Borehole MD: 13505
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12714
API Well Number: 177004040000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 13500	Water Depth: 60
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
1020 / 1020	DEF AT sample gap top	POS AT 1
4200 / 3965	DEF AT sample gap bottom	DEF AT 1
4260 / 4021	POS AT faunal change (no faunal increase)	DEF AT 1
4800 / 4517	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5880 / 5503	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
5881 / 5504	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
6180 / 5772	DEF AT faunal change (no faunal increase)	DEF AT 2
6300 / 5880	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6330 / 5907	DEF AT faunal change (no faunal increase)	DEF AT 1
7380 / 6836	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7770 / 7177	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7920 / 7309	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8190 / 7548	DEF AT faunal change (no faunal increase)	DEF AT 1
8580 / 7894	DEF AT faunal change (no faunal increase)	DEF AT 2
8670 / 7974	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9000 / 8270	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9360 / 8599	DEF AT sample gap top	POS AT 2
9810 / 9029	DEF AT sample gap bottom	DEF AT 2
9840 / 9058	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10070 / 9284	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10400 / 9612	DEF AT faunal change (no faunal increase)	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 205	Date of Summary: 07-DEC-1979	First Sample Examined: 300
Lease Number: G03496	Source of Paleo: OPERATOR	Borehole MD: 13505
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12714
API Well Number: 177004040000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 300 - 13500	Water Depth: 60
Public Info Code: Y 16-DEC-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10440 / 9652	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11700 /10910	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
12060 /11270	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12120 /11330	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12510 /11720	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
13500 /12709	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 208	Date of Summary: 02-FEB-1988	First Sample Examined: 0
Lease Number: G08404	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17850
API Well Number: 177004073200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8460 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8760 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
9380 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11560 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 0
11680 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
12580 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13600 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
14440 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
14670 /	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
16410 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 0
17010 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
17400 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 210	Date of Summary: 12-FEB-1990	First Sample Examined: 0
Lease Number: G09404	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6998
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6997
API Well Number: 177004080300	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 10-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 /	POS AT Pliocene	DEF AT 0
6887 /	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 211	Date of Summary: 05-OCT-1981	First Sample Examined: 300
Lease Number: G04392	Source of Paleo: OPERATOR	Borehole MD: 13944
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13944
API Well Number: 177004048300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 300 - 13880	Water Depth: 51
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF AT 1
3600 /	DEF AT shell fragments	DEF AT 1
4730 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4940 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5540 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5541 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
5900 /	DEF AT -----	DEF AT 1
6080 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6710 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6890 /	DEF AT -----	DEF AT 2
7040 /	DEF AT -----	DEF AT 1
7280 /	DEF AT -----	DEF AT 2
7310 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7460 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8000 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8090 /	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8270 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8900 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9590 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
9950 /	POS AT -----	DEF AT 1
10010 /	DEF AT -----	DEF AT 2
10160 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 211	<b>Date of Summary:</b> 05-OCT-1981	<b>First Sample Examined:</b> 300
<b>Lease Number:</b> G04392	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13944
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13944
<b>API Well Number:</b> 177004048300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 300 - 13880	<b>Water Depth:</b> 51
<b>Public Info Code:</b> Y 24-JAN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10910 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11000 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11330 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12290 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12560 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13220 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 211	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G04392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13944
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13944
API Well Number: 177004048300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4730 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4731 /	POS AT Pliocene	DEF AT 0
4732 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7460 /	POS AT Upper (Late) Miocene	DEF AT 0
7461 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7462 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8900 /	POS AT Middle Miocene	DEF AT 0
8901 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 211	Date of Summary: 29-JAN-1982	First Sample Examined: 4500
Lease Number: G04392	Source of Paleo: OPERATOR	Borehole MD: 12629
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12629
API Well Number: 177004050500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 3	Sample Range: 300 - 11760	Water Depth: 51
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT 1
4650 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4860 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5430 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
5460 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
6480 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7050 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7110 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7170 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7410 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8100 /	DEF AT - - - - -	DEF AT 2
8220 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8610 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8760 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9300 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9570 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9810 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10500 /	DEF AT - - - - -	DEF AT 3
11130 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11160 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11310 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11760 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 211	Date of Summary: 29-JAN-1982	First Sample Examined: 10900
Lease Number: G04392	Source of Paleo: OPERATOR	Borehole MD: 12629
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12629
API Well Number: 177004050500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 3	Sample Range: 10900 - 12640	Water Depth: 51
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 /	POS AT first sample examined	DEF AT 3
10901 /	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10902 /	POS IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
11110 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11140 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11230 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12070 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12220 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12340 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12640 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 211	Date of Summary: 31-MAR-1982	First Sample Examined: 0
Lease Number: G04392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12629
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12629
API Well Number: 177004050500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 110
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
4650 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4651 /	POS AT Pliocene	DEF AT 0
4652 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7170 /	POS AT Upper (Late) Miocene	DEF AT 0
7171 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7172 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 07-JUN-1983	First Sample Examined: 1003
Lease Number: G04392	Source of Paleo: OPERATOR	Borehole MD: 14739
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 13069
API Well Number: 177004055400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1003 - 14739	Water Depth: 53
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1003 / 1003	DEF AT first sample examined	DEF AT 1
5050 / 4596	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5200 / 4724	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5710 / 5170	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
7690 / 6903	DEF AT -----	DEF AT 2
8080 / 7232	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8830 / 7849	POS AT local marker foram increase	DEF AT 2
8890 / 7899	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9940 / 8771	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10180 / 8974	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10700 / 9410	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
12130 / 10603	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
12550 / 10983	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12670 / 11094	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12850 / 11262	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
13150 / 11544	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14110 / 12468	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14200 / 12554	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14738 / 13069	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
14739 / 13070	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 15-NOV-1983	First Sample Examined: 8040
Lease Number: G04392	Source of Paleo: OPERATOR	Borehole MD: 13829
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 13375
API Well Number: 177004063100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13829	Water Depth: 53
Public Info Code: Y 24-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8040 / 7726	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8400 / 8053	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8700 / 8322	DEF AT local marker foram increase	DEF AT 2
8850 / 8458	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9060 / 8648	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9750 / 9299	DEF AT local marker foram increase	DEF AT 2
10380 / 9925	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
11120 /10664	DEF AT local marker foram increase	DEF AT 3
11121 /10665	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11360 /10904	DEF AT Eggerella sp. (local marker)	DEF AT 3
11420 /10964	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
11690 /11234	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11720 /11264	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11750 /11294	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11840 /11384	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12200 /11744	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12410 /11954	DEF AT local marker foram increase	DEF AT 3
13130 /12674	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13160 /12704	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13370 /12914	DEF AT - - - - -	DEF AT 2
13760 /13304	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 16-JUN-1982	First Sample Examined: 4200
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14570
API Well Number: 177004051700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 300 - 13350	Water Depth: 54
Public Info Code: Y 15-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 /	DEF AT first sample examined	POS AT 1
4200 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4530 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4620 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5160 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
5161 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
5190 /	DEF AT local marker foram increase	DEF AT 2
5250 /	DEF AT sample gap top	POS AT 2
5370 /	DEF AT sample gap bottom	DEF AT 2
5640 /	POS AT faunal change (no faunal increase)	DEF AT 1
5970 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
6060 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6750 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
6751 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7050 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7170 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7680 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
7710 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
7890 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8610 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8790 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9180 /	DEF AT local marker foram decrease	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 16-JUN-1982	First Sample Examined: 4200
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14570
API Well Number: 177004051700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 300 - 13350	Water Depth: 54
Public Info Code: Y 15-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
9330 /	DEF AT local marker foram increase	DEF AT 2
9360 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9600 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9900 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10080 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10860 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11460 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11520 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11580 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12180 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12750 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12930 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13350 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 16-JUN-1982	First Sample Examined: 10000
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14570
API Well Number: 177004051700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 10000 - 14570	Water Depth: 54
Public Info Code: Y 15-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	POS AT 3
10001 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	POS AT 3
10150 /	DEF AT local marker foram increase	POS AT 3
10810 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10870 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10930 /	DEF AT local marker foram decrease	DEF AT 3
11440 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11620 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11920 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12160 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12460 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12730 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12910 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13810 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
14570 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 10-AUG-1982	First Sample Examined: 8500
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13038
API Well Number: 177004054400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 3	Sample Range: 8500 - 10162	Water Depth: 53
Public Info Code: Y 12-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 7576	DEF AT first sample examined	DEF AT 2
9070 / 8125	DEF AT pyrite	DEF AT 2
9100 / 8155	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9250 / 8302	POS AT local marker foram decrease	DEF AT 2
9550 / 8598	DEF AT local marker foram increase	DEF AT 2
9610 / 8658	DEF AT sample gap top	POS AT 2
9729 / 8775	DEF AT sample gap bottom	DEF AT 2
9730 / 8776	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10162 / 9205	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 31-OCT-1982	First Sample Examined: 10080
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13038
API Well Number: 177004054400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 2 of 3	Sample Range: 10080 - 13780	Water Depth: 53
Public Info Code: Y 12-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 / 9123	DEF AT first sample examined	DEF AT 2
10260 / 9302	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
10320 / 9361	DEF AT local marker foram increase	DEF AT 2
10680 / 9720	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10980 /10020	DEF AT sample gap top	POS AT 2
11109 /10149	DEF AT sample gap bottom	DEF AT 2
11110 /10150	DEF AT local marker foram increase	DEF AT 2
11290 /10330	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11770 /10810	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11800 /10839	DEF AT sample gap top	POS AT 3
11950 /10989	DEF AT sample gap bottom	DEF AT 3
12010 /11049	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12070 /11109	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12220 /11259	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12460 /11499	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12610 /11649	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12970 /12009	DEF AT faunal change (no faunal increase)	DEF AT 2
13030 /12069	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
13150 /12189	DEF AT faunal change (no faunal increase)	DEF AT 3
13180 /12219	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13270 /12309	DEF AT local marker foram decrease	DEF AT 3
13300 /12339	DEF AT local marker foram increase	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 31-OCT-1982	First Sample Examined: 10080
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13038
API Well Number: 177004054400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 2 of 3	Sample Range: 10080 - 13780	Water Depth: 53
Public Info Code: Y 12-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13360 /12399	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13690 /12729	DEF AT local marker foram decrease	DEF AT 1
13780 /12819	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 31-OCT-1982	First Sample Examined: 13330
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13038
API Well Number: 177004054400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 3 of 3	Sample Range: 13330 - 13990	Water Depth: 53
Public Info Code: Y 12-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 3; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13330 /12369	DEF AT first sample examined	DEF AT 2
13990 /13029	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 11-MAR-1983	First Sample Examined: 4440
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 13139
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 12884
API Well Number: 177004058700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 300 - 13139	Water Depth: 53
Public Info Code: Y 09-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 / 4415	DEF AT first sample examined	DEF AT 1
4580 / 4545	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4610 / 4573	DEF AT -----	DEF AT 2
4700 / 4657	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4760 / 4713	DEF AT -----	DEF AT 1
5060 / 4995	POS AT local marker foram increase	DEF AT 2
5420 / 5338	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
7070 / 6917	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8660 / 8439	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8700 / 8477	DEF AT -----	DEF AT 3
8900 / 8669	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10040 / 9790	DEF AT sample gap top	DEF AT 0
10280 / 10029	DEF AT sample gap bottom	DEF AT 0
10760 / 10508	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10790 / 10538	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11030 / 10777	DEF AT sample gap top	DEF AT 0
11329 / 11076	DEF AT sample gap bottom	DEF AT 0
11330 / 11077	DEF IN deepwater facies Cyclammina	DEF AT 3
11331 / 11078	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11570 / 11316	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11660 / 11406	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12050 / 11796	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 11-MAR-1983	First Sample Examined: 4440
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 13139
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 12884
API Well Number: 177004058700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 300 - 13139	Water Depth: 53
Public Info Code: Y 09-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13100 /12845	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13139 /12884	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 23-AUG-1983	First Sample Examined: 8400
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 17220
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 13556
API Well Number: 177004061700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1050 - 17220	Water Depth: 53
Public Info Code: Y 08-SEP-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 6499	DEF AT first sample examined	DEF AT 1
8401 / 6500	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 1
8700 / 6718	DEF AT sample gap top	POS AT 1
8999 / 6934	DEF AT sample gap bottom	DEF AT 1
9000 / 6935	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9900 / 7560	DEF AT faunal change (no faunal increase)	DEF AT 2
10080 / 7678	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10140 / 7717	DEF AT local marker foram increase	DEF AT 3
10200 / 7756	POS AT faunal change (no faunal increase)	DEF AT 2
10290 / 7814	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
11520 / 8646	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
11990 / 8991	DEF AT cement	POS AT 2
12180 / 9133	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
12300 / 9224	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
13350 / 10051	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
13950 / 10554	DEF AT sample gap top	DEF AT 3
14100 / 10686	DEF AT sample gap bottom	DEF AT 3
15150 / 11646	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
15420 / 11893	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
15510 / 11978	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
15900 / 12343	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
17176 / 13518	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 212	Date of Summary: 23-AUG-1983	First Sample Examined: 8400
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 17220
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 13556
API Well Number: 177004061700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1050 - 17220	Water Depth: 53
Public Info Code: Y 08-SEP-1993	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17220 /13558	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 23-DEC-1980	First Sample Examined: 4000
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 10573
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10565
API Well Number: 177004044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 4000 - 9160	Water Depth: 59
Public Info Code: Y 06-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 2
4570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4750 /	DEF AT -----	DEF AT 2
5350 /	DEF AT -----	DEF AT 3
6730 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6970 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7690 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7870 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8170 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
8350 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8800 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9160 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 23-DEC-1980	First Sample Examined: 8000
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 10573
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10565
API Well Number: 177004044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 8000 - 10510	Water Depth: 59
Public Info Code: Y 06-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF AT 3
8420 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8840 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9460 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10510 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 25-MAR-1981	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10573
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10565
API Well Number: 177004044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 06-NOV-1990	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8840 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9460 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 12-FEB-1980	First Sample Examined: 800
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11397
API Well Number: 177004041900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 800 - 11300	Water Depth: 60
Public Info Code: Y 07-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	DEF AT first sample examined	DEF AT 1
1070 /	DEF AT -----	DEF AT 2
2060 /	DEF AT -----	DEF AT 1
3680 /	DEF AT -----	DEF AT 2
4520 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4790 /	DEF AT -----	DEF AT 2
5270 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6710 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6830 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7040 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7790 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8330 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8780 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9440 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10640 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
11300 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11400
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11397
API Well Number: 177004041900	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 07-MAR-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7040 /	POS AT Upper (Late) Miocene	DEF AT 0
7041 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7790 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8330 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9440 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10640 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 215	<b>Date of Summary:</b> 27-JUN-1980	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> G04087	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12032
<b>Well Name:</b> A002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11500
<b>API Well Number:</b> 177004042300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3000 - 12000	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 25-JUL-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2922	DEF AT first sample examined	DEF AT 2
4650 / 4480	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4800 / 4622	DEF AT -----	DEF AT 2
6600 / 6333	DEF AT -----	DEF AT 3
6930 / 6649	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7380 / 7081	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8130 / 7794	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8280 / 7939	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8910 / 8545	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9210 / 8830	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9870 / 9456	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10350 / 9911	DEF AT cement	DEF AT 4
11130 / 10647	DEF IN Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
12000 / 11471	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 04-SEP-1980	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12032
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177004042300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 25-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6930 / 6649	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8280 / 7939	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8910 / 8545	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11705
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11378
API Well Number: 177004042301	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 09-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7010 / 6727	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7310 / 7017	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7610 / 7308	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8060 / 7749	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8660 / 8340	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9170 / 8845	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9710 / 9383	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
10460 / 10132	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 05-MAY-1980	First Sample Examined: 3160
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 11535
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11500
API Well Number: 177004042400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3160 - 11500	Water Depth: 60
Public Info Code: Y 21-MAY-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3160 / 3128	DEF AT first sample examined	DEF AT 2
4720 / 4605	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4810 / 4690	DEF AT faunal change (no faunal increase)	DEF AT 2
5470 / 5317	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6580 / 6379	DEF AT faunal change (no faunal increase)	DEF AT 3
6880 / 6667	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7240 / 7014	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7900 / 7662	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8440 / 8199	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8950 / 8708	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9490 / 9248	DEF AT cement	POS AT 4
9820 / 9577	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10780 / 10532	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
11500 / 11248	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 20-AUG-1982	First Sample Examined: 4700
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 9934
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9670
API Well Number: 177004055300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 2	Sample Range: 4700 - 9920	Water Depth: 60
Public Info Code: Y 12-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4700 / 4697	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5240 / 5237	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6830 / 6820	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7160 / 7131	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7820 / 7726	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8150 / 8026	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8390 / 8245	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8900 / 8713	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9530 / 9296	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9920 / 9659	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 16-JAN-1984	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9934
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9670
API Well Number: 177004055300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 120
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 12-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6830 / 6820	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7160 / 7131	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7820 / 7726	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8390 / 8245	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8900 / 8713	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 29-APR-1983	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10230
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9898
API Well Number: 177004056500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 20-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7160 / 6839	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7820 / 7493	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8390 / 8061	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8900 / 8569	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9530 / 9198	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 05-FEB-1982	First Sample Examined: 4240
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 11776
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11363
API Well Number: 177004051200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 3	Sample Range: 4240 - 11720	Water Depth: 60
Public Info Code: Y 24-FEB-1992	Ecozone Eq MMS:	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4240 / 4240	DEF AT first sample examined	DEF AT 2
4570 / 4570	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4930 / 4930	DEF AT -----	DEF AT 2
6220 / 6207	DEF AT -----	DEF AT 3
6760 / 6703	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7180 / 7079	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8020 / 7840	DEF AT sample gap top	DEF AT 0
8319 / 8114	DEF AT sample gap bottom	DEF AT 0
8320 / 8115	DEF AT -----	DEF AT 3
8680 / 8450	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9100 / 8844	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9380 / 9106	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10730 / 10366	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
11720 / 11303	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 30-MAR-1982	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11776
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 11363
API Well Number: 177004051200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 24-FEB-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9025 / 8773	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11776
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 11363
API Well Number: 177004051200	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 117
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 24-FEB-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9025 / 8773	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11433 / 11031	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 215	<b>Date of Summary:</b> 30-APR-1982	<b>First Sample Examined:</b> 5040
<b>Lease Number:</b> G04087	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12071
<b>Well Name:</b> A008	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11229
<b>API Well Number:</b> 177004053600	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5040 - 10140	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 19-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Revised report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 / 4844	DEF AT first sample examined	DEF AT 2
5550 / 5307	DEF AT - - - - -	DEF AT 3
6990 / 6594	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7410 / 6972	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8700 / 8136	DEF AT local marker (general)	DEF AT 3
8940 / 8351	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9480 / 8832	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10140 / 9443	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 21-MAY-1982	First Sample Examined: 5040
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 12071
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11229
API Well Number: 177004053600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 3	Sample Range: 5040 - 11970	Water Depth: 60
Public Info Code: Y 19-JUN-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: Revised report

MD / TVD	Paleo Top Description	Ecozone
5040 / 4844	DEF AT first sample examined	DEF AT 2
5550 / 5307	DEF AT - - - - -	DEF AT 3
6990 / 6594	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7410 / 6972	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8700 / 8136	DEF AT local marker (general)	DEF AT 3
8940 / 8351	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9480 / 8832	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10140 / 9443	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11370 / 10581	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
11970 / 11138	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12071
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 11229
API Well Number: 177004053600	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 117
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 19-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6990 / 6594	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7410 / 6972	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8940 / 8351	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 0
9480 / 8832	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10140 / 9443	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11370 / 10581	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 26-NOV-1982	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11910
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 9521
API Well Number: 177004053300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 14-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 6672	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8070 / 7025	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
10640 / 8687	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11400 / 9193	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 30-MAR-1982	First Sample Examined: 4500
Lease Number: G04087	Source of Paleo: OPERATOR	Borehole MD: 11950
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11517
API Well Number: 177004052600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 4500 - 11910	Water Depth: 60
Public Info Code: Y 21-APR-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4388	DEF AT first sample examined	DEF AT 2
4710 / 4587	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6480 / 6276	DEF AT - - - - -	DEF AT 3
7090 / 6853	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7530 / 7272	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7980 / 7702	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8310 / 8019	DEF AT local marker foram increase	DEF AT 4
8700 / 8394	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
9240 / 8914	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9930 / 9578	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11460 / 11055	DEF IN Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
11910 / 11491	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 215	<b>Date of Summary:</b> 30-MAY-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04087	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11950
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11517
<b>API Well Number:</b> 177004052600	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 21-APR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4710 / 4587	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7090 / 6853	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7530 / 7272	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7980 / 7702	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
8700 / 8394	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9240 / 8914	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
9930 / 9578	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
11460 / 11055	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 215	Date of Summary: 20-MAY-1983	First Sample Examined: 0
Lease Number: G04087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8916
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 8829
API Well Number: 177004059600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 22-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 / 6538	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7080 / 7071	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7830 / 7794	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8100 / 8052	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 0
8390 / 8329	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 217	Date of Summary: 05-AUG-1991	First Sample Examined: 12020
Lease Number: G11772	Source of Paleo: OPERATOR	Borehole MD: 17815
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17806
API Well Number: 177004083300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 12020 - 17910	Water Depth: 60
Public Info Code: Y 23-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12020 /12019	DEF AT first sample examined	DEF AT 3
12410 /12409	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12950 /12949	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13550 /13549	DEF AT faunal change (no faunal increase)	DEF AT 4
13880 /13879	DEF AT faunal change (no faunal increase)	DEF AT 3
13910 /13909	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14720 /14718	DEF AT faunal change (no faunal increase)	DEF AT 4
15080 /15077	DEF AT faunal change (no faunal increase)	DEF AT 3
15110 /15107	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
15410 /15407	DEF AT faunal change (no faunal increase)	DEF AT 2
15830 /15826	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
16010 /16006	DEF AT faunal change (no faunal increase)	DEF AT 3
16280 /16275	DEF AT faunal change (no faunal increase)	DEF AT 2
16610 /16604	DEF AT faunal change (no faunal increase)	DEF AT 3
17910 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 227	Date of Summary: 18-APR-1990	First Sample Examined: 0
Lease Number: G07607	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6992
API Well Number: 177004081200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 10-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4554 / 4387	POS IN Pliocene	DEF AT 0
7700 / 6907	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 230	Date of Summary: 07-JAN-1988	First Sample Examined: 0
Lease Number: G05294	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9200
API Well Number: 177004074600	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 236	<b>Date of Summary:</b> 21-FEB-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05183	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7900
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7796
<b>API Well Number:</b> 177004070700	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 74
<b>Public Info Code:</b> Y 11-MAR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 / 7049	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 236	Date of Summary: 25-FEB-1986	First Sample Examined: 0
Lease Number: G05183	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7670
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7489
API Well Number: 177004070900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 11-MAR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7274 / 7113	POS IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 237	Date of Summary:	First Sample Examined: 0
Lease Number: G02833	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14096
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11590
API Well Number: 177004025900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 119
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 04-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 4547	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
6460 / 5720	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 237	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02833	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14096
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11590
<b>API Well Number:</b> 177004025900	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 119
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 70
<b>Public Info Code:</b> Y 04-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3502 / 3438	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
3989 / 3821	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
5196 / 4751	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 237	<b>Date of Summary:</b> 30-JUL-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02833	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14096
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11590
<b>API Well Number:</b> 177004025900	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 119
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 70
<b>Public Info Code:</b> Y 04-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 / 3502	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
4207 / 3990	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
5780 / 5196	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 237	Date of Summary:	First Sample Examined: 0
Lease Number: G02833	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7427
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6969
API Well Number: 177004031400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 01-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5174 / 4947	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 06-JUN-1984	First Sample Examined: 0
Lease Number: G02834	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 177004049100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 04-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4900 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
5170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5800 /	DEF AT local marker foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 31-JAN-1978	First Sample Examined: 1040
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9752
API Well Number: 177004027400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1040 - 10480	Water Depth: 69
Public Info Code: Y 20-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1040	DEF AT first sample examined	DEF AT 1
1041 / 1041	DEF AT non-marine sediment	DEF AT 0
4160 / 4160	DEF AT local marker foram decrease	DEF AT 1
4220 / 4220	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4780 / 4780	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
4870 / 4870	DEF AT shell fragments	DEF AT 1
4960 / 4959	DEF AT sample gap top	POS AT 1
4990 / 4989	DEF AT sample gap bottom	DEF AT 1
5020 / 5019	DEF AT faunal change (no faunal increase)	DEF AT 1
5080 / 5079	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5081 / 5080	DEF AT sample gap top	POS AT 1
5320 / 5316	DEF AT sample gap bottom	DEF AT 1
5350 / 5346	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5530 / 5522	DEF AT shell fragments	DEF AT 1
5950 / 5927	DEF AT sample gap top	POS AT 1
6010 / 5984	DEF AT sample gap bottom	DEF AT 1
6040 / 6012	POS IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6130 / 6096	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6190 / 6152	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6430 / 6371	DEF AT faunal change (no faunal increase)	DEF AT 1
6910 / 6791	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7150 / 6993	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 31-JAN-1978	First Sample Examined: 1040
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9752
API Well Number: 177004027400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1040 - 10480	Water Depth: 69
Public Info Code: Y 20-MAR-1988	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7210 / 7042	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7360 / 7164	DEF AT local marker foram decrease	DEF AT 2
7480 / 7261	DEF AT local marker foram increase	DEF AT 2
7630 / 7382	DEF AT local marker foram decrease	DEF AT 1
7690 / 7430	DEF AT sample gap top	POS AT 1
7720 / 7454	DEF AT sample gap bottom	DEF AT 1
7750 / 7479	DEF AT local marker foram decrease	DEF AT 1
7840 / 7551	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8110 / 7769	DEF AT sample gap top	POS AT 1
8139 / 7792	DEF AT sample gap bottom	DEF AT 2
8140 / 7793	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
8800 / 8333	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9310 / 8763	DEF AT local marker foram increase	DEF AT 3
9340 / 8788	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9670 / 9063	DEF AT sample gap top	POS AT 3
9819 / 9186	DEF AT sample gap bottom	DEF AT 3
9820 / 9187	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9940 / 9285	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10210 / 9509	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10480 / 9735	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 31-MAR-1978	First Sample Examined: 4730
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 10572
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10124
API Well Number: 177004027401	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4730 - 10550	Water Depth: 69
Public Info Code: Y 10-MAY-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 4730	DEF AT first sample examined	DEF AT 1
4731 / 4731	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4732 / 4732	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5090 / 5086	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5240 / 5232	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5420 / 5404	DEF AT local marker foram decrease	DEF AT 1
5510 / 5489	DEF AT sample gap top	POS AT 1
5630 / 5601	DEF AT sample gap bottom	DEF AT 1
5840 / 5795	DEF AT local marker foram increase	DEF AT 1
5990 / 5932	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6169 / 6095	DEF AT local marker foram decrease	DEF AT 1
6170 / 6096	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6980 / 6821	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7460 / 7236	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7490 / 7261	DEF AT sample gap top	DEF AT 0
7520 / 7287	DEF AT local marker foram increase	DEF AT 2
8030 / 7719	DEF AT local marker foram increase	DEF AT 2
8090 / 7771	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8330 / 7982	DEF AT local marker foram increase	DEF AT 2
8600 / 8230	DEF AT local marker foram increase	DEF AT 3
8630 / 8258	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8780 / 8399	DEF AT sample gap top	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 238	<b>Date of Summary:</b> 31-MAR-1978	<b>First Sample Examined:</b> 4730
<b>Lease Number:</b> G02834	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10572
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10124
<b>API Well Number:</b> 177004027401	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4730 - 10550	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 10-MAY-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 / 8484	DEF AT sample gap bottom	DEF AT 3
9140 / 8739	DEF AT local marker foram decrease	DEF AT 3
9260 / 8852	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9680 / 9252	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9800 / 9368	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10100 / 9660	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10550 / 10102	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 238	<b>Date of Summary:</b> 12-JUL-1978	<b>First Sample Examined:</b> 4600
<b>Lease Number:</b> G02834	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12010
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11942
<b>API Well Number:</b> 177004030000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4600 - 12010	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 07-JUL-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5102	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
5320 / 5252	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6010 / 5942	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
6970 / 6902	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7010 / 6942	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7160 / 7092	DEF IN Upper Miocene (Tortonian) Cyclamina 3	DEF AT 0
9250 / 9182	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10120 /10052	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
11530 /11462	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11980 /11912	POS AT deepwater facies Harang	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 18-SEP-1978	First Sample Examined: 5120
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12692
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10631
API Well Number: 177004031500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 4	Sample Range: 5120 - 10490	Water Depth: 69
Public Info Code: Y 03-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 4774	DEF AT first sample examined	DEF AT 1
5121 / 4775	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5510 / 5072	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5600 / 5139	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6650 / 5905	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6651 / 5906	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6830 / 6040	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7670 / 6703	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
8000 / 6962	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8030 / 6984	DEF AT local marker foram increase	DEF AT 2
8031 / 6985	POS AT deepwater facies Listerella fauna	DEF AT 2
8330 / 7205	DEF AT local marker foram decrease	DEF AT 2
8870 / 7609	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9650 / 8201	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10130 / 8555	DEF AT local marker foram decrease	DEF AT 2
10280 / 8664	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10460 / 8793	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10490 / 8815	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 01-OCT-1978	First Sample Examined: 5180
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12692
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10631
API Well Number: 177004031500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 4	Sample Range: 5180 - 10390	Water Depth: 69
Public Info Code: Y 03-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5180 / 4821	DEF AT first sample examined	DEF AT 1
5181 / 4821	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5330 / 4936	DEF AT local marker benthic foram increase	DEF AT 1
5600 / 5139	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5780 / 5270	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6650 / 5905	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6860 / 6063	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7670 / 6703	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
7940 / 6917	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8000 / 6962	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8090 / 7028	DEF AT local marker foram increase	DEF AT 2
8091 / 7029	DEF AT deepwater facies Listerella fauna	DEF AT 2
8950 / 7669	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10360 / 8722	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 238	<b>Date of Summary:</b> 01-OCT-1978	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02834	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12692
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10631
<b>API Well Number:</b> 177004031500	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 03-NOV-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9265 / 7909	DEF AT cement	DEF AT 0
9266 / 7910	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9730 / 8261	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10330 / 8701	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10660 / 8939	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11170 / 9339	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11380 / 9509	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
12250 /10255	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
12610 /10563	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
12611 /10564	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12612 /10564	POS AT deepwater facies Cyclammina	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 29-JAN-1979	First Sample Examined: 9265
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12692
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10631
API Well Number: 177004031500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 4 of 4	Sample Range: 9265 - 12670	Water Depth: 69
Public Info Code: Y 03-NOV-1988	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Revised report=sidetrack 2

MD / TVD	Paleo Top Description	Ecozone
9265 / 7909	DEF AT cement	DEF AT 0
9266 / 7910	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9730 / 8261	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10330 / 8701	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10660 / 8939	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11170 / 9339	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11380 / 9509	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11950 / 9990	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
12220 /10229	DEF AT local marker foram increase	DEF AT 4
12610 /10563	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 07-MAY-1979	First Sample Examined: 1000
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12760
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9934
API Well Number: 177004032200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12760	Water Depth: 69
Public Info Code: Y 04-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 0
5530 / 4623	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6100 / 5058	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
6250 / 5182	DEF AT sample gap top	DEF AT 0
7209 / 5922	DEF AT sample gap bottom	DEF AT 0
7210 / 5923	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7510 / 6133	POS IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
7930 / 6416	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0
8680 / 6918	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9970 / 7844	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11440 / 8929	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12070 / 9409	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12190 / 9501	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0
12430 / 9684	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12760 / 9935	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 07-MAY-1979	First Sample Examined: 10810
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12760
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9934
API Well Number: 177004032200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 10810 - 12640	Water Depth: 69
Public Info Code: Y 04-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10810 / 8473	DEF AT first sample examined	DEF AT 0
10811 / 8474	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11470 / 8952	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12040 / 9387	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
12190 / 9501	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0
12520 / 9753	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
12640 / 9844	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 26-JAN-1979	First Sample Examined: 1000
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 13196
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 11268
API Well Number: 177004033900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13200	Water Depth: 69
Public Info Code: Y 31-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
1240 / 1240	DEF AT non-marine sediment	DEF AT 0
1241 / 1241	DEF AT faunal change (no faunal increase)	DEF AT 1
1540 / 1540	POS AT non-marine sediment	DEF AT 0
1840 / 1840	DEF AT shell fragments	DEF AT 1
2140 / 2140	DEF AT non-marine sediment	DEF AT 0
2141 / 2141	DEF AT faunal change (no faunal increase)	DEF AT 1
4240 / 4236	DEF AT shell fragments	DEF AT 1
4500 / 4495	DEF AT cement	DEF AT 1
4620 / 4615	DEF AT local marker foram increase	DEF AT 1
4621 / 4616	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4740 / 4735	DEF AT local marker foram increase	DEF AT 1
5040 / 5033	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5280 / 5267	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5460 / 5438	POS AT local marker foram decrease	DEF AT 1
5610 / 5577	DEF AT local marker foram increase	DEF AT 1
6060 / 5973	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6061 / 5974	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6210 / 6099	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6690 / 6503	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
7110 / 6854	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7620 / 7260	DEF AT local marker foram increase	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 26-JAN-1979	First Sample Examined: 1000
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 13196
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 11268
API Well Number: 177004033900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13200	Water Depth: 69
Public Info Code: Y 31-JAN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7563	DEF AT local marker foram increase	DEF AT 2
8190 / 7696	DEF AT local marker foram decrease	DEF AT 2
8340 / 7804	DEF AT local marker foram increase	DEF AT 2
8370 / 7826	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8460 / 7889	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9180 / 8379	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9270 / 8441	DEF AT local marker foram increase	DEF AT 2
9900 / 8881	DEF AT local marker foram increase	DEF AT 2
10020 / 8963	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10500 / 9297	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10680 / 9425	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11400 / 9932	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
12720 / 10907	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
12900 / 11048	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
13200 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 06-JUN-1979	First Sample Examined: 3600
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 10662
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9959
API Well Number: 177004037000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 960 - 10650	Water Depth: 69
Public Info Code: Y 14-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 / 960	DEF AT first sample examined	DEF AT
3600 / 3369	DEF AT shell fragments	DEF AT 1
4980 / 4503	POS AT Pleistocene	DEF AT 1
5220 / 4700	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5730 / 5112	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5820 / 5190	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6000 / 5349	DEF AT sample gap top	POS AT 2
6299 / 5625	DEF AT sample gap bottom	DEF AT 1
6300 / 5626	POS AT local marker foram decrease	POS AT 1
6660 / 5972	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
6690 / 6001	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
7530 / 6828	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7920 / 7218	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
8400 / 7697	DEF AT faunal change (no faunal increase)	DEF AT 2
8430 / 7727	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9060 / 8357	DEF AT sample gap top	POS AT 1
9390 / 8687	DEF AT sample gap bottom	DEF AT 1
9630 / 8927	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9960 / 9257	POS AT local marker (general)	DEF AT 2
9961 / 9258	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
10080 / 9377	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10590 / 9887	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 06-JUN-1979	First Sample Examined: 3600
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 10662
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9959
API Well Number: 177004037000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 960 - 10650	Water Depth: 69
Public Info Code: Y 14-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10650 / 9947	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 238	Date of Summary: 23-JUL-1979	First Sample Examined: 0
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 10870
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9978
API Well Number: 177004027402	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4450 - 10870	Water Depth: 69
Public Info Code: Y 26-JUL-1989	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4597	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5080 / 5070	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5230 / 5215	DEF AT sample gap top	DEF AT 0
5379 / 5359	DEF AT sample gap bottom	DEF AT 0
5380 / 5360	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6010 / 5952	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6100 / 6034	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6280 / 6199	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6730 / 6603	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
7120 / 6936	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8080 / 7745	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9700 / 8984	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9940 / 9173	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10150 / 9354	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10690 / 9824	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 239	Date of Summary: 20-MAR-1980	First Sample Examined: 0
Lease Number: G03965	Source of Paleo: OPERATOR	Borehole MD: 11068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177004041300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 12-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 8272	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9060 / 8383	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9210 / 8489	DEF AT -----	DEF AT 3
9300 / 8550	DEF AT -----	DEF AT 2
9480 / 8664	DEF AT -----	DEF AT 3
9600 / 8735	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9720 / 8805	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9780 / 8839	DEF AT local marker foram increase	DEF AT 3
9960 / 8938	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10020 / 8970	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10050 / 8986	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10770 / 9384	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11010 / 9535	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11070 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 239	Date of Summary: 22-SEP-1980	First Sample Examined: 4560
Lease Number: G03965	Source of Paleo: OPERATOR	Borehole MD: 14015
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12631
API Well Number: 177004041301	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4560 - 14010	Water Depth: 69
Public Info Code: Y 12-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4560	DEF AT first sample examined	DEF AT 1
5130 / 5126	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5250 / 5243	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6000 / 5941	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6030 / 5967	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6300 / 6199	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6540 / 6399	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7560 / 7245	DEF AT faunal change (no faunal increase)	DEF AT 2
7680 / 7344	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8100 / 7693	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8400 / 7945	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8700 / 8199	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
9180 / 8609	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9270 / 8687	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9510 / 8893	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9930 / 9254	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10140 / 9433	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
10440 / 9691	DEF AT deepwater facies Listerella fauna	DEF AT 3
10559 / 9793	DEF AT Eggerella 3 (local marker)	DEF AT 3
10560 / 9794	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
11280 / 10419	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11640 / 10729	DEF AT local marker foram increase	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 239	<b>Date of Summary:</b> 22-SEP-1980	<b>First Sample Examined:</b> 4560
<b>Lease Number:</b> G03965	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14015
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12631
<b>API Well Number:</b> 177004041301	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4560 - 14010	<b>Water Depth:</b> 69
<b>Public Info Code:</b> Y 12-MAR-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11641 /10730	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
12060 /11106	POS IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
12600 /11621	POS IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
13380 /12387	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13530 /12533	POS IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13890 /12884	DEF AT deepwater facies Cyclammina	DEF AT 3
14010 /13001	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 239	Date of Summary: 31-JUL-1981	First Sample Examined: 2320
Lease Number: G03965	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14005
API Well Number: 177004047700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 300 - 14000	Water Depth: 71
Public Info Code: Y 12-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2320 / 2320	DEF AT first sample examined	DEF AT 1
5170 / 5170	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5290 / 5290	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5950 / 5950	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
6010 / 6010	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
6700 / 6700	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
7690 / 7690	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7840 / 7840	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8080 / 8080	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8290 / 8290	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8410 / 8410	DEF AT faunal change (no faunal increase)	DEF AT 3
9400 / 9400	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9970 / 9970	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10900 / 10900	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10960 / 10960	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11650 / 11650	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11800 / 11800	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11950 / 11950	DEF AT faunal change (no faunal increase)	DEF AT 4
12190 / 12190	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12191 / 12191	POS AT deepwater facies Harang	DEF AT 3
12490 / 12490	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12610 / 12610	DEF AT faunal change (no faunal increase)	DEF AT 3

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End Date: 31-DEC-1993

Area Block: WC 239	Date of Summary: 31-JUL-1981	First Sample Examined: 2320
Lease Number: G03965	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14005
API Well Number: 177004047700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 300 - 14000	Water Depth: 71
Public Info Code: Y 12-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12790 /12790	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
13090 /13090	DEF AT faunal change (no faunal increase)	DEF AT 4
13630 /13630	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13900 /13900	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 239	Date of Summary: 31-AUG-1983	First Sample Examined: 9500
Lease Number: G03965	Source of Paleo: OPERATOR	Borehole MD: 13140
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11618
API Well Number: 177004052400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4730 - 13140	Water Depth: 68
Public Info Code: Y 12-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 8529	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9710 / 8700	DEF AT local marker (general)	DEF AT 2
9860 / 8821	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9890 / 8846	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10400 / 9262	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10430 / 9287	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10490 / 9336	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10520 / 9361	DEF AT local marker foram increase	DEF AT 3
10700 / 9511	POS AT deepwater facies Listerella fauna	DEF AT 3
10790 / 9587	DEF AT local marker foram increase	DEF AT 3
10970 / 9741	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
11420 / 10134	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11870 / 10524	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
12770 / 11301	DEF AT local marker foram increase	DEF AT 3
12830 / 11353	DEF AT sample gap top	DEF AT 0
13009 / 11507	DEF AT sample gap bottom	DEF AT 0
13010 / 11507	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13011 / 11508	POS AT reworked material	DEF AT 3
13100 / 11584	POS IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13130 / 11610	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 239	<b>Date of Summary:</b> 07-NOV-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03965	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13140
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11618
<b>API Well Number:</b> 177004052400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 68
<b>Public Info Code:</b> Y 12-MAR-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9890 / 8846	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10400 / 9262	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10490 / 9336	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 249	Date of Summary: 15-MAR-1978	First Sample Examined: 970
Lease Number: G03499	Source of Paleo: OPERATOR	Borehole MD: 11921
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11921
API Well Number: 177004028200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 970 - 11910	Water Depth: 80
Public Info Code: Y 19-MAR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Interim report

MD / TVD	Paleo Top Description	Ecozone
970 /	DEF AT first sample examined	DEF AT 1
4500 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4800 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5010 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
6460 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7530 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7800 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9000 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
10110 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
10260 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
11220 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 1
11910 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 249	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03499	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177004044400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 07-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 /	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 249	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03499	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5750
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 5557
API Well Number: 177004044900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 03-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5233 / 5076	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 249	Date of Summary: 13-FEB-1981	First Sample Examined: 0
Lease Number: G03499	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5738
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 5627
API Well Number: 177004045200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 22-NOV-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5204 / 5116	POS AT Pliocene	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 252	Date of Summary: 21-JUN-1984	First Sample Examined: 0
Lease Number: G05186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177004060300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5690 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7365 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G03500	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8515
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8514
API Well Number: 177004049000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 17-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5640 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6600 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7270 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
8051 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G03500	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8339
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8100
API Well Number: 177004057100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5740 / 5502	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6820 / 6582	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7120 / 6882	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 11-APR-1984	First Sample Examined: 0
Lease Number: G03500	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8448
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6726
API Well Number: 177004058100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 20-DEC-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 / 4580	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7950 / 6329	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 06-JAN-1983	First Sample Examined: 3500
Lease Number: G03500	Source of Paleo: OPERATOR	Borehole MD: 8672
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7003
API Well Number: 177004059000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 3500 - 8670	Water Depth: 80
Public Info Code: Y 01-FEB-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF IN 2
6020 / 5971	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8120 / 7610	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
8540 / 7909	DEF AT -----	DEF AT 4
8670 / 8002	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 09-DEC-1983	First Sample Examined: 0
Lease Number: G03500	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8672
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7003
API Well Number: 177004059000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 01-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5971	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8120 / 7610	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 10-MAR-1983	First Sample Examined: 3400
Lease Number: G03500	Source of Paleo: OPERATOR	Borehole MD: 9183
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6840
API Well Number: 177004059700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 3400 - 9165	Water Depth: 80
Public Info Code: Y 13-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3047	DEF AT first sample examined	DEF IN 1
4030 / 3473	DEF AT -----	DEF AT 2
5770 / 4603	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7900 / 5965	DEF AT -----	DEF AT 3
8470 / 6330	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8620 / 6434	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9165 / 6827	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 253	Date of Summary: 20-MAY-1983	First Sample Examined: 0
Lease Number: G03500	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9183
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6840
API Well Number: 177004059700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 13-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 / 4603	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8620 / 6434	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 255	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05298	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8350
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8350
<b>API Well Number:</b> 177004073700	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 172
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 77
<b>Public Info Code:</b> Y 30-JUN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7800 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 264	<b>Date of Summary:</b> 18-JAN-1978	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G03381	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11450
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11450
<b>API Well Number:</b> 177004022800	<b>Drilling Operator:</b> SUPERIOR OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3830 - 11450	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 19-OCT-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 /	DEF AT first sample examined	DEF IN 2
5880 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7350 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7950 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9150 /	DEF AT -----	DEF AT 4
11190 /	DEF AT -----	DEF AT 5
11280 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11450 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 264	Date of Summary: 08-SEP-1988	First Sample Examined: 0
Lease Number: G03381	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6740
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6518
API Well Number: 177004075500	Drilling Operator: CLIFFS OIL AND GAS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 19-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 4626	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6400 / 6196	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 266	Date of Summary: 07-AUG-1974	First Sample Examined: 5010
Lease Number: G02538	Source of Paleo: OPERATOR	Borehole MD: 10522
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10522
API Well Number: 177004012300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5010 - 10522	Water Depth: 78
Public Info Code: Y 03-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5010 /	DEF AT first sample examined	DEF IN 2
5610 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6210 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7380 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10290 /	DEF AT -----	DEF AT 5
10522 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 280 <b>Lease Number:</b> G00911 <b>Well Name:</b> B003 <b>API Well Number:</b> 177004028500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 20-MAR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10741 <b>Borehole TVD:</b> 9836 <b>Rkb Elevation:</b> 99 <b>Water Depth:</b> 90 <b>Paleo ID:</b> 001</p>
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7911 / 7423	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
8900 / 8268	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9207 / 8527	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 280	Date of Summary: 25-FEB-1998	First Sample Examined: 0
Lease Number: G00911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10820
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 10570
API Well Number: 177004029600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 04-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5989	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8080 / 7975	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9160 / 9004	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
9540 / 9365	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10350 / 10129	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 280	<b>Date of Summary:</b> 21-MAY-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G00911	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8127
<b>Well Name:</b> C001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7778
<b>API Well Number:</b> 177004027700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 08-OCT-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6184 / 5836	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6790 / 6442	DEF IN Upper Pliocene (Gelasian) Textularia crassisepa / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 280	Date of Summary: 20-JUN-1996	First Sample Examined: 0
Lease Number: G00911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11423
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 10125
API Well Number: 177004033600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 18-NOV-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5865 / 5631	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6768 / 6421	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
8508 / 7862	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 280	Date of Summary:	First Sample Examined: 0
Lease Number: G00911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10965
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 9779
API Well Number: 177004034200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 15-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 / 5789	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6710 / 6672	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
8360 / 7902	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
8710 / 8146	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 280	Date of Summary: 18-FEB-1998	First Sample Examined: 0
Lease Number: G00911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7872
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 7796
API Well Number: 177004034600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 16-JAN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5758	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7260 / 7200	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
7740 / 7666	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 280	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G03382	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13432
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12832
API Well Number: 177004052500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 11-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9205 / 9202	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0
10320 / 10272	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 281	Date of Summary: 23-OCT-1978	First Sample Examined: 760
Lease Number: G03502	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12197
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12112
API Well Number: 177004028400	Drilling Operator: NATOMAS OFFSHORE EXPLORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 760 - 12190	Water Depth: 96
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
760 / 760	DEF AT first sample examined	POS AT 2
790 / 790	POS AT local marker benthic foram increase	DEF AT 2
1030 / 1030	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4310 / 4309	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6000 / 5998	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6840 / 6837	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6900 / 6897	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 2
7070 / 7067	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 2
7130 / 7127	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7190 / 7187	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
8870 / 8865	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8930 / 8925	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9230 / 9225	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9380 / 9375	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9880 / 9875	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10340 / 10335	DEF AT faunal change (no faunal increase)	DEF AT 5
10670 / 10664	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10970 / 10964	DEF AT local marker planktic foram increase	DEF AT 5
11670 / 11664	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
11940 / 11934	DEF AT pyrite	DEF AT 5
12090 / 12084	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12190 / 12184	DEF AT last sample examined	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 281	<b>Date of Summary:</b> 01-OCT-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03502	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9090
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8450
<b>API Well Number:</b> 177004031000	<b>Drilling Operator:</b> NATOMAS OFFSHORE EXPLORATION	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 97
<b>Public Info Code:</b> Y 31-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6195 / 5750	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7324 / 6807	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8914 / 8306	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 281	Date of Summary: 01-OCT-1980	First Sample Examined: 0
Lease Number: G03502	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9303
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8051
API Well Number: 177004038900	Drilling Operator: NATOMAS OFFSHORE EXPLORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6765 / 5912	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 281	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03502	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9867
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8305
<b>API Well Number:</b> 177004039800	<b>Drilling Operator:</b> NATOMAS OFFSHORE EXPLORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 97
<b>Public Info Code:</b> Y 31-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6985 / 5853	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8480 / 7115	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 281	Date of Summary: 21-NOV-1979	First Sample Examined: 5000
Lease Number: G03502	Source of Paleo: OPERATOR	Borehole MD: 12408
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10207
API Well Number: 177004040300	Drilling Operator: NATOMAS OFFSHORE EXPLORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12380	Water Depth: 96
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4212	DEF AT first sample examined	DEF IN 2
8620 / 6727	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9340 / 7337	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
12300 / 10104	DEF AT -----	DEF AT 4
12380 / 10180	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 281	Date of Summary: 07-NOV-1980	First Sample Examined: 0
Lease Number: G03502	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8650
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7877
API Well Number: 177004040600	Drilling Operator: NATOMAS OFFSHORE EXPLORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6515 / 5872	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7555 / 6799	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 281	Date of Summary: 19-AUG-1983	First Sample Examined: 0
Lease Number: G03502	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9022
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 8315
API Well Number: 177004040800	Drilling Operator: NATOMAS OFFSHORE EXPLORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3671 / 3466	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6320 / 5858	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7970 / 7352	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 281	Date of Summary: 17-DEC-1980	First Sample Examined: 0
Lease Number: G03502	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8466
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 8014
API Well Number: 177004041700	Drilling Operator: NATOMAS OFFSHORE EXPLORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 31-DEC-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6026 / 5775	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6950 / 6657	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 282	Date of Summary: 30-JUN-1988	First Sample Examined: 0
Lease Number: G07609	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4000
API Well Number: 177004075800	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 29-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3412 /	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 288	Date of Summary: 23-OCT-1990	First Sample Examined: 9110
Lease Number: G07611	Source of Paleo: OPERATOR	Borehole MD: 16290
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14542
API Well Number: 177014023700	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 99
Paleo Report Num: 1 of 3	Sample Range: 9110 - 15680	Water Depth: 45
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9110 / 9109	DEF AT first sample examined	DEF IN 3
9620 / 9615	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11240 /11094	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
12230 /11762	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
14600 /13390	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
15680 /14110	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 288	Date of Summary: 23-OCT-1990	First Sample Examined: 15680
Lease Number: G07611	Source of Paleo: OPERATOR	Borehole MD: 16290
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14542
API Well Number: 177014023700	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 99
Paleo Report Num: 2 of 3	Sample Range: 15680 - 16290	Water Depth: 45
Public Info Code: Y 13-JAN-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15680 /14110	DEF AT first sample examined	DEF IN 3
16290 /14544	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 288	<b>Date of Summary:</b> 28-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07611	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16290
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14542
<b>API Well Number:</b> 177014023700	<b>Drilling Operator:</b> CANADIAN OCCIDENTAL OF CALIFOR	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 13-JAN-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4810 / 4809	POS AT Upper (Late) Miocene	DEF AT 0
6150 / 6149	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6970 / 6969	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
7650 / 7649	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
8500 / 8499	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11350 / 11172	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
12550 / 11993	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 289	Date of Summary: 16-AUG-1995	First Sample Examined: 0
Lease Number: G05300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14492
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14485
API Well Number: 177014014500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 02-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7695 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11790 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
14460 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 289	Date of Summary: 18-MAR-1985	First Sample Examined: 0
Lease Number: G05300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12493
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12021
API Well Number: 177014016400	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 02-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8060 / 7612	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10130 / 9659	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 289	Date of Summary: 13-AUG-1985	First Sample Examined: 0
Lease Number: G05300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14448
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14352
API Well Number: 177014016900	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 02-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7715 / 7714	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
9840 / 9838	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 291	<b>Date of Summary:</b> 18-JAN-1982	<b>First Sample Examined:</b> 8490
<b>Lease Number:</b> G04397	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14883
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14883
<b>API Well Number:</b> 177014010200	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 46
<b>Public Info Code:</b> Y 13-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10630 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
10730 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0
11770 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
14850 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 291	Date of Summary: 07-JUL-1982	First Sample Examined: 7000
Lease Number: G04397	Source of Paleo: OPERATOR	Borehole MD: 14894
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14894
API Well Number: 177014010600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 19-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8110 / 8110	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
8650 / 8650	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
10630 /10630	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 0
11570 /11569	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
13410 /13400	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 291	Date of Summary: 07-JUL-1982	First Sample Examined: 12475
Lease Number: G04397	Source of Paleo: OPERATOR	Borehole MD: 14894
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14894
API Well Number: 177014010600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 19-JUL-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12475 /12467	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0
14870 /14859	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 291	Date of Summary: 17-FEB-1987	First Sample Examined: 0
Lease Number: G04397	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14894
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14894
API Well Number: 177014010600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 19-JUL-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7344 / 7344	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 0
10100 / 10100	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11250 / 11249	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 294	Date of Summary: 23-APR-1985	First Sample Examined: 0
Lease Number: G04090	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16997
API Well Number: 177014008300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 18-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
11100 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11350 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11950 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 294	Date of Summary: 17-NOV-1983	First Sample Examined: 0
Lease Number: G04090	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12020
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10523
API Well Number: 177014008400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 28-JAN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 / 7574	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
9950 / 8695	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0
11000 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 294	Date of Summary: 25-JAN-1982	First Sample Examined: 0
Lease Number: G04090	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11327
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11059
API Well Number: 177014009500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 03-APR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9520 / 9292	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0
10612 / 10359	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 294	Date of Summary: 12-JUN-1997	First Sample Examined: 0
Lease Number: G04398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11414
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10700
API Well Number: 177014010000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 24-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9262	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 294	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G04398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11294
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10133
API Well Number: 177014010500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 05-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9639 / 8727	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10208 / 9207	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 296	Date of Summary: 15-APR-1992	First Sample Examined: 0
Lease Number: G08628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9346
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9345
API Well Number: 177014025700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5240	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
5950 / 5950	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
6460 / 6460	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 0
7360 / 7359	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
7720 / 7719	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 300	Date of Summary: 14-JUL-1992	First Sample Examined: 0
Lease Number: G08629	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13357
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13357
API Well Number: 177014025800	Drilling Operator: CANADIAN OCCIDENTAL OF CALIFOR	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 25-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5514 /	POS AT Upper (Late) Miocene	DEF AT 0
7350 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8700 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9575 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10790 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 304	Date of Summary: 29-JAN-1987	First Sample Examined: 0
Lease Number: G08405	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6960
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6351
API Well Number: 177014018100	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3822	POS AT Pliocene	DEF AT 0
6650 / 6311	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 306	Date of Summary: 09-NOV-1989	First Sample Examined: 0
Lease Number: G09360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2832
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2832
API Well Number: 177014022500	Drilling Operator: PENNZOIL SULPHUR COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sulfur test

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2467 /	DEF AT caprock/limestone	DEF AT 0
2534 /	DEF AT anhydrite	DEF AT 0
2748 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 306	Date of Summary: 22-NOV-1989	First Sample Examined: 0
Lease Number: G09360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2848
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 2848
API Well Number: 177014022600	Drilling Operator: PENNZOIL SULPHUR COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sulfur test

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2380 /	DEF AT caprock/limestone	DEF AT 0
2527 /	DEF AT anhydrite	DEF AT 0
2735 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 306	<b>Date of Summary:</b> 04-DEC-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 2792
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 2792
<b>API Well Number:</b> 177014022900	<b>Drilling Operator:</b> PENNZOIL SULPHUR COMPANY	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 53
<b>Public Info Code:</b> Y 28-MAY-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Sulfur test

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2495 /	DEF AT caprock/limestone	DEF AT 0
2657 /	DEF AT anhydrite	DEF AT 0
2671 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 314	Date of Summary: 30-DEC-1986	First Sample Examined: 0
Lease Number: G08406	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177014018200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 10-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 /	POS AT Pliocene	DEF AT 0
6540 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 317	Date of Summary: 03-JUN-1981	First Sample Examined: 4690
Lease Number: G04401	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11626
API Well Number: 177014010100	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4690 - 11680	Water Depth: 65
Public Info Code: Y 04-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4690 / 4690	DEF AT cement	DEF AT 0
4810 / 4810	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6100 / 6100	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7870 / 7870	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8080 / 8080	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8620 / 8620	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9100 / 9099	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9310 / 9309	DEF AT - - - - -	DEF AT 4
9400 / 9399	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9670 / 9669	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10810 / 10788	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11680 / 11587	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 317	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G04401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11721
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11626
API Well Number: 177014010100	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 04-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 6100	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7870 / 7870	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8080 / 8080	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8620 / 8620	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9100 / 9099	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
9670 / 9669	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
10810 / 10788	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 317	Date of Summary: 05-SEP-1984	First Sample Examined: 0
Lease Number: G04401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6013
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6013
API Well Number: 177014015500	Drilling Operator: POGO PRODUCING COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 04-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3640 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
4480 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5950 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 318	Date of Summary: 10-OCT-1991	First Sample Examined: 0
Lease Number: G09412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7438
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6460
API Well Number: 177014021200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 10-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4380 / 4170	POS AT Pliocene	DEF AT 0
6780 / 5936	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 322 <b>Lease Number:</b> G05305 <b>Well Name:</b> 001 <b>API Well Number:</b> 177014019500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-JUN-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> OPERATOR <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 14740 <b>Borehole TVD:</b> 14466 <b>Rkb Elevation:</b> 96 <b>Water Depth:</b> 65 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 6611	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7200 / 7066	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
8460 / 8243	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 0
9540 / 9232	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 0
10200 / 9846	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 0
13740 / 13255	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 329	Date of Summary: 31-JUL-1991	First Sample Examined: 0
Lease Number: G06583	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6336
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5550
API Well Number: 177014016200	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 22-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 3612	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
5100 / 4491	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6030 / 5293	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 331	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03275	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9018
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8833
<b>API Well Number:</b> 177014007000	<b>Drilling Operator:</b> TRANSOCEAN OIL INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 06-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4562 / 4458	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 331	Date of Summary: 13-AUG-1979	First Sample Examined: 1000
Lease Number: G03275	Source of Paleo: OPERATOR	Borehole MD: 9018
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8833
API Well Number: 177014007000	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 1000 - 9010	Water Depth: 75
Public Info Code: Y 06-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
5260 / 5145	DEF AT faunal change (no faunal increase)	DEF AT 3
5290 / 5174	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7690 / 7539	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9010 / 8825	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 331	Date of Summary:	First Sample Examined: 0
Lease Number: G03275	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8746
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8336
API Well Number: 177014006900	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 10-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5161 / 4856	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6487 / 6105	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7078 / 6685	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 331	Date of Summary: 20-SEP-1979	First Sample Examined: 3010
Lease Number: G03275	Source of Paleo: OPERATOR	Borehole MD: 8746
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8336
API Well Number: 177014006900	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 3010 - 8740	Water Depth: 75
Public Info Code: Y 10-OCT-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 / 2909	DEF AT first sample examined	DEF IN 2
5500 / 5162	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6880 / 6490	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7480 / 7080	DEF AT -----	DEF AT 3
8740 / 8330	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 331 <b>Lease Number:</b> G03275 <b>Well Name:</b> A004 <b>API Well Number:</b> 177014011700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 27-DEC-1992</p>	<p><b>Date of Summary:</b> 25-AUG-1997 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL OIL EXPLORATION &amp; PRODUC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8561 <b>Borehole TVD:</b> 6975 <b>Rkb Elevation:</b> 70 <b>Water Depth:</b> 40 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5175 / 4456	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 336	Date of Summary: 18-NOV-1983	First Sample Examined: 4540
Lease Number: G05309	Source of Paleo: OPERATOR	Borehole MD: 14628
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14628
API Well Number: 177014013700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4540 - 14628	Water Depth: 69
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4540 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5260 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5680 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
6190 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7060 /	DEF AT - - - - -	DEF AT 4
7420 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8440 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8770 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10570 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11950 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12010 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
12100 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
13330 /	DEF AT - - - - -	DEF AT 5
13960 /	DEF AT - - - - -	DEF AT 6
14500 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
14628 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 352 <b>Lease Number:</b> G02839 <b>Well Name:</b> A011 <b>API Well Number:</b> 177014005100 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 20-MAY-1988	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11666 <b>Borehole TVD:</b> 11028 <b>Rkb Elevation:</b> 100 <b>Water Depth:</b> 74 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7223	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 358	Date of Summary: 31-MAR-1989	First Sample Examined: 1873
Lease Number: G09414	Source of Paleo: OPERATOR	Borehole MD: 3871
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3665
API Well Number: 177014021900	Drilling Operator: FIRST ENERGY CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1873 - 3871	Water Depth: 77
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1873 / 1844	DEF AT first sample examined	DEF IN 1
2170 / 2118	DEF AT faunal change (no faunal increase)	DEF AT 2
2260 / 2200	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2470 / 2391	DEF AT faunal change (no faunal increase)	DEF AT 3
2770 / 2663	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3730 / 3538	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3871 / 3665	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 362	Date of Summary:	First Sample Examined: 4220
Lease Number: G08633	Source of Paleo: OPERATOR	Borehole MD: 9306
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9096
API Well Number: 177014023400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 4220 - 11735	Water Depth: 80
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 4220	DEF AT first sample examined	DEF AT 1
5210 / 5210	DEF AT -----	DEF AT 2
5480 / 5480	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5720 / 5719	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
5960 / 5958	DEF AT -----	DEF AT 3
8510 / 8354	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11735 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 362	Date of Summary: 20-AUG-1990	First Sample Examined: 0
Lease Number: G08633	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9306
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9096
API Well Number: 177014023400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5500	POS AT Pliocene	DEF AT 0
8990 / 8801	POS IN Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 364	<b>Date of Summary:</b> 20-MAY-1988	<b>First Sample Examined:</b> 8950
<b>Lease Number:</b> G05313	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11595
<b>API Well Number:</b> 177014020200	<b>Drilling Operator:</b> CENTURY OFFSHORE MANAGEMENT	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8950 - 13500	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 20-MAR-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8950 / 8341	DEF AT first sample examined	DEF AT 3
8951 / 8342	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9130 / 8477	DEF AT faunal change (no faunal increase)	DEF AT 4
9670 / 8882	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10900 / 9795	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11530 /10265	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
12370 /10850	DEF AT faunal change (no faunal increase)	DEF AT 5
13500 /11596	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 364	Date of Summary: 21-DEC-1990	First Sample Examined: 7010
Lease Number: G05313	Source of Paleo: OPERATOR	Borehole MD: 8622
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8612
API Well Number: 177014024500	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 84
Paleo Report Num: 1 of 3	Sample Range: 7010 - 8000	Water Depth: 80
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7001	DEF AT first sample examined	DEF IN 3
7670 / 7661	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8000 / 7990	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 364	Date of Summary: 21-DEC-1990	First Sample Examined: 7090
Lease Number: G05313	Source of Paleo: OPERATOR	Borehole MD: 8622
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8612
API Well Number: 177014024500	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 84
Paleo Report Num: 2 of 3	Sample Range: 7090 - 8650	Water Depth: 80
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 / 7081	DEF AT first sample examined	DEF IN 3
7690 / 7681	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8650 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 364	Date of Summary: 17-JAN-1991	First Sample Examined: 0
Lease Number: G05313	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8622
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8612
API Well Number: 177014024500	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 84
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 20-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7001	DEF AT first sample examined	DEF IN 3
7690 / 7681	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 365	Date of Summary: 19-JUL-1990	First Sample Examined: 7700
Lease Number: G06584	Source of Paleo: OPERATOR	Borehole MD: 11780
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11450
API Well Number: 177014023200	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 7700 - 10420	Water Depth: 75
Public Info Code: Y 10-JUN-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7699	DEF AT first sample examined	DEF IN 3
8720 / 8718	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10420 / 10274	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 367	Date of Summary: 10-MAY-1985	First Sample Examined: 0
Lease Number: G05314	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11023
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11022
API Well Number: 177014015900	Drilling Operator: TEXACO INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 02-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7549	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
10130 /10129	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10144 /10143	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 0
10850 /10849	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 370	Date of Summary: 17-JAN-1983	First Sample Examined: 0
Lease Number: G04092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8917
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8917
API Well Number: 177014011100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 06-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 5195	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 370	Date of Summary: 07-DEC-1983	First Sample Examined: 0
Lease Number: G04092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8065
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7019
API Well Number: 177014013000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 16-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by log correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6080 / 5458	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6335 / 5649	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 396	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08635	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8002
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8001
<b>API Well Number:</b> 177014024700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 79
<b>Public Info Code:</b> Y 31-JUL-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	DEF AT -----	DEF AT 1
4840 / 4840	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5110 / 5110	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5590 / 5590	DEF AT -----	DEF AT 4
5650 / 5650	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7750 / 7749	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 396	Date of Summary: 09-MAY-1991	First Sample Examined: 0
Lease Number: G08635	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8002
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8001
API Well Number: 177014024700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 31-JUL-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4840 / 4840	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5110 / 5110	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
5650 / 5650	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 398	<b>Date of Summary:</b> 03-MAR-1989	<b>First Sample Examined:</b> 3080
<b>Lease Number:</b> G08634	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9260
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7702
<b>API Well Number:</b> 177014021701	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 120
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3080 - 9260	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 31-JUL-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3080 / 3080	DEF AT first sample examined	DEF IN 1
3590 / 3587	DEF AT -----	DEF AT 2
4640 / 4499	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5540 / 5129	DEF AT -----	DEF AT 3
6380 / 5707	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6440 / 5749	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9260 / 7702	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 398	<b>Date of Summary:</b> 15-MAR-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08634	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9260
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7702
<b>API Well Number:</b> 177014021701	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 120
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 31-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 4499	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6380 / 5707	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6440 / 5749	DEF AT local marker (general)	DEF AT 0
7370 / 6403	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 398	<b>Date of Summary:</b> 22-FEB-1989	<b>First Sample Examined:</b> 3030
<b>Lease Number:</b> G08636	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7868
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7700
<b>API Well Number:</b> 177014021700	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3030 - 7850	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 31-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 3030	DEF AT first sample examined	DEF AT 1
4500 / 4500	DEF AT -----	DEF AT 2
4530 / 4530	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5730 / 5687	DEF AT -----	DEF AT 3
5760 / 5715	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5850 / 5800	DEF AT -----	DEF AT 4
5970 / 5912	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7860 / 7693	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 398	<b>Date of Summary:</b> 03-MAR-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08636	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7868
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7700
<b>API Well Number:</b> 177014021700	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 31-JUL-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5760 / 5715	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7190 / 7053	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 402	Date of Summary: 15-AUG-1990	First Sample Examined: 4120
Lease Number: G08408	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177014023000	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4120 - 8500	Water Depth: 91
Public Info Code: Y 31-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 /	DEF AT first sample examined	DEF AT 1
4121 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 1
4210 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
4600 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
4810 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
4840 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
4900 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4930 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
4990 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
5020 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
5700 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6010 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6400 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6760 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7210 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7360 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7660 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
7840 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8050 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 2
8500 /	DEF AT last sample examined	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 405	<b>Date of Summary:</b> 21-AUG-1978	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G03280	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7942
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7330
<b>API Well Number:</b> 177014005400	<b>Drilling Operator:</b> FOUR STAR OIL & GAS COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4000 - 7360	<b>Water Depth:</b> 88
<b>Public Info Code:</b> Y 31-AUG-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Depth corrected for TVD

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3821	DEF AT first sample examined	DEF IN 2
5560 / 5174	DEF AT - - - - -	DEF AT 3
5620 / 5226	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5740 / 5332	DEF AT local marker (general)	DEF AT 4
7360 / 6801	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 414	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: G05318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9751
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9751
API Well Number: 177014014300	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 22-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5600 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9600 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 414	Date of Summary: 30-JUN-1987	First Sample Examined: 0
Lease Number: G05318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10516
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177014018500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 22-OCT-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4840 / 4217	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5170 / 4466	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6100 / 5212	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 414	Date of Summary: 30-JUN-1987	First Sample Examined: 0
Lease Number: G05318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10516
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177014018500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 22-OCT-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 3761	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5170 / 4466	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6100 / 5212	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 414	Date of Summary: 30-JUN-1987	First Sample Examined: 0
Lease Number: G05318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10516
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177014018500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 81
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 22-OCT-1992	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3555	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5070 / 4390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5920 / 5065	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 415	Date of Summary: 06-DEC-1990	First Sample Examined: 0
Lease Number: G09419	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3500
API Well Number: 177014024300	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 29-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2138 / 2138	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3292 / 3292	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 417	Date of Summary: 09-JAN-1985	First Sample Examined: 1170
Lease Number: G05320	Source of Paleo: OPERATOR	Borehole MD: 11976
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11973
API Well Number: 177014016000	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 1170 - 11970	Water Depth: 97
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1170 /	DEF AT first sample examined	DEF IN 2
5340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6630 /	DEF AT -----	DEF AT 3
7860 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8220 /	DEF AT local marker (general)	DEF AT 4
9270 /	DEF AT sample gap top	DEF AT 0
9360 /	DEF AT sample gap bottom	DEF AT 0
9780 /	DEF AT -----	DEF AT 5
9930 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10050 /	DEF AT -----	DEF AT 6
10110 /	DEF AT local marker (general)	DEF AT 6
11370 /	DEF AT local marker (general)	DEF AT 6
11970 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 417	Date of Summary: 23-JAN-1985	First Sample Examined: 0
Lease Number: G05320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11973
API Well Number: 177014016000	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9930 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 425	Date of Summary: 20-APR-1983	First Sample Examined: 4250
Lease Number: G11796	Source of Paleo: OPERATOR	Borehole MD: 9221
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8484
API Well Number: 177014012800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4250 - 9217	Water Depth: 102
Public Info Code: Y 17-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4250 / 4028	DEF AT first sample examined	DEF IN 2
5810 / 5309	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6110 / 5569	DEF AT -----	DEF AT 3
6290 / 5727	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6350 / 5780	DEF AT -----	DEF AT 4
8000 / 7291	DEF AT local marker (general)	DEF AT 4
9140 / 8404	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9170 / 8433	DEF AT -----	DEF AT 6
9217 / 8479	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 425	Date of Summary: 02-NOV-1983	First Sample Examined: 4890
Lease Number: G11796	Source of Paleo: OPERATOR	Borehole MD: 8783
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6850
API Well Number: 177014013500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 4890 - 6090	Water Depth: 102
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4013	DEF AT first sample examined	DEF IN 1
5220 / 4254	POS AT - - - - -	DEF AT 2
6090 / 4862	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 425	Date of Summary: 02-NOV-1983	First Sample Examined: 5640
Lease Number: G11796	Source of Paleo: OPERATOR	Borehole MD: 8783
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6850
API Well Number: 177014013500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 5640 - 8790	Water Depth: 102
Public Info Code: Y 30-NOV-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5640 / 4558	DEF AT first sample examined	DEF AT 2
6570 / 5192	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7680 / 5964	DEF AT -----	DEF AT 3
7830 / 6085	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8665 / 6808	DEF AT -----	DEF AT 4
8790 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 425	Date of Summary: 16-NOV-1982	First Sample Examined: 4030
Lease Number: G11796	Source of Paleo: OPERATOR	Borehole MD: 7966
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7966
API Well Number: 177014012000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4030 - 7967	Water Depth: 102
Public Info Code: Y 13-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4030 / 4030	DEF IN cement	DEF AT 0
4060 / 4060	DEF AT -----	DEF IN 2
5140 / 5140	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5920 / 5920	DEF AT -----	DEF AT 3
6130 / 6130	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7420 /	DEF AT -----	DEF AT 4
7795 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7930 /	DEF AT -----	DEF AT 6
7967 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 426	<b>Date of Summary:</b> 13-JAN-1981	<b>First Sample Examined:</b> 2600
<b>Lease Number:</b> G02845	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8507
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8326
<b>API Well Number:</b> 177014009400	<b>Drilling Operator:</b> HUNT PETROLEUM (AEC) INC	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2600 - 8507	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 05-FEB-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2558	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4430 / 4308	DEF AT sample gap top	DEF AT 0
5120 / 4970	DEF AT sample gap bottom	DEF AT 0
5270 / 5112	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5930 / 5758	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6360 / 6187	DEF AT local marker (general)	DEF AT 3
7600 / 7427	DEF AT sample gap top	DEF AT 0
7690 / 7517	DEF AT sample gap bottom	DEF AT 0
7780 / 7607	DEF AT -----	DEF AT 4
8410 / 8236	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
8507 / 8333	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 426	Date of Summary: 24-OCT-1980	First Sample Examined: 1070
Lease Number: G02846	Source of Paleo: OPERATOR	Borehole MD: 8050
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7778
API Well Number: 177014009000	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 1070 - 8030	Water Depth: 100
Public Info Code: Y 17-NOV-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1070 / 1070	DEF AT first sample examined	DEF IN 2
1340 / 1340	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2600 / 2597	DEF AT sample gap top	DEF AT 0
3380 / 3376	DEF AT sample gap bottom	DEF AT 0
5090 / 5017	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5870 / 5731	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6620 / 6427	POS AT -----	DEF AT 4
7940 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
8030 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 426	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G02846	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8050
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7778
API Well Number: 177014009000	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 17-NOV-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1070 / 1070	DEF AT -----	DEF AT 2
1340 / 1340	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5090 / 5017	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6620 / 6427	DEF AT -----	DEF AT 4
7940 /	DEF AT local marker deep water fauna	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 426	Date of Summary: 05-DEC-1980	First Sample Examined: 1000
Lease Number: G02846	Source of Paleo: OPERATOR	Borehole MD: 6969
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6504
API Well Number: 177014009300	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 1000 - 6964	Water Depth: 100
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1330 / 1330	DEF AT sample gap top	DEF AT 0
1450 / 1450	DEF AT sample gap bottom	DEF AT 0
1900 / 1895	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5020 / 4716	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5830 / 5451	DEF AT - - - - -	DEF AT 3
6310 / 5892	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6964 / 6500	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 426	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G02846	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6969
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6504
API Well Number: 177014009300	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 24-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 / 1895	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5020 / 4716	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5830 / 5451	DEF AT -----	DEF AT 3
6310 / 5892	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 427	<b>Date of Summary:</b> 08-MAY-1978	<b>First Sample Examined:</b> 880
<b>Lease Number:</b> G02846	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9191
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8191
<b>API Well Number:</b> 177014004000	<b>Drilling Operator:</b> HUNT PETROLEUM (AEC) INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 880 - 8410	<b>Water Depth:</b> 99
<b>Public Info Code:</b> Y 06-JUN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
910 / 910	DEF AT -----	DEF IN 2
3580 / 3312	DEF AT sample gap top	DEF AT 0
5440 / 4859	DEF AT sample gap bottom	DEF AT 0
5590 / 4990	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6340 / 5641	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7210 / 6407	DEF AT -----	DEF AT 4
8410 / 7482	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 427	Date of Summary: 08-MAY-1978	First Sample Examined: 7898
Lease Number: G02846	Source of Paleo: OPERATOR	Borehole MD: 9191
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8191
API Well Number: 177014004000	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 7898 - 9121	Water Depth: 99
Public Info Code: Y 06-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7898 / 7031	DEF AT first sample examined	DEF AT 4
8650 / 7697	DEF AT - - - - -	DEF AT 5
8710 / 7751	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
9121 / 8123	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 442	Date of Summary: 20-JAN-1988	First Sample Examined: 0
Lease Number: G06593	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177014019700	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5380 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6340 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 450	Date of Summary: 05-DEC-1983	First Sample Examined: 4600
Lease Number: G05329	Source of Paleo: OPERATOR	Borehole MD: 7796
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7796
API Well Number: 177024078400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4600 - 7690	Water Depth: 118
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 /	DEF AT first sample examined	DEF IN 2
5230 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6730 /	DEF AT -----	DEF AT 4
7660 /	DEF AT -----	DEF AT 5
7690 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 451	Date of Summary: 07-JUN-1984	First Sample Examined: 1000
Lease Number: G05330	Source of Paleo: OPERATOR	Borehole MD: 7723
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6941
API Well Number: 177024080300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7720	Water Depth: 120
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
5360 / 4899	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5450 / 4976	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6500 / 5878	DEF AT - - - - -	DEF AT 3
6860 / 6191	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7040 / 6347	DEF AT - - - - -	DEF AT 4
7430 / 6686	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
7720 / 6939	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 455	Date of Summary: 29-OCT-1990	First Sample Examined: 0
Lease Number: G07622	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9163
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8188
API Well Number: 177024100000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 30-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 5626	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7030 / 6294	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0
9023 / 8066	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 455	Date of Summary: 23-OCT-1990	First Sample Examined: 0
Lease Number: G07622	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7848
API Well Number: 177024100400	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 30-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 / 7183	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
8960 / 7703	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 456	Date of Summary: 29-MAR-1990	First Sample Examined: 3500
Lease Number: G07623	Source of Paleo: OPERATOR	Borehole MD: 6080
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6080
API Well Number: 177024097800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3500 - 6077	Water Depth: 120
Public Info Code: Y 07-DEC-1990	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 1
3501 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 1
4460 /	DEF IN Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 1
4730 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4850 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5090 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
5450 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5570 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
5810 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5840 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
5960 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
5990 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6077 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 456	Date of Summary: 24-SEP-1990	First Sample Examined: 0
Lease Number: G07623	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6961
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6961
API Well Number: 177024100300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 07-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5240	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
6861 / 6860	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 456	Date of Summary: 03-OCT-1990	First Sample Examined: 0
Lease Number: G07623	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7152
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6745
API Well Number: 177024100301	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 07-DEC-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4270 / 4264	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 0
6710 / 6393	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 459	Date of Summary: 05-DEC-1980	First Sample Examined: 4690
Lease Number: G03383	Source of Paleo: OPERATOR	Borehole MD: 11018
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11016
API Well Number: 177024062900	Drilling Operator: CONOCO INC	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 4690 - 10980	Water Depth: 135
Public Info Code: Y 09-DEC-1990	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4690 /	DEF AT first sample examined	POS AT 1
4691 /	DEF AT cement	POS AT 1
4692 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 1
6700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7630 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9270 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10470 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10530 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10680 /	DEF AT sand	DEF AT 2
10980 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 461	Date of Summary: 07-JUL-1986	First Sample Examined: 1050
Lease Number: G07624	Source of Paleo: OPERATOR	Borehole MD: 14781
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14772
API Well Number: 177024089800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1050 - 14781	Water Depth: 125
Public Info Code: Y 31-AUG-1990	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF IN 2
1500 / 1500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4650 / 4650	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6240 / 6240	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7500 / 7500	DEF AT faunal change (no faunal increase)	DEF AT 3
8250 / 8250	DEF AT faunal change (no faunal increase)	DEF AT 4
8340 / 8340	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11070 /11067	DEF AT faunal change (no faunal increase)	DEF AT 5
11220 /11217	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11310 /11307	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12510 /12505	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
13830 /13823	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14400 /14392	DEF AT anhydrite	DEF AT 6
14781 /14772	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 463	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G04093	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177024077400	Drilling Operator: TEXAS EASTERN EXPLORATION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 22-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3870 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 464 <b>Lease Number:</b> G02545 <b>Well Name:</b> 002 <b>API Well Number:</b> 177024043100 <b>Paleo Report Num:</b> 1 of 2 <b>Public Info Code:</b> Y 18-JAN-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9018 <b>Borehole TVD:</b> 8577 <b>Rkb Elevation:</b> 83 <b>Water Depth:</b> 185 <b>Paleo ID:</b> 002</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5035 / 4917	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6085 / 5898	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 464	Date of Summary: 10-MAY-1979	First Sample Examined: 3107
Lease Number: G02545	Source of Paleo: OPERATOR	Borehole MD: 9018
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8577
API Well Number: 177024043100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 3107 - 9018	Water Depth: 185
Public Info Code: Y 18-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3107 / 3096	DEF AT first sample examined	DEF AT 2
3626 / 3589	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4915 / 4804	DEF AT local marker foram increase	DEF AT 3
5038 / 4920	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5129 / 5006	DEF AT faunal change (no faunal increase)	DEF AT 2
5585 / 5434	DEF AT cement	DEF AT 0
6020 / 5839	DEF AT faunal change (no faunal increase)	DEF AT 5
6082 / 5896	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6549 / 6321	DEF AT sample gap top	DEF AT 0
6669 / 6429	DEF AT sample gap bottom	DEF AT 0
6670 / 6430	DEF AT faunal change (no faunal increase)	DEF AT 5
6733 / 6487	DEF AT sample gap top	DEF AT 0
7039 / 6762	DEF AT sample gap bottom	DEF AT 0
7040 / 6763	DEF AT faunal change (no faunal increase)	DEF AT 5
7065 / 6785	DEF AT local marker deep water fauna	DEF AT 6
9018 / 8576	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 464	Date of Summary: 06-MAR-1979	First Sample Examined: 1230
Lease Number: G02545	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6789
Well Name: 003	Paleo Done By: JIM COOKE	Borehole TVD: 6464
API Well Number: 177024051000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1230 - 6780	Water Depth: 126
Public Info Code: Y 18-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1230 / 1230	DEF AT first sample examined	POS AT 2
1231 / 1231	DEF AT poor sample interval top	POS AT 2
1290 / 1290	DEF AT local marker (general)	DEF AT 2
1380 / 1380	DEF AT faunal change (no faunal increase)	DEF AT 3
5060 / 4847	DEF AT local marker planktic foram increase	DEF AT 3
6000 / 5728	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6030 / 5756	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6779 / 6462	DEF AT poor sample interval bottom	DEF AT 4
6780 / 6463	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 464	Date of Summary: 29-AUG-1979	First Sample Examined: 760
Lease Number: G02545	Source of Paleo: OPERATOR	Borehole MD: 6115
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5697
API Well Number: 177024058900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 760 - 6100	Water Depth: 131
Public Info Code: Y 18-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
760 / 760	DEF AT first sample examined	POS AT 2
761 / 761	DEF AT cement	POS AT 2
850 / 850	DEF AT faunal change (no faunal increase)	DEF AT 2
1370 / 1370	DEF AT sample gap top	DEF AT 0
1460 / 1460	DEF AT sample gap bottom	DEF AT 2
2305 / 2305	DEF AT sample gap top	POS AT 2
2319 / 2319	DEF AT sample gap bottom	POS AT 2
2320 / 2320	DEF AT cement	POS AT 2
2580 / 2577	DEF AT faunal change (no faunal increase)	DEF AT 2
3670 / 3594	DEF AT sample gap top	POS AT 2
4244 / 4095	DEF AT sample gap bottom	DEF AT 2
5110 / 4831	DEF AT faunal change (no faunal increase)	DEF AT 3
5467 / 5135	DEF AT faunal change (no faunal increase)	DEF AT 2
5653 / 5295	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6100 / 5684	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 464	Date of Summary: 22-MAY-1981	First Sample Examined: 2870
Lease Number: G02545	Source of Paleo: OPERATOR	Borehole MD: 10058
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7932
API Well Number: 177024066000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 2870 - 8940	Water Depth: 130
Public Info Code: Y 18-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2870 / 2365	DEF AT first sample examined	DEF AT 2
4460 / 3555	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4490 / 3578	DEF AT faunal change (no faunal increase)	DEF AT 1
6620 / 5201	DEF AT faunal change (no faunal increase)	DEF AT 3
6860 / 5387	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6950 / 5458	DEF AT faunal change (no faunal increase)	DEF AT 2
7160 / 5626	DEF AT sample gap top	POS AT 2
7189 / 5650	DEF AT sample gap bottom	POS AT 2
7190 / 5651	DEF AT cement	POS AT 2
7710 / 6097	DEF AT sample gap top	POS AT 2
7720 / 6106	DEF AT sample gap bottom	DEF AT 1
8010 / 6354	DEF AT drilling material	DEF AT 0
8940 / 7093	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 464	<b>Date of Summary:</b> 22-MAY-1981	<b>First Sample Examined:</b> 8990
<b>Lease Number:</b> G02545	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10058
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 7932
<b>API Well Number:</b> 177024066000	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 8990 - 10020	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 18-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 7131	POS AT first sample examined	DEF AT 1
10020 / 7900	POS AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 472	Date of Summary:	First Sample Examined: 3670
Lease Number: G08409	Source of Paleo: OPERATOR	Borehole MD: 10907
Well Name: A001	Paleo Done By: MICRO-STRAT	Borehole TVD: 9484
API Well Number: 177024098700	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3670 - 10907	Water Depth: 125
Public Info Code: Y 28-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3670 / 3670	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
4120 / 4120	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4150 / 4150	DEF AT - - - - -	DEF AT 2
4990 / 4986	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5050 / 5045	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7210 / 6788	DEF AT - - - - -	DEF AT 4
7330 / 6867	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8200 / 7458	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8890 / 7951	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10510 / 9179	DEF AT - - - - -	DEF AT 6
10630 / 9271	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
10907 / 9484	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 472	Date of Summary: 27-NOV-1990	First Sample Examined: 0
Lease Number: G08409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10907
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9484
API Well Number: 177024098700	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 28-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4120 / 4120	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5050 / 5045	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7330 / 6867	POS AT Pliocene	DEF AT 0
8800 / 7885	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10630 / 9271	POS AT Miocene	DEF AT 0
10850 / 9440	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 479	Date of Summary: 02-APR-1973	First Sample Examined: 3045
Lease Number: G02218	Source of Paleo: OPERATOR	Borehole MD: 6231
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6231
API Well Number: 177024009800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3045 - 6204	Water Depth: 246
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3045 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3046 /	DEF AT cement	DEF AT 0
3135 /	DEF AT -----	DEF AT 2
3555 /	DEF AT -----	DEF AT 3
3565 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3705 /	DEF AT -----	DEF AT 2
5005 /	DEF AT -----	DEF AT 3
5390 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6144 /	DEF AT local marker deep water fauna	DEF AT 6
6204 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 479	Date of Summary: 06-APR-1973	First Sample Examined: 3101
Lease Number: G02218	Source of Paleo: OPERATOR	Borehole MD: 8098
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8098
API Well Number: 177024010600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3101 - 8060	Water Depth: 137
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3101 /	DEF AT first sample examined	DEF AT 2
4560 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4811 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5032 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5625 /	DEF AT cement	POS AT 3
6015 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6837 /	DEF AT local marker deep water fauna	DEF AT 6
8060 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 479	<b>Date of Summary:</b> 28-JUN-1973	<b>First Sample Examined:</b> 4040
<b>Lease Number:</b> G02218	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12100
<b>Well Name:</b> 003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10684
<b>API Well Number:</b> 177024013200	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4040 - 12120	<b>Water Depth:</b> 135
<b>Public Info Code:</b> Y 13-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3982	DEF AT first sample examined	POS AT 2
4001 / 3983	DEF AT cement	POS AT 2
4040 / 4020	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 2
4460 / 4412	DEF AT faunal change (no faunal increase)	DEF AT 2
5090 / 4981	DEF AT faunal change (no faunal increase)	DEF AT 3
5120 / 5008	DEF AT sample gap top	POS AT 3
5500 / 5353	DEF AT sample gap bottom	DEF AT 2
6340 / 6095	POS IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
6500 / 6236	DEF AT local marker foram increase	DEF AT 5
8645 / 7959	DEF AT local marker (general)	DEF AT 6
10120 / 9168	DEF AT local marker deep water fauna	DEF AT 6
11280 / 10110	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
12120 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 479	Date of Summary: 25-OCT-1990	First Sample Examined: 4040
Lease Number: G02218	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12100
Well Name: 003	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 10684
API Well Number: 177024013200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4040 - 12150	Water Depth: 135
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 / 4020	DEF AT first sample examined	POS AT 3
4041 / 4021	DEF AT cement	POS AT 3
4970 / 4872	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5090 / 4981	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
6070 / 5858	DEF AT local marker planktic foram increase	DEF AT 3
6430 / 6175	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
6470 / 6210	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6500 / 6236	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
6503 / 6239	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
6560 / 6289	DEF AT local marker deep water fauna	DEF IN 4
6620 / 6342	DEF AT local marker benthic foram increase	DEF AT 3
6870 / 6556	DEF AT local marker planktic foram increase	DEF AT 4
6890 / 6573	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
7190 / 6819	POS AT reworked material	DEF AT 4
7250 / 6867	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
7490 / 7054	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
7580 / 7124	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
7910 / 7379	DEF AT drilling material	POS AT 4
8420 / 7779	DEF AT local marker foram decrease	DEF AT 4
8945 / 8200	DEF AT local marker deep water fauna	DEF AT 5
10210 / 9243	DEF AT local marker deep water fauna	DEF IN 6
10660 / 9622	DEF AT poor sample interval top	DEF IN 6

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 479	Date of Summary: 25-OCT-1990	First Sample Examined: 4040
Lease Number: G02218	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12100
Well Name: 003	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 10684
API Well Number: 177024013200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4040 - 12150	Water Depth: 135
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 / 9819	DEF AT sample gap top	POS IN 6
11100 / 9976	DEF AT sample gap bottom	DEF AT 6
11190 /10044	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
12149 /	DEF AT poor sample interval bottom	DEF AT 6
12150 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 479	Date of Summary: 07-AUG-1973	First Sample Examined: 1750
Lease Number: G02218	Source of Paleo: OPERATOR	Borehole MD: 4387
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4387
API Well Number: 177024013900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1750 - 4340	Water Depth: 138
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 /	DEF AT first sample examined	DEF AT 2
4340 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 479	<b>Date of Summary:</b> 13-AUG-1973	<b>First Sample Examined:</b> 3670
<b>Lease Number:</b> G02218	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6621
<b>Well Name:</b> 005	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6621
<b>API Well Number:</b> 177024014100	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3670 - 6621	<b>Water Depth:</b> 135
<b>Public Info Code:</b> Y 13-JAN-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5780 /	DEF AT -----	DEF AT 3
5840 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5990 /	DEF AT -----	DEF AT 2
6590 /	DEF AT calcite	DEF AT 0
6615 /	DEF AT calcite	DEF AT 0
6616 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6621 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 479	Date of Summary: 07-AUG-1973	First Sample Examined: 3000
Lease Number: G02218	Source of Paleo: OPERATOR	Borehole MD: 5132
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5132
API Well Number: 177024014200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3000 - 5021	Water Depth: 135
Public Info Code: Y 13-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT 2
4710 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5021 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 479	<b>Date of Summary:</b> 25-AUG-1977	<b>First Sample Examined:</b> 1520
<b>Lease Number:</b> G02218	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5467
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5467
<b>API Well Number:</b> 177024043300	<b>Drilling Operator:</b> HUNT PETROLEUM (AEC) INC	<b>Rkb Elevation:</b> 32
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1520 - 5450	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 13-JAN-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1520 /	DEF AT first sample examined	DEF IN 2
1730 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5270 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5450 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 480	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02219	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9223
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8457
<b>API Well Number:</b> 177024015700	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 141
<b>Public Info Code:</b> Y 03-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4870 / 4601	DEF AT -----	DEF AT 2
6420 / 6005	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8310 / 7666	DEF AT -----	DEF AT 4
8640 / 7954	DEF AT -----	DEF AT 5
8670 / 7981	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8760 / 8059	DEF AT -----	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 480 <b>Lease Number:</b> G02219 <b>Well Name:</b> 004 <b>API Well Number:</b> 177024016500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 03-SEP-1991</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 11586 <b>Borehole TVD:</b> 9401 <b>Rkb Elevation:</b> 81 <b>Water Depth:</b> 140 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1989	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6380 / 5441	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9049 / 7534	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
10010 / 8259	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8390
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7347
API Well Number: 177024013500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 3858	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4780 / 4343	DEF AT - - - - -	DEF AT 3
4900 / 4441	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5770 / 5156	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8390
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7347
API Well Number: 177024013500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3852 / 3597	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4334 / 3981	DEF AT - - - - -	DEF AT 3
4431 / 4059	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5147 / 4643	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 480	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02219	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9860
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8035
<b>API Well Number:</b> 177024015200	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 136
<b>Public Info Code:</b> Y 03-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3332	DEF AT -----	DEF AT 2
6471 / 5516	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8750 / 7224	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9049 / 7451	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9350 / 7680	DEF AT -----	DEF AT 5

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Start Date: 01-JAN-1988

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Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9860
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8035
API Well Number: 177024015200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3239 / 3118	DEF AT -----	DEF AT 2
5422 / 4739	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7122 / 5992	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7346 / 6161	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7658 / 6394	DEF AT -----	DEF AT 5

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 480	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02219	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7536
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7247
<b>API Well Number:</b> 177024021400	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 137
<b>Public Info Code:</b> Y 03-SEP-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6743	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
7180 / 6913	DEF AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7242
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6672
API Well Number: 177024021500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4620 / 4409	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5640 / 5275	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4956
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4698
API Well Number: 177024022600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1670 / 1636	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4730 / 4490	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4956
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4698
API Well Number: 177024022600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1632 / 1601	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4487 / 4264	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4320
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4007
API Well Number: 177024022700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 / 1624	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8060
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6857
API Well Number: 177024027900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6790=Textularia mexicana bermudezi

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3905	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5020 / 4442	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6790 / 5833	DEF AT Arenaceous fauna (local marker)	DEF AT 0
6850 / 5882	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0
7720 / 6597	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8720
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7212
API Well Number: 177024029200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 / 3944	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5189 / 4536	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8720
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7212
API Well Number: 177024029200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3931 / 3587	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4525 / 4031	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 480 <b>Lease Number:</b> G02219 <b>Well Name:</b> A009 <b>API Well Number:</b> 177024024500 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 03-SEP-1991</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 7914 <b>Borehole TVD:</b> 7478 <b>Rkb Elevation:</b> 109 <b>Water Depth:</b> 136 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 / 4084	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
5940 / 5424	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6510 / 5939	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5966
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 4788
API Well Number: 177024034200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1510 / 1470	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4900 / 4003	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6603
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 5238
API Well Number: 177024026600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1148 / 1148	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4011 / 3772	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4725 / 4239	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5179 / 4488	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12280
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 9097
API Well Number: 177024025300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1590 / 1588	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5700 / 4721	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 480	Date of Summary:	First Sample Examined: 0
Lease Number: G02219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8348
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 7197
API Well Number: 177024021501	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-SEP-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 / 5603	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 483	Date of Summary: 15-NOV-1985	First Sample Examined: 0
Lease Number: G05334	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9725
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9725
API Well Number: 177024088500	Drilling Operator: CONOCO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9650 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 487	Date of Summary: 03-JUN-1976	First Sample Examined: 1130
Lease Number: G02847	Source of Paleo: OPERATOR	Borehole MD: 10523
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9334
API Well Number: 177024034100	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1130 - 10480	Water Depth: 138
Public Info Code: Y 22-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 / 1130	DEF AT first sample examined	DEF AT 2
1370 / 1370	DEF AT sample gap top	POS AT 2
2209 / 2194	DEF AT sample gap bottom	DEF AT 2
2210 / 2195	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4460 / 4214	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4810 / 4522	DEF AT faunal change (no faunal increase)	DEF AT 2
6430 / 5944	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7120 / 6549	DEF AT faunal change (no faunal increase)	DEF AT 2
8740 / 7900	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9010 / 8116	DEF AT faunal change (no faunal increase)	DEF AT 2
10480 / 9315	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 487	Date of Summary: 26-JUL-1991	First Sample Examined: 0
Lease Number: G02847	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13349
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11278
API Well Number: 177024102300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 22-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8550 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
12640 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 487	Date of Summary: 06-NOV-1975	First Sample Examined: 4240
Lease Number: G02847	Source of Paleo: OPERATOR	Borehole MD: 9680
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9040
API Well Number: 177024029400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4240 - 9670	Water Depth: 144
Public Info Code: Y 22-JAN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4240 / 4087	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4420 / 4249	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4990 / 4762	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5320 / 5057	DEF AT - - - - -	DEF AT 2
6580 / 6177	DEF AT local marker (general)	DEF AT 3
8230 / 7694	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8290 / 7749	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8710 / 8135	DEF AT cement	DEF AT 0
9100 / 8491	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9460 / 8830	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9670 / 9035	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary:	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5506
API Well Number: 177024045900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 161
Public Info Code: Y 17-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3464	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4990 / 4393	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 29-MAY-1979	First Sample Examined: 1000
Lease Number: G03520	Source of Paleo: OPERATOR	Borehole MD: 6292
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5510
API Well Number: 177024055700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 1000 - 6250	Water Depth: 155
Public Info Code: Y 20-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1480 / 1474	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4090 / 3694	DEF AT poor sample interval top	DEF AT 2
6249 / 5474	DEF AT poor sample interval bottom	DEF AT 2
6250 / 5475	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6292
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5510
API Well Number: 177024055700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 20-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 / 1474	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 13-APR-1979	First Sample Examined: 1100
Lease Number: G03520	Source of Paleo: OPERATOR	Borehole MD: 6051
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5393
API Well Number: 177024054100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 1100 - 5680	Water Depth: 155
Public Info Code: Y 18-APR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT cement	DEF AT 2
1400 / 1393	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1700 / 1672	DEF AT cement	DEF AT 0
2000 / 1949	DEF AT -----	DEF AT 2
2600 / 2469	DEF AT cement	DEF AT 0
3070 / 2867	DEF AT -----	DEF AT 2
4120 / 3749	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4540 / 4098	DEF AT sample gap top	DEF AT 0
5199 / 4646	DEF AT sample gap bottom	DEF AT 0
5200 / 4647	DEF AT -----	DEF AT 2
5680 / 5061	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6051
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5393
API Well Number: 177024054100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 18-APR-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1393	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4150 / 3774	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 498	<b>Date of Summary:</b> 13-APR-1979	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G03520	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4885
<b>Well Name:</b> A007	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 4582
<b>API Well Number:</b> 177024054600	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1000 - 4840	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 04-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1540 / 1537	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2530 / 2450	DEF AT cement	DEF AT 0
2740 / 2636	DEF AT -----	DEF AT 2
3970 / 3754	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4840 / 4541	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4885
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4582
API Well Number: 177024054600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 04-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1540 / 1537	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3970 / 3754	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177024047800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 07-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo is highly questionable

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2575 / 2575	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
4442 / 4442	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 19-DEC-1979	First Sample Examined: 900
Lease Number: G03520	Source of Paleo: OPERATOR	Borehole MD: 7550
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4398
API Well Number: 177024059800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 900 - 7530	Water Depth: 155
Public Info Code: Y 21-DEC-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 / 900	DEF AT first sample examined	DEF AT 2
1500 / 1492	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1620 / 1603	DEF AT - - - - -	DEF AT 2
5610 / 3516	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7530 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 498	<b>Date of Summary:</b> 23-MAR-1981	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03520	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7550
<b>Well Name:</b> A012	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4398
<b>API Well Number:</b> 177024059800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 21-DEC-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1492	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5610 / 3516	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 12-JUL-1979	First Sample Examined: 1090
Lease Number: G03520	Source of Paleo: OPERATOR	Borehole MD: 6946
Well Name: A013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5657
API Well Number: 177024056900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 1090 - 6910	Water Depth: 155
Public Info Code: Y 20-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1090 / 1089	DEF AT first sample examined	DEF AT 2
1390 / 1374	DEF AT faunal change (no faunal increase)	DEF AT 3
1510 / 1483	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1630 / 1588	DEF AT faunal change (no faunal increase)	DEF AT 2
4840 / 3992	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6160 / 5047	POS AT local marker benthic foram increase	DEF AT 2
6910 / 5629	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 22-JUN-1979	First Sample Examined: 1000
Lease Number: G03520	Source of Paleo: OPERATOR	Borehole MD: 12444
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8304
API Well Number: 177024056500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12400	Water Depth: 155
Public Info Code: Y 01-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT cement	DEF AT 0
1210 / 1208	DEF IN cement	DEF AT 2
1420 / 1414	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2440 / 2329	DEF AT sample gap top	DEF AT 0
3189 / 2888	DEF AT sample gap bottom	DEF AT 0
3190 / 2889	DEF AT -----	DEF AT 2
4681 / 3743	DEF AT cement	DEF AT 0
4900 / 3861	DEF AT -----	DEF AT 2
4990 / 3910	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8950 / 6393	DEF AT cement	DEF AT 0
9490 / 6717	DEF AT -----	DEF AT 2
11800 / 7946	DEF AT -----	DEF AT 3
12040 / 8080	DEF IN local marker foram increase	DEF AT 3
12400 / 8279	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12444
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 8304
API Well Number: 177024056500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 01-JUL-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 / 3926	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11980 / 8046	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary:	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 5400
API Well Number: 177024058200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 27-OCT-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1495	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3212 / 2517	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 20-NOV-1979	First Sample Examined: 900
Lease Number: G03520	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: A017	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5400
API Well Number: 177024058200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 3	Sample Range: 900 - 7170	Water Depth: 155
Public Info Code: Y 27-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	DEF AT 2
1500 / 1495	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1880 / 1835	DEF AT -----	DEF AT 2
2210 / 2078	DEF AT sample gap top	DEF AT 0
4409 / 3011	DEF AT sample gap bottom	DEF AT 0
4410 / 3012	DEF AT -----	DEF AT 2
4860 / 3210	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5010 / 3286	DEF AT -----	DEF AT 2
6930 / 4285	POS AT local marker foram increase	DEF AT 3
7170 / 4389	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 5400
API Well Number: 177024058200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 27-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1495	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4860 / 3210	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary:	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12150
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 6297
API Well Number: 177024056800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 08-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1510 / 1496	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5080 / 3449	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 498	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: A019	Paleo Done By: OPERATOR	Borehole TVD: 9035
API Well Number: 177024056501	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 27-NOV-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 3918	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 504	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02006	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9590
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9590
<b>API Well Number:</b> 177024053900	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 148
<b>Public Info Code:</b> Y 02-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3610 / 3610	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4890 / 4890	DEF AT - - - - -	DEF AT 3
8340 / 8335	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8970 / 8962	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 04-MAY-1979	First Sample Examined: 1600
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 9590
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9590
API Well Number: 177024053900	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 1600 - 8940	Water Depth: 148
Public Info Code: Y 02-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3610 / 3610	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4890 / 4890	DEF AT - - - - -	DEF AT 3
8340 / 8335	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8940 / 8932	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 04-MAY-1979	First Sample Examined: 8810
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 9590
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9590
API Well Number: 177024053900	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 8810 - 9590	Water Depth: 148
Public Info Code: Y 02-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8810 / 8802	DEF AT first sample examined	DEF AT 0
8970 / 8962	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8971 / 8963	POS AT gouge	DEF AT 5
9030 / 9022	DEF AT anhydrite	DEF AT 0
9031 / 9023	POS AT domal material	DEF AT 0
9590 / 9581	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary:	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9115
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6670
API Well Number: 177024055800	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 122
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 12-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT -----	DEF AT 2
2440 / 2409	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4600 / 3913	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4900 / 4093	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 504	<b>Date of Summary:</b> 14-JUN-1979	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G02006	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9115
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6670
<b>API Well Number:</b> 177024055800	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 122
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 1000 - 9115	<b>Water Depth:</b> 147
<b>Public Info Code:</b> Y 12-JUL-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
2440 / 2409	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2590 / 2544	DEF AT sample gap top	DEF AT 0
2800 / 2720	DEF AT sample gap bottom	DEF AT 0
4600 / 3913	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4900 / 4093	DEF AT - - - -	DEF AT 3
9115 / 6670	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 06-MAR-2000	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9115
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6670
API Well Number: 177024055800	Drilling Operator: EL PASO PRODUCTION OIL & GAS COMPANY	Rkb Elevation: 122
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 12-JUL-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4622 / 3926	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 504	<b>Date of Summary:</b> 09-AUG-1979	<b>First Sample Examined:</b> 1850
<b>Lease Number:</b> G02006	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6462
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5386
<b>API Well Number:</b> 177024058000	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1850 - 4610	<b>Water Depth:</b> 147
<b>Public Info Code:</b> Y 26-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1850 / 1798	DEF AT first sample examined	DEF IN 1
2210 / 2105	DEF AT - - - - -	DEF AT 2
4610 / 3780	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 03-SEP-1980	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6462
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5386
API Well Number: 177024058000	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 26-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2210 / 2105	DEF AT -----	DEF AT 2
4728 / 3867	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5950 / 4907	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 21-SEP-1979	First Sample Examined: 5510
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 11443
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6388
API Well Number: 177024058100	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 5510 - 11410	Water Depth: 148
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 3606	DEF AT first sample examined	DEF IN 2
6290 / 3959	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11410 / 6373	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 07-SEP-1983	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11443
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6388
API Well Number: 177024058100	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 3606	DEF AT first sample examined	DEF IN 2
6290 / 3959	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 504	<b>Date of Summary:</b> 20-NOV-1979	<b>First Sample Examined:</b> 4800
<b>Lease Number:</b> G02006	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11499
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9023
<b>API Well Number:</b> 177024058500	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4800 - 10770	<b>Water Depth:</b> 148
<b>Public Info Code:</b> Y 01-MAR-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4326	DEF AT first sample examined	DEF IN 2
5580 / 4862	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9990 / 7950	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10770 / 8497	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 01-AUG-1980	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11499
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9023
API Well Number: 177024058500	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 01-MAR-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4326	DEF AT faunal change (no faunal increase)	DEF AT 2
5580 / 4862	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
9990 / 7950	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 504	<b>Date of Summary:</b> 17-DEC-1979	<b>First Sample Examined:</b> 5460
<b>Lease Number:</b> G02006	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12389
<b>Well Name:</b> A006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6468
<b>API Well Number:</b> 177024058101	<b>Drilling Operator:</b> ANR PRODUCTION COMPANY	<b>Rkb Elevation:</b> 122
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5460 - 12367	<b>Water Depth:</b> 147
<b>Public Info Code:</b> Y 16-JAN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 3584	DEF AT first sample examined	DEF IN 2
6060 / 3874	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11790 / 6159	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
12367 / 6442	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 504	Date of Summary: 27-JUN-1980	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12389
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6468
API Well Number: 177024058101	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 122
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 16-JAN-1990	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 3584	DEF AT -----	DEF AT 2
6060 / 3874	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11790 / 6159	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 504 <b>Lease Number:</b> G02006 <b>Well Name:</b> A008 <b>API Well Number:</b> 177024061100 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 19-FEB-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> ANR PRODUCTION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6332 <b>Borehole TVD:</b> 5534 <b>Rkb Elevation:</b> 99 <b>Water Depth:</b> 148 <b>Paleo ID:</b> 001</p>
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**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4405 / 3917	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9880 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 507	Date of Summary:	First Sample Examined: 0
Lease Number: G02549	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11285
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11285
API Well Number: 177024053200	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 22-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10410 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary: 17-NOV-1971	First Sample Examined: 850
Lease Number: G02009	Source of Paleo: OPERATOR	Borehole MD: 9102
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9102
API Well Number: 177024003200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 850 - 9102	Water Depth: 178
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 /	DEF AT first sample examined	DEF IN 2
1540 /	DEF AT - - - - -	DEF AT 3
2530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6910 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7240 /	DEF AT - - - - -	DEF AT 5
7510 /	POS AT gouge	DEF AT 6
8690 /	DEF AT gouge	DEF AT 6
9102 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 522	<b>Date of Summary:</b> 14-MAR-1972	<b>First Sample Examined:</b> 850
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 9102
<b>Well Name:</b> 001	<b>Paleo Done By:</b> WING GEE	<b>Borehole TVD:</b> 9102
<b>API Well Number:</b> 177024003200	<b>Drilling Operator:</b> BURMAH OIL & GAS COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 850 - 9102	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 /	DEF AT first sample examined	DEF IN 1
880 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1120 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1150 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1180 /	DEF AT local marker benthic foram increase	DEF IN 1
1420 /	POS IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 2
1510 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1720 /	DEF AT local marker foram decrease	DEF AT 1
1990 /	DEF AT shell fragments	DEF IN 1
3010 /	DEF AT sample gap top	POS IN 1
3519 /	DEF AT local marker foram decrease	POS IN 1
3730 /	DEF AT faunal change (no faunal increase)	DEF IN 1
3789 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
3790 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3880 /	DEF AT local marker foram decrease	DEF IN 1
4090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4840 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 1
5320 /	DEF AT local marker benthic foram increase	DEF AT 2
5620 /	POS AT local marker foram decrease	DEF IN 1
6640 /	POS AT local marker foram increase	DEF AT 2
6910 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7030 /	DEF AT local marker benthic foram increase	DEF IN 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary: 14-MAR-1972	First Sample Examined: 850
Lease Number: G02009	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9102
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9102
API Well Number: 177024003200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 850 - 9102	Water Depth: 178
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 /	POS AT Cyclammia cancellata (local marker)	DEF AT 4
7150 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
7180 /	POS IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	POS IN 3
7330 /	DEF AT Upper Pliocene (Piacenzian) Cyclammia sp.	DEF IN 3
7390 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
7450 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
7540 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
7570 /	DEF AT local marker foram decrease	DEF AT 4
7810 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7930 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
7960 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 5
8110 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8540 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
8690 /	DEF AT gouge	DEF AT 5
9102 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 522	<b>Date of Summary:</b> 29-NOV-1971	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5608
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5608
<b>API Well Number:</b> 177024003900	<b>Drilling Operator:</b> BURMAH OIL & GAS COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3500 - 5600	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF IN 3
3620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4610 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5600 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary: 06-DEC-1971	First Sample Examined: 4280
Lease Number: G02009	Source of Paleo: OPERATOR	Borehole MD: 5495
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5403
API Well Number: 177024003901	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4280 - 5494	Water Depth: 178
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4280 / 4275	DEF AT first sample examined	DEF IN 3
4620 / 4609	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5494 / 5412	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary: 27-DEC-1971	First Sample Examined: 4010
Lease Number: G02009	Source of Paleo: OPERATOR	Borehole MD: 6390
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6390
API Well Number: 177024004500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4010 - 6380	Water Depth: 179
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 /	DEF AT first sample examined	DEF IN 3
4610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6380 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary: 20-DEC-1971	First Sample Examined: 3520
Lease Number: G02009	Source of Paleo: OPERATOR	Borehole MD: 7007
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7007
API Well Number: 177024004600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3520 - 7010	Water Depth: 178
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3520 /	DEF AT first sample examined	DEF IN 3
4070 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6560 /	DEF AT -----	DEF IN 4
6740 /	DEF AT -----	DEF AT 5
6890 /	DEF AT -----	DEF AT 6
7010 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary:	First Sample Examined: 15000
Lease Number: G02009	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8360
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 8360
API Well Number: 177024004700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 15000 - 17651	Water Depth: 178
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15000 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
15270 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
15900 /	DEF AT local marker (general)	DEF AT 4
15901 /	POS AT deepwater facies Listerella fauna	DEF AT 4
16440 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
16890 /	DEF AT local marker (general)	DEF AT 4
17400 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
17610 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 522	<b>Date of Summary:</b> 28-FEB-1972	<b>First Sample Examined:</b> 5300
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8360
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8360
<b>API Well Number:</b> 177024004700	<b>Drilling Operator:</b> BURMAH OIL & GAS COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5300 - 8380	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 /	DEF AT first sample examined	DEF IN 3
6230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8290 /	POS AT fault	DEF AT 3
8291 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8380 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 522 <b>Lease Number:</b> G02009 <b>Well Name:</b> 007 <b>API Well Number:</b> 177024023600 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 25-APR-1993</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8305 <b>Borehole TVD:</b> 8305 <b>Rkb Elevation:</b> 75 <b>Water Depth:</b> 178 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5810 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6110 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 522	<b>Date of Summary:</b> 11-DEC-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4591
<b>Well Name:</b> 009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4591
<b>API Well Number:</b> 177024091900	<b>Drilling Operator:</b> SOCO OFFSHORE INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4100 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4300 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 522	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6813
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6813
<b>API Well Number:</b> 177024029600	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 177
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4780 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6100 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6600 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary:	First Sample Examined: 0
Lease Number: G02009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10162
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9293
API Well Number: 177024051100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3713	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4440 / 4209	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6660 / 6181	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7980 / 7348	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 522	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7137
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6905
<b>API Well Number:</b> 177024054900	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 272
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3505 / 3415	DEF AT faunal change (no faunal increase)	DEF AT 2
4040 / 3922	DEF AT faunal change (no faunal increase)	DEF AT 3
4640 / 4491	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6200 / 6007	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6980 / 6784	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary:	First Sample Examined: 0
Lease Number: G02009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5758
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4501
API Well Number: 177024055100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3850 / 3106	DEF AT faunal change (no faunal increase)	DEF AT 2
4630 / 3671	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5650 / 4426	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5651 / 4427	POS AT gouge	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 522 <b>Lease Number:</b> G02009 <b>Well Name:</b> A007 <b>API Well Number:</b> 177024055200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 25-APR-1993</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6771 <b>Borehole TVD:</b> 5451 <b>Rkb Elevation:</b> 87 <b>Water Depth:</b> 177 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5210 / 4445	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6470 / 5269	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 522	Date of Summary:	First Sample Examined: 0
Lease Number: G02009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8389
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7933
API Well Number: 177024057300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 25-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3410	DEF AT -----	DEF AT 2
3860 / 3860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4340 / 4339	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6410 / 6289	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7250 / 7026	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 527	<b>Date of Summary:</b> 04-DEC-1984	<b>First Sample Examined:</b> 2500
<b>Lease Number:</b> G06598	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8616
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8145
<b>API Well Number:</b> 177024085600	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2500 - 8616	<b>Water Depth:</b> 178
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4480 / 4478	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5800 / 5706	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7510 / 7209	DEF AT -----	DEF AT 2
8530 / 8073	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8616 / 8145	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 536	Date of Summary: 31-MAR-1982	First Sample Examined: 0
Lease Number: G04773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8848
API Well Number: 177024069600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 24-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7286 / 6831	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8164 / 7553	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8527 / 7843	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
8988 / 8211	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 536	Date of Summary: 31-MAR-1982	First Sample Examined: 0
Lease Number: G04773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10927
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8927
API Well Number: 177024069900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 09-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7733 / 6802	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7957 / 6932	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9126 / 7651	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
9616 / 7952	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10583 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
10892 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 536	Date of Summary: 22-FEB-1984	First Sample Examined: 0
Lease Number: G04773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9550
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8726
API Well Number: 177024074800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 11-JAN-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 6392	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
7882 / 7220	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 536	Date of Summary: 10-APR-1984	First Sample Examined: 0
Lease Number: G04773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9150
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8247
API Well Number: 177024075000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 05-FEB-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6220 / 5958	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 536	Date of Summary: 27-MAY-1983	First Sample Examined: 0
Lease Number: G04773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9453
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9107
API Well Number: 177024075100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 27-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4950	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 536	Date of Summary: 08-JUN-1983	First Sample Examined: 0
Lease Number: G04773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7580
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6402
API Well Number: 177024075900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 15-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5310 / 4629	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 538	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02552	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8900
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8611
<b>API Well Number:</b> 177024056000	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 186
<b>Public Info Code:</b> Y 07-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1720 / 1720	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3370 / 3370	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 04-JUN-1979	First Sample Examined: 820
Lease Number: G02552	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8611
API Well Number: 177024056000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 820 - 8900	Water Depth: 186
Public Info Code: Y 07-MAY-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
820 / 820	DEF AT cement	DEF AT 0
970 / 970	DEF AT -----	DEF AT 2
1720 / 1720	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2000 / 2000	DEF AT -----	DEF AT 2
3110 / 3110	DEF AT sample gap top	DEF AT 0
3309 / 3309	DEF AT sample gap bottom	DEF AT 0
3310 / 3310	DEF AT -----	DEF AT 3
3370 / 3370	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3550 / 3550	DEF AT -----	DEF AT 2
4860 / 4847	DEF AT sample gap top	DEF AT 0
6359 / 6257	DEF AT sample gap bottom	DEF AT 0
6360 / 6258	DEF AT -----	DEF AT 3
7350 / 7187	DEF AT -----	DEF AT 2
8900 / 8610	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 27-APR-1982	First Sample Examined: 0
Lease Number: G02552	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8199
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7922
API Well Number: 177024060900	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 24-FEB-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6450 / 6321	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G02552	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3300
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 3300
API Well Number: 177024066600	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 05-NOV-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G02552	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4350
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 3513
API Well Number: 177024066700	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 06-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1273	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G02552	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4483
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 3381
API Well Number: 177024066800	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 27-AUG-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1297	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 26-SEP-1981	First Sample Examined: 5930
Lease Number: G02552	Source of Paleo: OPERATOR	Borehole MD: 10733
Well Name: A007	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10383
API Well Number: 177024068200	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 5930 - 10720	Water Depth: 184
Public Info Code: Y 23-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5930 / 5582	DEF AT first sample examined	DEF AT 1
5990 / 5642	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 1
6020 / 5671	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6770 / 6418	DEF AT -----	DEF AT 2
6920 / 6567	DEF AT -----	DEF AT 1
8960 / 8606	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
9020 / 8666	DEF AT cement	DEF AT 0
9140 / 8786	DEF AT -----	DEF AT 1
9800 / 9446	DEF AT -----	DEF AT 2
9830 / 9476	DEF AT -----	DEF AT 1
9860 / 9506	POS AT unconformity	DEF AT 2
10010 / 9656	DEF AT -----	DEF AT 1
10220 / 9865	DEF AT -----	DEF AT 0
10280 / 9925	POS AT unconformity	DEF AT 1
10400 / 10045	DEF AT -----	DEF AT 1
10490 / 10135	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
10739 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 538	Date of Summary: 13-JUL-1982	First Sample Examined: 0
Lease Number: G02552	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10733
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10383
API Well Number: 177024068200	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 23-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6099	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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 GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 539	<b>Date of Summary:</b> 12-JUL-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05344	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9288
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7847
<b>API Well Number:</b> 177024091600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 186
<b>Public Info Code:</b> Y 04-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5254 / 4805	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 539	<b>Date of Summary:</b> 12-JUL-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05344	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8889
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7988
<b>API Well Number:</b> 177024092400	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 04-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5137 / 4922	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 541	Date of Summary: 12-APR-1985	First Sample Examined: 3750
Lease Number: G02554	Source of Paleo: OPERATOR	Borehole MD: 10523
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9312
API Well Number: 177024055300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3750 - 11450	Water Depth: 184
Public Info Code: Y 16-OCT-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=original hole and sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 / 3749	DEF AT first sample examined	DEF AT
6330 / 6178	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11450 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 541	Date of Summary:	First Sample Examined: 0
Lease Number: G02554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12379
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10185
API Well Number: 177024062300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 16-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	POS AT Upper Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 542	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G03970	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177024057400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 16-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1880 / 1880	POS AT Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 542	Date of Summary: 26-JUL-1984	First Sample Examined: 0
Lease Number: G03970	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9818
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8102
API Well Number: 177024074600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 193
Public Info Code: Y 28-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9818 / 8103	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 543	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02009	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9418
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8425
<b>API Well Number:</b> 177024012501	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 185
<b>Public Info Code:</b> Y 25-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6360	DEF AT -----	DEF AT 3
7120 / 6461	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8340 / 7467	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9400 / 8435	DEF AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 543	Date of Summary: 07-MAR-1972	First Sample Examined: 3500
Lease Number: G02010	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10462
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10462
API Well Number: 177024004900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3500 - 10452	Water Depth: 185
Public Info Code: Y 10-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	POS AT 2
3501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
5060 /	DEF AT pyrite	POS AT 2
5090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5360 /	DEF AT pyrite	DEF AT 2
6530 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6950 /	DEF AT pyrite	DEF AT 2
8060 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8360 /	DEF AT local marker foram decrease	DEF AT 3
8950 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
9300 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9420 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9480 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9660 /	DEF AT pyrite	DEF AT 4
10180 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10419 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10420 /	DEF AT gouge	DEF AT 6
10452 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 543 <b>Lease Number:</b> G02010 <b>Well Name:</b> 003 <b>API Well Number:</b> 177024041000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-AUG-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9488 <b>Borehole TVD:</b> 9488 <b>Rkb Elevation:</b> 101 <b>Water Depth:</b> 187 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7910 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 543	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02010	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9731
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9428
<b>API Well Number:</b> 177024040900	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 185
<b>Public Info Code:</b> Y 10-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 6199	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8000 / 7776	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 543	Date of Summary:	First Sample Examined: 0
Lease Number: G02010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10040
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10040
API Well Number: 177024005400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 10-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6380 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8150 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9936 /	DEF AT -----	DEF AT 5
10000 /	DEF AT gouge	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 543	Date of Summary:	First Sample Examined: 0
Lease Number: G02010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8774
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8426
API Well Number: 177024012500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 10-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8190 / 7843	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 543	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02010	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12658
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12305
<b>API Well Number:</b> 177024013700	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 185
<b>Public Info Code:</b> Y 10-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 8705	DEF AT faunal change (no faunal increase)	DEF IN 3
9290 / 9024	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 543	Date of Summary:	First Sample Examined: 0
Lease Number: G02010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12658
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12305
API Well Number: 177024013700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 10-AUG-1990	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12420 /12077	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12540 /12194	DEF AT faunal change (no faunal increase)	DEF AT 5
12600 /12252	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12601 /12253	POS AT gouge	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 543 <b>Lease Number:</b> G02010 <b>Well Name:</b> A004 <b>API Well Number:</b> 177024014400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-AUG-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9037 <b>Borehole TVD:</b> 8540 <b>Rkb Elevation:</b> 87 <b>Water Depth:</b> 185 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7340	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8600 / 8118	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8900 / 8417	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 543	Date of Summary:	First Sample Examined: 0
Lease Number: G02010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9260
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 8849
API Well Number: 177024019300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 10-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7593	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8210 / 7803	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9170 / 8761	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9230 / 8821	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 543 <b>Lease Number:</b> G02010 <b>Well Name:</b> A007 <b>API Well Number:</b> 177024020200 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-AUG-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 9189 <b>Borehole TVD:</b> 8998 <b>Rkb Elevation:</b> 92 <b>Water Depth:</b> 185 <b>Paleo ID:</b> 002</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7640 / 7460	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 4
8840 / 8657	DEF AT faunal change (no faunal increase)	DEF AT 4
8930 / 8747	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8960 / 8777	DEF AT faunal change (no faunal increase)	DEF AT 5
9110 / 8927	POS AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 543	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02010	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9610
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9500
<b>API Well Number:</b> 177024021000	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 10-AUG-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7642	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9370 / 9260	DEF AT -----	DEF AT 5
9580 / 9469	POS AT gouge	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 543 <b>Lease Number:</b> G02010 <b>Well Name:</b> A011 <b>API Well Number:</b> 177024022900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 10-AUG-1990</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> KERR-MCGEE CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12496 <b>Borehole TVD:</b> 11967 <b>Rkb Elevation:</b> 92 <b>Water Depth:</b> 185 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 8668	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
11950 / 11516	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12290 / 11855	DEF AT -----	DEF AT 5
12410 / 11975	DEF AT -----	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 552	Date of Summary: 25-JUL-1980	First Sample Examined: 860
Lease Number: G02556	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11036
Well Name: 002	Paleo Done By: GAY LARRE'	Borehole TVD: 9446
API Well Number: 177024032100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 860 - 11036	Water Depth: 190
Public Info Code: Y 16-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
860 / 860	DEF AT first sample examined	DEF AT 1
861 / 861	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1670 / 1670	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1910 / 1910	DEF AT local marker foram decrease	DEF IN 1
2630 / 2630	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3020 / 3020	DEF AT local marker benthic foram increase	DEF AT 2
3080 / 3080	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
3230 / 3230	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 3
4040 / 4040	DEF AT local marker foram decrease	DEF AT 3
5270 / 5226	DEF AT pyrite	DEF AT 3
5480 / 5423	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6140 / 5986	DEF AT local marker benthic foram increase	DEF AT 4
6260 / 6071	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7040 / 6533	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7160 / 6601	DEF AT local marker foram increase	DEF AT 4
8150 / 7291	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8750 / 7749	DEF AT faunal change (no faunal increase)	DEF AT 3
9890 / 8607	DEF AT Eggerella sp. (local marker)	DEF IN 3
9920 / 8629	DEF AT local marker benthic foram increase	DEF IN 3
10100 / 8759	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
10160 / 8802	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
10370 / 8953	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 552	<b>Date of Summary:</b> 25-JUL-1980	<b>First Sample Examined:</b> 860
<b>Lease Number:</b> G02556	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 11036
<b>Well Name:</b> 002	<b>Paleo Done By:</b> GAY LARRE'	<b>Borehole TVD:</b> 9446
<b>API Well Number:</b> 177024032100	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 860 - 11036	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 16-JAN-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11029 / 9441	DEF AT pyrite	DEF AT 5
11030 / 9442	DEF AT local marker foram decrease	DEF AT 5
11036 / 9446	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 552	Date of Summary: 09-NOV-1989	First Sample Examined: 0
Lease Number: G02556	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11263
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9095
API Well Number: 177024061301	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 16-JAN-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9815 / 8296	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 555	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 1400
<b>Lease Number:</b> G05345	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13810
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13795
<b>API Well Number:</b> 177024092600	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1400 - 13893	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 12-SEP-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT first sample examined	DEF AT 2
1610 / 1610	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3920 / 3920	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4500 / 4500	DEF AT -----	DEF AT 1
5800 / 5799	DEF AT -----	DEF AT 2
10500 /10495	DEF AT -----	DEF AT 3
11600 /11594	DEF AT -----	DEF AT 2
13660 /13646	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
13790 /13775	POS IN Middle Miocene	DEF AT 3
13893 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 555	Date of Summary: 12-APR-1988	First Sample Examined: 0
Lease Number: G05345	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13810
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13795
API Well Number: 177024092600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 12-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2336 / 2336	POS IN Pleistocene	DEF AT 0
13242 / 13230	POS IN Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 564	Date of Summary: 25-JAN-1982	First Sample Examined: 0
Lease Number: G02014	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3959
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 3959
API Well Number: 177024068600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 21-OCT-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 / 1440	POS IN Upper Pleistocene	DEF AT 0
3000 / 2562	POS IN Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 564	Date of Summary: 30-NOV-1998	First Sample Examined: 0
Lease Number: G02849	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9884
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7504
API Well Number: 177024035400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 09-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2106	DEF AT Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 570	<b>Date of Summary:</b> 26-JUL-1984	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G05188	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 4500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 4500
<b>API Well Number:</b> 177024076000	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5000 - 9990	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 08-MAY-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF IN 1
5240 /	DEF AT sample gap top	DEF AT 0
5370 /	DEF AT sample gap bottom	DEF AT 0
5680 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6720 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9990 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 570	Date of Summary: 02-JUN-1983	First Sample Examined: 4510
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 12074
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12064
API Well Number: 177024076100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 4510 - 11990	Water Depth: 190
Public Info Code: Y 25-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 /	DEF AT first sample examined	DEF AT 2
4511 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5890 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5990 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6820 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8410 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8470 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
8710 /	DEF AT Bathysiphon fauna	DEF AT 4
9100 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10570 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11020 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11990 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 570	<b>Date of Summary:</b> 22-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05188	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12074
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12064
<b>API Well Number:</b> 177024076100	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 25-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5890 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
10570 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
11020 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 570	Date of Summary: 12-AUG-1983	First Sample Examined: 4060
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 11646
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10928
API Well Number: 177024076800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 4060 - 11646	Water Depth: 190
Public Info Code: Y 10-SEP-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4060	POS AT first sample examined	DEF IN 2
5890 / 5890	DEF AT faunal change (no faunal increase)	DEF AT 3
6490 / 6487	POS AT faunal change (no faunal increase)	DEF AT 4
6820 / 6808	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10630 /10144	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11560 /10862	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11646 /10928	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 570	Date of Summary: 24-AUG-1983	First Sample Examined: 4060
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 11646
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10928
API Well Number: 177024076800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 4060 - 11590	Water Depth: 190
Public Info Code: Y 10-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4060	DEF AT first sample examined	DEF AT 2
5890 / 5890	DEF AT faunal change (no faunal increase)	DEF AT 4
6280 / 6279	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6790 / 6779	DEF AT faunal change (no faunal increase)	DEF AT 2
10630 /10144	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11170 /10565	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11470 /10792	DEF AT faunal change (no faunal increase)	DEF AT 4
11590 /10885	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 570	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G05188	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11646
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10928
API Well Number: 177024076800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 10-SEP-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6820 / 6808	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
10630 / 10144	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
11560 / 10862	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 570	<b>Date of Summary:</b> 29-SEP-1983	<b>First Sample Examined:</b> 4060
<b>Lease Number:</b> G05188	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10900
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9519
<b>API Well Number:</b> 177024077100	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 4060 - 10900	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 26-OCT-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4059	DEF AT first sample examined	DEF IN 2
5950 / 5755	DEF AT faunal change (no faunal increase)	DEF AT 3
7000 / 6507	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9580 / 8471	DEF AT faunal change (no faunal increase)	DEF AT 4
9910 / 8729	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10899 / 9519	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 570	Date of Summary: 29-SEP-1983	First Sample Examined: 4060
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 10900
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9519
API Well Number: 177024077100	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 4060 - 10870	Water Depth: 190
Public Info Code: Y 26-OCT-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 / 4059	DEF AT first sample examined	DEF AT 2
5950 / 5755	DEF AT faunal change (no faunal increase)	DEF AT 3
6580 / 6205	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6760 / 6332	DEF AT sample gap top	DEF AT 0
6999 / 6507	DEF AT sample gap bottom	DEF AT 0
7000 / 6507	DEF AT faunal change (no faunal increase)	DEF AT 3
7210 / 6667	DEF AT faunal change (no faunal increase)	DEF AT 2
9430 / 8355	DEF AT faunal change (no faunal increase)	DEF AT 3
9580 / 8471	DEF AT Cyclamina sp. (local marker)	DEF AT 4
10060 / 8849	DEF AT faunal change (no faunal increase)	DEF AT 2
10870 / 9496	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 570	Date of Summary: 15-AUG-2001	First Sample Examined: 0
Lease Number: G05188	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9519
API Well Number: 177024077100	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 26-OCT-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6507	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
9910 / 8729	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 573	Date of Summary: 08-APR-1992	First Sample Examined: 0
Lease Number: G03524	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7932
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7900
API Well Number: 177024103500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 211
Public Info Code: Y 29-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1570 / 1570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3660 / 3660	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 576	Date of Summary:	First Sample Examined: 0
Lease Number: G02019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9050
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6359
API Well Number: 177024045500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 16-JAN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 3265	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7750 / 5344	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 576	Date of Summary:	First Sample Examined: 0
Lease Number: G02019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8168
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6533
API Well Number: 177024046500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 23-FEB-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 5735	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 576	Date of Summary:	First Sample Examined: 0
Lease Number: G02019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8168
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6533
API Well Number: 177024046500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 23-FEB-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 5275	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 576 <b>Lease Number:</b> G02019 <b>Well Name:</b> A011 <b>API Well Number:</b> 177024047700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 18-APR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10125 <b>Borehole TVD:</b> 6248 <b>Rkb Elevation:</b> 90 <b>Water Depth:</b> 224 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 5981	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 576	Date of Summary:	First Sample Examined: 0
Lease Number: G02019	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9100
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6341
API Well Number: 177024048300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 15-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3206	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7700 / 5524	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 579	Date of Summary: 05-JUL-1985	First Sample Examined: 4800
Lease Number: G06599	Source of Paleo: OPERATOR	Borehole MD: 15830
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15830
API Well Number: 177024087100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 67
Paleo Report Num: 1 of 2	Sample Range: 4800 - 15830	Water Depth: 232
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT first sample examined	DEF IN 3
6570 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7980 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9330 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10740 /	DEF AT -----	DEF AT 4
15830 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 579	Date of Summary: 10-JUL-1996	First Sample Examined: 0
Lease Number: G06599	Source of Paleo: OPERATOR	Borehole MD: 15830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15830
API Well Number: 177024087100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 67
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7980 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9330 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 586	Date of Summary: 07-JUN-1982	First Sample Examined: 0
Lease Number: G02436	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9167
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7076
API Well Number: 177024062800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 15-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4873 / 4073	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5850 / 4747	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8905 / 6879	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 587	Date of Summary: 23-FEB-1983	First Sample Examined: 3020
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 7608
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6619
API Well Number: 177024072300	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3020 - 7608	Water Depth: 207
Public Info Code: Y 18-MAR-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 3020	DEF AT first sample examined	DEF AT 3
3021 / 3021	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4970 / 4789	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7310 / 6400	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7608 / 6620	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 587	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G02021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7608
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 6619
API Well Number: 177024072300	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 207
Public Info Code: Y 18-MAR-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4789	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7310 / 6400	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 588	<b>Date of Summary:</b> 07-JUN-1988	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G05351	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8100
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8100
<b>API Well Number:</b> 177024093400	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3500 - 7802	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 20-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF IN 3
3590 / 3590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5450 / 5449	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7802 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 588	Date of Summary: 17-JUN-1988	First Sample Examined: 0
Lease Number: G05351	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8100
API Well Number: 177024093400	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 20-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 / 3590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5450 / 5449	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 588	Date of Summary: 03-MAR-1989	First Sample Examined: 3000
Lease Number: G05351	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7500
API Well Number: 177024095500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3000 - 7500	Water Depth: 210
Public Info Code: Y 20-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT cement	DEF AT 2
3120 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3630 /	DEF AT -----	DEF AT 2
4080 /	DEF AT -----	DEF AT 3
4980 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5460 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5640 /	DEF AT -----	DEF AT 2
6780 /	DEF AT -----	DEF AT 3
7080 /	DEF AT -----	DEF AT 4
7140 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7290 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7470 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 588	Date of Summary: 14-APR-1989	First Sample Examined: 0
Lease Number: G05351	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177024095500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 20-JUN-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5460 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
7140 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7440 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 589	Date of Summary: 25-JUL-1990	First Sample Examined: 0
Lease Number: G05352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16264
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13410
API Well Number: 177024080400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 11-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 / 2030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3110 / 3110	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 0
4220 / 4194	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6710 / 6121	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11000 / 9508	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
12680 / 10852	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 589	Date of Summary: 25-JUL-1990	First Sample Examined: 0
Lease Number: G05352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16264
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13410
API Well Number: 177024080400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 11-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10760 / 9307	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
13010 / 11094	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 589	Date of Summary: 23-JUL-1990	First Sample Examined: 0
Lease Number: G05352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7779
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7100
API Well Number: 177024095600	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 11-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4663 / 4278	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6638 / 6054	DEF AT local marker benthic foram increase	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 589	Date of Summary: 25-MAY-1993	First Sample Examined: 0
Lease Number: G05352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8487
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6736
API Well Number: 177024104200	Drilling Operator: AMERADA HESS CORPORATION	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 11-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 / 5755	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6707 / 5911	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 592	<b>Date of Summary:</b> 18-AUG-1987	<b>First Sample Examined:</b> 1103
<b>Lease Number:</b> G06601	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9907
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9547
<b>API Well Number:</b> 177024091300	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1103 - 9900	<b>Water Depth:</b> 255
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1103 / 1103	DEF AT first sample examined	DEF AT 0
1283 / 1283	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
2723 / 2723	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 0
4950 / 4950	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
9900 / 9542	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 592	Date of Summary: 18-AUG-1987	First Sample Examined: 1103
Lease Number: G06601	Source of Paleo: OPERATOR	Borehole MD: 9907
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9547
API Well Number: 177024091300	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1103 - 9900	Water Depth: 255
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1103 / 1103	DEF AT first sample examined	DEF IN 3
2183 / 2183	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4612 / 4612	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4613 / 4613	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4700 / 4700	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6000 / 6000	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6540 / 6540	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
9900 / 9542	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 592	Date of Summary: 09-SEP-1987	First Sample Examined: 0
Lease Number: G06601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9808
API Well Number: 177024091301	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 252
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2183 / 2183	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4700 / 4700	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6000 / 5998	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 592	Date of Summary: 24-FEB-1989	First Sample Examined: 0
Lease Number: G06601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9576
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7882
API Well Number: 177024095200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 254
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6702 / 5791	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 595	<b>Date of Summary:</b> 05-MAR-1974	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G02437	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7690
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7690
<b>API Well Number:</b> 177024016100	<b>Drilling Operator:</b> CLARK OIL PRODUCING CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1000 - 7670	<b>Water Depth:</b> 243
<b>Public Info Code:</b> Y 12-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 3
1810 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3250 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7430 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
7670 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 595	<b>Date of Summary:</b> 27-MAR-1974	<b>First Sample Examined:</b> 1040
<b>Lease Number:</b> G02437	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7737
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7737
<b>API Well Number:</b> 177024017300	<b>Drilling Operator:</b> CLARK OIL PRODUCING CO	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1040 - 7705	<b>Water Depth:</b> 249
<b>Public Info Code:</b> Y 12-MAY-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 /	DEF AT first sample examined	DEF IN 3
1880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3380 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5780 /	DEF AT sample gap top	DEF AT 0
6510 /	DEF AT sample gap bottom	DEF AT 0
7705 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 595	Date of Summary: 10-APR-1974	First Sample Examined: 3860
Lease Number: G02437	Source of Paleo: OPERATOR	Borehole MD: 9428
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8315
API Well Number: 177024017301	Drilling Operator: CLARK OIL PRODUCING CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3860 - 9428	Water Depth: 249
Public Info Code: Y 12-MAY-1990	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3860	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4100 / 4098	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4970 / 4858	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9030 / 7923	DEF AT local marker (general)	DEF AT 4
9428 / 8316	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 595	Date of Summary: 13-MAY-1980	First Sample Examined: 0
Lease Number: G02437	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7905
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7767
API Well Number: 177024027800	Drilling Operator: CLARK OIL PRODUCING CO	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 12-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4340 / 4210	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5258 / 5123	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
5585 / 5449	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
6303 / 6166	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
6937 / 6800	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7434 / 7297	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 595	<b>Date of Summary:</b> 29-APR-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02437	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14042
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12220
<b>API Well Number:</b> 177024059200	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 12-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4169	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7225 / 5956	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 595	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02437	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9230
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7986
<b>API Well Number:</b> 177024060300	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 12-MAY-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 4372	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 595	Date of Summary: 13-DEC-1989	First Sample Examined: 0
Lease Number: G02437	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10519
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 9750
API Well Number: 177024097000	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 12-MAY-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4272 / 4265	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 596	Date of Summary: 25-APR-1989	First Sample Examined: 0
Lease Number: G06602	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9010
API Well Number: 177024096100	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 243
Public Info Code: Y 15-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4024 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4567 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 597	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8262
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7515
API Well Number: 177024061200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 273
Public Info Code: Y 16-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3161	POS AT Middle Pleistocene	DEF AT 0
3241 / 3162	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 597	Date of Summary: 04-MAR-1998	First Sample Examined: 1025
Lease Number: G03972	Source of Paleo: OPERATOR	Borehole MD: 13107
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10629
API Well Number: 177024058400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1025 - 13090	Water Depth: 260
Public Info Code: Y 16-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1025 / 1025	DEF AT first sample examined	DEF AT 2
1480 / 1480	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1540 / 1540	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
1840 / 1840	DEF AT faunal change (no faunal increase)	DEF AT 2
1900 / 1900	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3220 / 3137	DEF AT faunal change (no faunal increase)	DEF AT 3
3430 / 3328	DEF AT faunal change (no faunal increase)	DEF AT 2
3970 / 3794	DEF AT faunal change (no faunal increase)	DEF AT 3
4150 / 3938	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4180 / 3962	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
4330 / 4079	DEF AT faunal change (no faunal increase)	DEF AT 2
4960 / 4550	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6160 / 5468	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 2
6580 / 5798	DEF AT faunal change (no faunal increase)	DEF AT 3
6850 / 6011	DEF AT faunal change (no faunal increase)	DEF AT 2
8560 / 7351	DEF AT sample gap top	POS AT 2
8829 / 7554	DEF AT sample gap bottom	DEF AT 2
8830 / 7555	DEF AT faunal change (no faunal increase)	DEF AT 2
8890 / 7600	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 2
9040 / 7714	DEF AT faunal change (no faunal increase)	DEF AT 4
9760 / 8266	DEF AT faunal change (no faunal increase)	DEF AT 2
10120 / 8542	DEF AT faunal change (no faunal increase)	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 597	Date of Summary: 04-MAR-1998	First Sample Examined: 1025
Lease Number: G03972	Source of Paleo: OPERATOR	Borehole MD: 13107
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10629
API Well Number: 177024058400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1025 - 13090	Water Depth: 260
Public Info Code: Y 16-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10240 / 8634	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
10360 / 8726	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10540 / 8864	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10660 / 8956	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
12010 / 9962	DEF AT faunal change (no faunal increase)	DEF AT 3
12400 /10224	DEF AT faunal change (no faunal increase)	DEF AT 4
12460 /10262	DEF AT faunal change (no faunal increase)	DEF AT 3
12610 /10355	DEF AT faunal change (no faunal increase)	DEF AT 4
12670 /10391	DEF AT faunal change (no faunal increase)	DEF AT 3
13090 /10623	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 599	Date of Summary: 18-AUG-1997	First Sample Examined: 1340
Lease Number: G08411	Source of Paleo: OPERATOR	Borehole MD: 13132
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 13128
API Well Number: 177024091100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1340 - 13160	Water Depth: 266
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1340 /	DEF AT first sample examined	DEF AT 3
1609 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
1610 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
1880 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2059 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 3
2060 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3050 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3860 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 3
4040 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
4220 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4760 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5220 /	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT 3
5880 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6330 /	DEF AT faunal change (no faunal increase)	DEF IN 4
8340 /	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
9630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
9990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
13140 /	POS IN Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 4
13160 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 600	Date of Summary: 09-MAR-1987	First Sample Examined: 4880
Lease Number: G05354	Source of Paleo: OPERATOR	Borehole MD: 16642
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15126
API Well Number: 177024090700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 4880 - 14000	Water Depth: 267
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4880 / 4880	DEF AT first sample examined	POS IN 3
4881 / 4881	DEF IN cement	POS IN 3
4910 / 4910	DEF AT faunal change (no faunal increase)	DEF IN 3
5150 / 5149	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7520 / 7369	POS AT faunal change (no faunal increase)	DEF AT 4
9590 / 9223	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14000 / 13099	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 600	<b>Date of Summary:</b> 09-MAR-1987	<b>First Sample Examined:</b> 13980
<b>Lease Number:</b> G05354	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16642
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15126
<b>API Well Number:</b> 177024090700	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 13980 - 16642	<b>Water Depth:</b> 267
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13980 /13083	DEF AT first sample examined	DEF AT 4
16530 /15049	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
16642 /15126	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 600	<b>Date of Summary:</b> 09-NOV-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05354	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5417
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4865
<b>API Well Number:</b> 177024091500	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 265
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 /	DEF AT -----	DEF IN 4
9470 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
14125 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 600	Date of Summary: 13-OCT-1987	First Sample Examined: 9010
Lease Number: G05354	Source of Paleo: OPERATOR	Borehole MD: 14135
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14135
API Well Number: 177024091501	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 9010 - 14130	Water Depth: 265
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 8023	DEF AT first sample examined	POS IN 4
9470 / 8389	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
13340 /11615	DEF AT sample gap top	DEF AT 0
13440 /11699	DEF AT sample gap bottom	DEF AT 0
14130 /12253	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 600	Date of Summary: 25-OCT-1988	First Sample Examined: 0
Lease Number: G05354	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13649
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12846
API Well Number: 177024094000	Drilling Operator: CLIFFS OIL AND GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 263
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8510 / 8221	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
11910 / 11318	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 601	Date of Summary:	First Sample Examined: 0
Lease Number: G03386	Source of Paleo: OPERATOR	Borehole MD: 12285
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11493
API Well Number: 177024043600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 07-MAR-1988	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1900 / 1900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3790 / 3789	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6580 / 6344	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7420 / 7098	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9400 / 8891	DEF AT Cyclammina cancellata (local marker)	DEF AT 0
10750 / 10112	DEF AT local marker (general)	DEF AT 0
12285 / 11490	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 601	<b>Date of Summary:</b> 31-JAN-1978	<b>First Sample Examined:</b> 550
<b>Lease Number:</b> G03386	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12285
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11493
<b>API Well Number:</b> 177024043600	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 65
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 550 - 12285	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 07-MAR-1988	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
550 / 550	DEF AT first sample examined	DEF AT 1
640 / 640	DEF AT sample gap top	DEF AT 0
1000 / 1000	DEF AT sample gap bottom	DEF AT 0
1120 / 1120	DEF AT -----	DEF AT 2
1420 / 1420	DEF AT local marker foram increase	DEF AT 2
1450 / 1450	DEF AT -----	DEF AT 3
1600 / 1600	DEF AT -----	DEF AT 2
1900 / 1900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2020 / 2020	DEF AT -----	DEF AT 1
3310 / 3310	DEF AT local marker foram increase	DEF AT 2
3460 / 3460	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3550 / 3550	DEF AT cement	DEF AT 0
3790 / 3789	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
4540 / 4501	DEF AT -----	DEF AT 2
5140 / 5047	DEF AT sample gap top	DEF AT 0
5290 / 5185	DEF AT sample gap bottom	DEF AT 0
6580 / 6344	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7420 / 7098	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7750 / 7396	DEF AT -----	DEF AT 2
9400 / 8891	DEF AT Cyclammina sp. (local marker)	DEF AT 2
10750 /10112	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
12285 /11490	DEF AT last sample examined	DEF AT 2

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 601	Date of Summary: 01-OCT-1980	First Sample Examined: 0
Lease Number: G03386	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2909
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 2714
API Well Number: 177024063400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 257
Public Info Code: Y 24-AUG-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2393 / 2273	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 601	Date of Summary: 07-NOV-1980	First Sample Examined: 0
Lease Number: G03386	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3084
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 2800
API Well Number: 177024063800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 257
Public Info Code: Y 15-SEP-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3084 / 2801	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 604	Date of Summary: 07-MAY-1984	First Sample Examined: 0
Lease Number: G05356	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11998
API Well Number: 177024079000	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 282
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2824	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9400 / 8764	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 604	Date of Summary: 14-MAR-1985	First Sample Examined: 0
Lease Number: G05356	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177024084100	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 294
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: 9300=Trimosina C

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2800	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9300 / 9300	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 606	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02232	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10394
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9189
<b>API Well Number:</b> 177024057500	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 277
<b>Public Info Code:</b> Y 17-SEP-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1170 / 1170	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
2365 / 2363	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3765 / 3700	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6250 / 6010	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
8900 / 8322	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 606	Date of Summary:	First Sample Examined: 0
Lease Number: G02232	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10394
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9189
API Well Number: 177024057500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 277
Public Info Code: Y 17-SEP-1989	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 / 1020	DEF AT -----	DEF AT 2
1170 / 1170	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2370 / 2368	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3870 / 3795	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6480 / 6228	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9030 / 8420	DEF AT -----	DEF AT 5
9900 / 8951	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 606	Date of Summary:	First Sample Examined: 0
Lease Number: G02232	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5567
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177024059500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 277
Public Info Code: Y 16-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 2912	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4040 / 3416	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 606	Date of Summary:	First Sample Examined: 0
Lease Number: G02232	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5567
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177024059500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 277
Public Info Code: Y 16-OCT-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 / 1581	DEF AT -----	DEF AT 3
4030 / 3409	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4870 / 4007	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 610	Date of Summary: 12-JAN-1989	First Sample Examined: 4000
Lease Number: G08412	Source of Paleo: OPERATOR	Borehole MD: 9702
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9702
API Well Number: 177024095100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9000	Water Depth: 278
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT
4001 /	DEF AT cement	DEF AT
4002 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4090 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4390 /	DEF AT local marker foram increase	DEF AT 3
5050 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5140 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5500 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6370 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6580 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7000 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9000 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 612	Date of Summary: 07-JUN-1974	First Sample Examined: 1000
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 12563
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12563
API Well Number: 177024018400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 1000 - 12563	Water Depth: 276
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	POS AT 2
1001 /	DEF AT cement	POS AT 2
1120 /	DEF AT faunal change (no faunal increase)	DEF IN 2
1270 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1420 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
1780 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2440 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7870 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9070 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10060 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
11830 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11920 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
12200 /	POS AT gouge	DEF AT 6
12230 /	DEF AT anhydrite	DEF AT 6
12231 /	DEF AT gypsum	DEF AT 6
12232 /	DEF AT domal material	DEF AT 6
12563 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 612	Date of Summary: 17-JUN-1974	First Sample Examined: 1000
Lease Number: G02557	Source of Paleo: OPERATOR	Borehole MD: 12563
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12563
API Well Number: 177024018400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 1000 - 12530	Water Depth: 276
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	POS AT 2
1001 /	DEF AT cement	POS AT 2
1090 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1420 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
1720 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2410 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2590 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2830 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3549 /	DEF AT cement	POS AT 4
3550 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 4
3640 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4270 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4360 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4420 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7780 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8650 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11679 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11680 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
12110 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 7
12170 /	DEF AT gypsum	DEF AT 7
12530 /	DEF AT last sample examined	DEF AT 7

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 612	Date of Summary: 23-MAY-1985	First Sample Examined: 1000
Lease Number: G02557	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12563
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12563
API Well Number: 177024018400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 1000 - 12563	Water Depth: 276
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	POS AT 2
1001 /	DEF AT cement	POS AT 2
1300 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1360 /	DEF AT local marker foram increase	DEF AT 3
1420 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1510 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2140 /	DEF AT faunal change (no faunal increase)	DEF IN 2
2410 /	DEF AT local marker benthic foram increase	DEF AT 3
2590 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3970 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4270 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4570 /	DEF AT local marker benthic foram increase	DEF AT 2
5290 /	DEF AT local marker benthic foram increase	DEF AT 3
5410 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
7780 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7870 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8260 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8530 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8560 /	DEF AT local marker foram decrease	DEF AT 3
9070 /	DEF AT poor sample interval top	POS AT 3
11799 /	DEF AT poor sample interval bottom	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 612	Date of Summary: 23-MAY-1985	First Sample Examined: 1000
Lease Number: G02557	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12563
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12563
API Well Number: 177024018400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 1000 - 12563	Water Depth: 276
Public Info Code: Y 04-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11800 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
11801 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
11920 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12010 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12039 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12040 /	DEF AT Bathysiphon fauna	DEF AT 4
12130 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12258 /	DEF AT local marker foram decrease	DEF AT 5
12259 /	DEF AT anhydrite	DEF AT 5
12260 /	DEF AT salt	DEF AT 5
12563 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 617	Date of Summary:	First Sample Examined: 0
Lease Number: G02559	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11850
API Well Number: 177024019200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 19-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2110 /	POS AT Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 617 <b>Lease Number:</b> G02559 <b>Well Name:</b> 003 <b>API Well Number:</b> 177024021300 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 19-APR-1992</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL OIL EXPLORATION &amp; PRODUC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8000 <b>Borehole TVD:</b> 8000 <b>Rkb Elevation:</b> 50 <b>Water Depth:</b> 300 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2140 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4780 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 617 <b>Lease Number:</b> G02559 <b>Well Name:</b> A001 <b>API Well Number:</b> 177024020000 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 19-APR-1992</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL OIL EXPLORATION &amp; PRODUC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 10379 <b>Borehole TVD:</b> 10379 <b>Rkb Elevation:</b> 50 <b>Water Depth:</b> 305 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2135 /	POS AT Upper Pleistocene	DEF AT 0
4465 /	POS AT Middle Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 617	Date of Summary: 18-SEP-1986	First Sample Examined: 0
Lease Number: G02559	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5201
API Well Number: 177024038700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 306
Public Info Code: Y 19-APR-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2712 / 2656	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 618	Date of Summary: 24-MAY-1988	First Sample Examined: 0
Lease Number: G07635	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11748
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9700
API Well Number: 177024092901	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 320
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 / 6620	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 0
8970 / 7939	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
9000 / 7960	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 0
10410 / 8864	DEF AT Cyclammina sp. (local marker)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 619	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02234	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11000
<b>Well Name:</b> 008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10758
<b>API Well Number:</b> 177024050000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 323
<b>Public Info Code:</b> Y 31-AUG-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1280 / 1279	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
3800 / 3677	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9740 / 9501	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 619	Date of Summary: 02-AUG-1978	First Sample Examined: 980
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10758
API Well Number: 177024050000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 980 - 11000	Water Depth: 323
Public Info Code: Y 31-AUG-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
980 / 980	DEF AT cement	DEF AT 0
1130 / 1130	DEF AT -----	DEF IN 3
1280 / 1279	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1460 / 1457	DEF AT -----	DEF AT 4
3800 / 3677	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9740 / 9501	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10730 /10491	DEF AT -----	DEF AT 5
11000 /10760	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 619	Date of Summary:	First Sample Examined: 0
Lease Number: G02234	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10839
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 10512
API Well Number: 177024050001	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 318
Public Info Code: Y 21-SEP-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9240 / 8939	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 624	<b>Date of Summary:</b> 03-JAN-1974	<b>First Sample Examined:</b> 1040
<b>Lease Number:</b> G02236	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12379
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9842
<b>API Well Number:</b> 177024011600	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1040 - 12380	<b>Water Depth:</b> 306
<b>Public Info Code:</b> Y 19-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1040	DEF AT first sample examined	DEF IN 3
2590 / 2380	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7150 / 5536	DEF AT - - - - -	DEF AT 4
7180 / 5557	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11080 / 8468	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
12380 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 624	Date of Summary: 28-JAN-1974	First Sample Examined: 1000
Lease Number: G02236	Source of Paleo: OPERATOR	Borehole MD: 6184
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6184
API Well Number: 177024015600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6180	Water Depth: 315
Public Info Code: Y 19-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 3
2300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5030 /	DEF AT -----	DEF AT 4
5210 /	DEF AT -----	DEF AT 5
6180 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 624 <b>Lease Number:</b> G02236 <b>Well Name:</b> 003 <b>API Well Number:</b> 177024045700 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 19-APR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> DOMINION EXPLORATION &amp; PRODUCTION INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 5884 <b>Borehole TVD:</b> 5883 <b>Rkb Elevation:</b> 78 <b>Water Depth:</b> 337 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2550 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5570 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 624 <b>Lease Number:</b> G02236 <b>Well Name:</b> 004 <b>API Well Number:</b> 177024047900 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 19-APR-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> DOMINION EXPLORATION &amp; PRODUCTION INC <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 6750 <b>Borehole TVD:</b> 6750 <b>Rkb Elevation:</b> 73 <b>Water Depth:</b> 348 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6235 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 624	Date of Summary: 05-DEC-1980	First Sample Examined: 0
Lease Number: G02236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9125
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177024063500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 330
Public Info Code: Y 19-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7470 / 4609	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 12-DEC-1971	First Sample Examined: 1150
Lease Number: G02026	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13340
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13340
API Well Number: 177024001200	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13310	Water Depth: 329
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	POS AT 1
1270 /	DEF AT cement	DEF AT 1
1330 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1450 /	DEF AT local marker benthic foram increase	DEF AT 2
1600 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1660 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehisceus (acme)	DEF AT 5
1690 /	DEF AT local marker deep water fauna	DEF AT 6
1750 /	DEF AT local marker benthic foram increase	DEF AT 4
2200 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2320 /	POS AT local marker foram increase	DEF IN 3
2350 /	DEF AT local marker foram decrease	DEF AT 3
2439 /	DEF AT pyrite	DEF AT 3
2440 /	DEF AT local marker planktic foram increase	DEF AT 3
2560 /	DEF AT faunal change (no faunal increase)	DEF IN 3
2650 /	DEF AT local marker foram decrease	DEF AT 3
2770 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
2800 /	DEF AT local marker benthic foram increase	DEF AT 4
2830 /	DEF AT local marker foram decrease	DEF AT 3
2980 /	DEF AT local marker benthic foram increase	DEF AT 2
3010 /	POS AT local marker foram increase	DEF IN 2
3040 /	DEF AT cement	POS IN 2
3310 /	DEF AT faunal change (no faunal increase)	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 12-DEC-1971	First Sample Examined: 1150
Lease Number: G02026	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13340
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13340
API Well Number: 177024001200	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13310	Water Depth: 329
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3340 /	DEF AT local marker benthic foram increase	DEF AT 3
3430 /	DEF AT faunal change (no faunal increase)	DEF IN 2
3490 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3700 /	DEF AT local marker foram decrease	DEF IN 2
3760 /	DEF AT local marker foram increase	DEF AT 3
3970 /	DEF AT local marker benthic foram increase	DEF AT 3
4030 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4060 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4480 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4600 /	POS AT local marker foram increase	DEF IN 3
4750 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5020 /	POS AT local marker foram decrease	DEF IN 2
5620 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6420 /	DEF AT local marker foram decrease	DEF AT 1
6630 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7470 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7529 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7530 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
7710 /	POS AT local marker foram decrease	DEF IN 3
7830 /	DEF IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 3
7980 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8070 /	DEF AT local marker foram increase	DEF IN 4
8130 /	DEF AT local marker foram decrease	DEF AT 4
8280 /	DEF AT local marker benthic foram increase	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 12-DEC-1971	First Sample Examined: 1150
Lease Number: G02026	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13340
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13340
API Well Number: 177024001200	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13310	Water Depth: 329
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 /	DEF AT reworked material	POS AT 3
8520 /	DEF AT reworked material	POS AT 2
8700 /	DEF AT reworked material	POS AT 3
9000 /	DEF AT local marker benthic foram increase	DEF AT 2
9030 /	DEF AT faunal change (no faunal increase)	DEF IN 2
9870 /	DEF AT local marker benthic foram increase	DEF IN 2
10630 /	DEF AT local marker benthic foram increase	DEF AT 3
10660 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10840 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
10870 /	POS AT local marker foram decrease	DEF IN 3
11050 /	DEF AT local marker foram decrease	DEF AT 3
11140 /	DEF AT gray shale	DEF IN 2
11290 /	DEF AT local marker benthic foram increase	DEF IN 2
11420 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11450 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11480 /	DEF AT Bathysiphon fauna	DEF AT 5
11510 /	DEF AT reworked material	POS IN 3
11810 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11840 /	DEF AT local marker (general)	DEF AT 3
11930 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11960 /	DEF AT local marker foram decrease	DEF IN 2
12020 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12200 /	DEF AT faunal change (no faunal increase)	DEF IN 2
12500 /	DEF AT local marker benthic foram increase	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 12-DEC-1971	First Sample Examined: 1150
Lease Number: G02026	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13340
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13340
API Well Number: 177024001200	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13310	Water Depth: 329
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12530 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
12590 /	POS AT local marker foram decrease	DEF IN 3
12620 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
12800 /	DEF AT local marker foram increase	DEF AT 4
12860 /	POS AT local marker foram decrease	DEF IN 3
12890 /	DEF AT faunal change (no faunal increase)	DEF IN 2
13010 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13070 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
13130 /	DEF AT Bathysiphon fauna	DEF AT 5
13190 /	DEF AT local marker foram decrease	DEF AT 4
13280 /	POS AT reworked material	DEF AT 2
13310 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13340 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 18-AUG-1983	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5081
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 4100
API Well Number: 177024076900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: Depth=TVD; in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3131 / 2717	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5081
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 4100
API Well Number: 177024076900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4773 / 3888	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 11-AUG-1983	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5265
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 4058
API Well Number: 177024077000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3145 / 2693	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 638	Date of Summary: 12-OCT-1983	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12528
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 7418
API Well Number: 177024078000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3123 / 2812	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 639	Date of Summary: 09-NOV-1995	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12200
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 6842
API Well Number: 177024027100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 375
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5160 / 3257	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6990 / 3946	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 639	Date of Summary: 09-NOV-1995	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9827
Well Name: A023	Paleo Done By: OPERATOR	Borehole TVD: 5118
API Well Number: 177024027401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 / 3887	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 639	Date of Summary:	First Sample Examined: 0
Lease Number: G02026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10954
Well Name: A024	Paleo Done By: OPERATOR	Borehole TVD: 7238
API Well Number: 177024028200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 375
Public Info Code: Y 28-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 4148	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 643	Date of Summary:	First Sample Examined: 0
Lease Number: G02241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8131
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 5364
API Well Number: 177024056400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 375
Public Info Code: Y 05-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4063 / 3145	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 643	Date of Summary:	First Sample Examined: 0
Lease Number: G02241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8606
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 4363
API Well Number: 177024059100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 375
Public Info Code: Y 21-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7282 / 3921	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WC 643 <b>Lease Number:</b> G02241 <b>Well Name:</b> B005 <b>API Well Number:</b> 177024059100 <b>Paleo Report Num:</b> 2 of 2 <b>Public Info Code:</b> Y 21-OCT-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TENNECO OIL COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 8606 <b>Borehole TVD:</b> 4363 <b>Rkb Elevation:</b> 97 <b>Water Depth:</b> 375 <b>Paleo ID:</b> 002</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3925 / 3016	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 645	Date of Summary: 15-JAN-1999	First Sample Examined: 0
Lease Number: G03973	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9677
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8629
API Well Number: 177024074700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 450
Public Info Code: Y 23-APR-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5140 / 4555	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
9170 / 8123	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 645	Date of Summary: 27-JUL-1983	First Sample Examined: 0
Lease Number: G03973	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13235
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11653
API Well Number: 177024075500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 432
Public Info Code: Y 08-AUG-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10960 / 9794	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 645	Date of Summary: 11-AUG-1998	First Sample Examined: 0
Lease Number: G03973	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10096
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8532
API Well Number: 177024076600	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 432
Public Info Code: Y 10-NOV-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 8415	DEF AT Cyclammina sp. (local marker)	DEF AT 0
10040 / 8475	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 645	Date of Summary: 09-JAN-1986	First Sample Examined: 0
Lease Number: G04411	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14525
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9310
API Well Number: 177024088200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 432
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 5456	POS IN Lower Pleistocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 646	Date of Summary: 09-AUG-1989	First Sample Examined: 1560
Lease Number: G04411	Source of Paleo: OPERATOR	Borehole MD: 14990
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14990
API Well Number: 177024096300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1560 - 14990	Water Depth: 435
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1575 /	DEF AT local marker floral increase	DEF AT 3
1590 /	DEF AT -----	DEF AT 3
2070 /	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2130 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2310 /	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 4
2790 /	POS AT -----	DEF AT 3
3630 /	DEF AT local marker floral increase	DEF AT 3
3780 /	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT 3
4230 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4290 /	DEF AT -----	DEF AT 4
4920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5580 /	DEF AT -----	DEF AT 3
5850 /	DEF AT reworked material	DEF AT 3
6750 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 3
7110 /	DEF AT -----	DEF AT 4
7380 /	DEF AT -----	DEF AT 3
10650 /	DEF AT -----	DEF AT 4
10755 /	DEF AT local marker floral increase	DEF AT 4
10770 /	DEF AT reworked material	DEF AT 4
11730 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11880 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
12330 /	DEF AT -----	DEF AT 3

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 646	Date of Summary: 09-AUG-1989	First Sample Examined: 1560
Lease Number: G04411	Source of Paleo: OPERATOR	Borehole MD: 14990
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14990
API Well Number: 177024096300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1560 - 14990	Water Depth: 435
Public Info Code: Y 25-OCT-1990	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12570 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
13950 /	DEF AT local marker floral increase	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 646	<b>Date of Summary:</b> 14-SEP-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04411	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14990
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14990
<b>API Well Number:</b> 177024096300	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 435
<b>Public Info Code:</b> Y 25-OCT-1990	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2130 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 0
4230 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
11730 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
12570 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 28-JAN-1981	First Sample Examined: 3290
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 11185
Well Name: A001	Paleo Done By: BILL BOULDEN	Borehole TVD: 9590
API Well Number: 177024064600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 3290 - 9830	Water Depth: 395
Public Info Code: Y 12-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3290 / 3047	DEF AT first sample examined	DEF AT 1
3470 / 3199	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 1
3770 / 3453	DEF AT faunal change (no faunal increase)	DEF AT 2
3920 / 3580	DEF AT faunal change (no faunal increase)	DEF AT 1
4020 / 3665	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
8660 / 7602	DEF AT cement	POS AT 1
8720 / 7653	POS AT faunal change (no faunal increase)	DEF AT 1
9470 / 8313	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	POS AT 1
9830 / 8610	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 28-JAN-1981	First Sample Examined: 9740
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 11185
Well Name: A001	Paleo Done By: BILL BOULDEN	Borehole TVD: 9590
API Well Number: 177024064600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 9740 - 11180	Water Depth: 395
Public Info Code: Y 12-MAR-1991	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
9740 / 8538	POS AT first sample examined	POS AT 2
9741 / 8539	POS AT poor sample interval top	DEF AT 2
9800 / 8586	DEF AT faunal change (no faunal increase)	DEF AT 1
9830 / 8610	DEF AT faunal change (no faunal increase)	POS AT 1
10400 / 9049	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS IN 2
10430 / 9071	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
10460 / 9093	POS AT faunal change (no faunal increase)	POS AT 1
11149 / 9592	DEF AT poor sample interval bottom	POS AT 1
11180 / 9612	DEF AT last sample examined	POS AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 24-MAR-1981	First Sample Examined: 3040
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 6235
Well Name: A002	Paleo Done By: BILL BOULDEN	Borehole TVD: 6127
API Well Number: 177024065600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3040 - 6220	Water Depth: 395
Public Info Code: Y 16-APR-1991	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 / 3021	DEF AT first sample examined	DEF AT 1
3850 / 3788	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
6220 / 6112	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 10-APR-1981	First Sample Examined: 3370
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 7430
Well Name: A003	Paleo Done By: BILL BOULDEN	Borehole TVD: 6121
API Well Number: 177024065900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3370 - 7420	Water Depth: 395
Public Info Code: Y 05-MAY-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3370 / 2982	DEF AT first sample examined	POS AT 2
3400 / 3003	DEF AT faunal change (no faunal increase)	DEF AT 2
3460 / 3044	DEF AT faunal change (no faunal increase)	DEF AT 3
3520 / 3086	DEF AT faunal change (no faunal increase)	DEF AT 2
3730 / 3230	DEF AT faunal change (no faunal increase)	DEF AT 1
4420 / 3762	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5110 / 4308	POS AT unconformity	DEF AT 1
7420 / 6114	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 648	<b>Date of Summary:</b> 07-MAY-1981	<b>First Sample Examined:</b> 3270
<b>Lease Number:</b> G04268	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8242
<b>Well Name:</b> A004	<b>Paleo Done By:</b> BILL BOULDEN	<b>Borehole TVD:</b> 6112
<b>API Well Number:</b> 177024066200	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3270 - 8220	<b>Water Depth:</b> 395
<b>Public Info Code:</b> Y 29-MAY-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 / 3004	DEF AT first sample examined	DEF AT 1
3810 / 3334	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
3990 / 3444	DEF AT faunal change (no faunal increase)	DEF AT 1
5370 / 4310	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
8220 / 6114	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 29-JUL-1981	First Sample Examined: 3370
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 10957
Well Name: A005	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9392
API Well Number: 177024066500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3370 - 11410	Water Depth: 395
Public Info Code: Y 10-SEP-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3014	DEF AT first sample examined	POS AT 1
3490 / 3104	DEF AT faunal change (no faunal increase)	DEF AT 1
4329 / 3754	POS AT unconformity	DEF AT 1
4330 / 3755	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4960 / 4266	DEF AT faunal change (no faunal increase)	POS AT 1
5140 / 4414	DEF AT faunal change (no faunal increase)	DEF AT 1
5380 / 4607	POS AT unconformity	DEF AT 1
9040 / 7682	DEF AT cement	POS AT 1
9640 / 8218	DEF AT faunal change (no faunal increase)	DEF AT 1
9670 / 8246	POS AT unconformity	POS AT 2
9760 / 8329	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 2
9850 / 8413	DEF AT faunal change (no faunal increase)	POS AT 3
9910 / 8470	DEF AT faunal change (no faunal increase)	DEF AT 2
10000 / 8556	DEF AT faunal change (no faunal increase)	POS AT 2
10060 / 8614	DEF AT faunal change (no faunal increase)	DEF AT 1
10090 / 8643	POS AT unconformity	DEF AT 1
10240 / 8788	POS AT unconformity	DEF AT 1
11080 /	DEF AT cement	POS AT 1
11410 /	DEF AT last sample examined	POS AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 12-SEP-1981	First Sample Examined: 2700
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 4637
Well Name: A006	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 3836
API Well Number: 177024067700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 2700 - 4637	Water Depth: 395
Public Info Code: Y 01-OCT-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2700 / 2507	DEF AT first sample examined	DEF AT 1
2790 / 2583	DEF AT faunal change (no faunal increase)	POS AT 1
2820 / 2612	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 1
3210 / 2893	DEF AT faunal change (no faunal increase)	DEF AT 2
3360 / 2995	DEF AT faunal change (no faunal increase)	DEF AT 3
3570 / 3138	DEF AT faunal change (no faunal increase)	DEF AT 2
3600 / 3158	DEF AT faunal change (no faunal increase)	DEF AT 1
3960 / 3404	DEF AT faunal change (no faunal increase)	POS AT 1
4110 / 3507	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4200 / 3568	POS AT local marker benthic foram increase	DEF AT 1
4400 / 3707	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4637 / 3871	DEF AT last sample examined	DEF AT 1

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<b>Area Block:</b> WC 648	<b>Date of Summary:</b> 07-NOV-1981	<b>First Sample Examined:</b> 3010
<b>Lease Number:</b> G04268	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11765
<b>Well Name:</b> A007	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 11612
<b>API Well Number:</b> 177024068700	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3010 - 7200	<b>Water Depth:</b> 395
<b>Public Info Code:</b> Y 28-NOV-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 / 3010	DEF AT first sample examined	DEF AT 3
3100 / 3100	DEF AT faunal change (no faunal increase)	DEF AT 2
3160 / 3160	DEF AT faunal change (no faunal increase)	DEF AT 1
3820 / 3820	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
7200 / 7068	DEF AT last sample examined	POS AT 1

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<b>Area Block:</b> WC 648	<b>Date of Summary:</b> 07-NOV-1981	<b>First Sample Examined:</b> 7020
<b>Lease Number:</b> G04268	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11765
<b>Well Name:</b> A007	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 11612
<b>API Well Number:</b> 177024068700	<b>Drilling Operator:</b> SUN OIL COMPANY	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7020 - 11765	<b>Water Depth:</b> 395
<b>Public Info Code:</b> Y 28-NOV-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 / 6894	DEF AT first sample examined	POS AT 1
7080 / 6952	DEF AT faunal change (no faunal increase)	DEF AT 1
8118 / 7972	POS AT unconformity	DEF AT 1
8120 / 7974	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
8150 / 8004	DEF AT faunal change (no faunal increase)	DEF AT 3
8240 / 8094	DEF AT faunal change (no faunal increase)	DEF AT 2
8270 / 8124	DEF AT faunal change (no faunal increase)	DEF AT 1
10468 /10320	POS AT unconformity	DEF AT 0
10470 /10322	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
10530 /10382	DEF AT faunal change (no faunal increase)	DEF AT 2
10710 /10562	DEF AT faunal change (no faunal increase)	DEF AT 1
10830 /10682	POS AT unconformity	POS AT 1
11010 /10862	DEF AT unconformity	DEF AT 2
11040 /10892	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
11160 /11012	DEF AT faunal change (no faunal increase)	DEF AT 3
11220 /11072	DEF AT faunal change (no faunal increase)	DEF AT 4
11370 /11222	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11460 /11312	DEF AT faunal change (no faunal increase)	DEF AT 3
11490 /11342	DEF AT unconformity	POS AT 1
11520 /11372	DEF AT faunal change (no faunal increase)	DEF AT 1
11765 /11616	DEF AT last sample examined	DEF AT 1

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 30-NOV-1981	First Sample Examined: 3100
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 8763
Well Name: A008	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 6048
API Well Number: 177024069800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3100 - 8763	Water Depth: 395
Public Info Code: Y 25-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 2509	DEF AT first sample examined	POS AT 1
3101 / 2510	DEF AT cement	POS AT 1
3280 / 2621	DEF AT faunal change (no faunal increase)	DEF AT 1
5020 / 3711	DEF AT local marker benthic foram increase	DEF AT 1
5230 / 3842	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
5530 / 4028	DEF AT faunal change (no faunal increase)	DEF AT 1
8763 / 6049	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 11-JAN-1982	First Sample Examined: 3360
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 8751
Well Name: A009	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 4870
API Well Number: 177024070300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3360 - 8770	Water Depth: 395
Public Info Code: Y 30-JAN-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 / 2506	DEF AT first sample examined	DEF AT 1
3361 / 2506	DEF AT Wisconsin fauna (local marker)	DEF AT 1
4410 / 2854	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 2
4530 / 2906	DEF AT faunal change (no faunal increase)	POS AT 3
4590 / 2933	DEF AT faunal change (no faunal increase)	DEF AT 3
4830 / 3050	DEF AT faunal change (no faunal increase)	DEF AT 2
5580 / 3407	DEF AT faunal change (no faunal increase)	POS AT 3
5639 / 3436	DEF AT faunal change (no faunal increase)	DEF AT 3
6060 / 3643	DEF AT faunal change (no faunal increase)	POS AT 3
6180 / 3703	DEF AT faunal change (no faunal increase)	DEF AT 2
6390 / 3810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6480 / 3856	DEF AT faunal change (no faunal increase)	DEF AT 3
6870 / 4051	DEF AT faunal change (no faunal increase)	DEF AT 2
7020 / 4123	DEF AT faunal change (no faunal increase)	DEF AT 1
7320 / 4261	DEF AT faunal change (no faunal increase)	DEF AT 2
7500 / 4342	DEF AT faunal change (no faunal increase)	DEF AT 1
8640 / 4825	POS AT faunal change (no faunal increase)	POS AT 1
8770 /	DEF AT last sample examined	POS AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 15-FEB-1982	First Sample Examined: 3670
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 10340
Well Name: A010	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8617
API Well Number: 177024070500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3670 - 10720	Water Depth: 395
Public Info Code: Y 10-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3670 /	DEF AT first sample examined	POS AT 1
3939 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4750 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
9130 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 1
9820 /	POS AT faunal change (no faunal increase)	DEF AT 2
9970 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10000 /	DEF AT poor sample interval top	POS AT 3
10300 / 8586	POS AT faunal change (no faunal increase)	DEF AT 1
10569 /	DEF AT poor sample interval bottom	POS AT 1
10570 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10720 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 12-MAR-1982	First Sample Examined: 2780
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 7975
Well Name: A011	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 6108
API Well Number: 177024070800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 2780 - 7975	Water Depth: 395
Public Info Code: Y 01-APR-1992	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2780 / 2522	DEF AT first sample examined	POS AT 1
2840 / 2562	DEF AT faunal change (no faunal increase)	DEF AT 1
3890 / 3264	DEF AT faunal change (no faunal increase)	DEF IN 2
3950 / 3304	DEF AT faunal change (no faunal increase)	DEF AT 3
4160 / 3444	DEF AT faunal change (no faunal increase)	DEF AT 2
4220 / 3483	DEF AT faunal change (no faunal increase)	DEF AT 1
5420 / 4280	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
7975 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary:	First Sample Examined: 3140
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 11256
Well Name: A014	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9180
API Well Number: 177024071000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 3	Sample Range: 3140 - 9320	Water Depth: 395
Public Info Code: Y 08-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3140 / 3010	DEF AT first sample examined	POS AT 1
3141 / 3011	DEF AT cement	POS AT 1
4460 / 4023	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5630 / 4914	DEF AT faunal change (no faunal increase)	DEF AT 2
5840 / 5075	DEF AT faunal change (no faunal increase)	DEF AT 1
6350 / 5462	DEF AT non-marine sediment	DEF AT 0
6500 / 5576	DEF AT faunal change (no faunal increase)	POS AT 1
6530 / 5599	DEF AT faunal change (no faunal increase)	DEF AT 1
8960 / 7534	DEF AT faunal change (no faunal increase)	DEF AT 0
9110 / 7650	DEF AT faunal change (no faunal increase)	POS AT 1
9320 / 7815	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary:	First Sample Examined: 9320
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 11256
Well Name: A014	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9180
API Well Number: 177024071000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 2 of 3	Sample Range: 9320 - 11210	Water Depth: 395
Public Info Code: Y 08-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9320 / 7815	DEF AT first sample examined	POS AT 1
9380 / 7860	DEF AT faunal change (no faunal increase)	DEF AT 1
9440 / 7907	DEF AT faunal change (no faunal increase)	DEF AT 0
9891 / 8263	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 1
9980 / 8326	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 1
10460 / 8691	DEF AT faunal change (no faunal increase)	DEF AT 3
10520 / 8731	DEF AT faunal change (no faunal increase)	DEF AT 4
10580 / 8771	DEF AT faunal change (no faunal increase)	POS AT 3
10610 / 8791	DEF AT faunal change (no faunal increase)	POS AT 2
10670 / 8830	DEF AT faunal change (no faunal increase)	POS AT 3
10730 / 8870	DEF AT faunal change (no faunal increase)	DEF AT 0
11090 / 9115	DEF AT faunal change (no faunal increase)	POS AT 1
11150 / 9158	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary:	First Sample Examined: 11090
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 11256
Well Name: A014	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9180
API Well Number: 177024071000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 3 of 3	Sample Range: 11090 - 11240	Water Depth: 395
Public Info Code: Y 08-JUL-1992	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11040 / 9080	DEF AT first sample examined	DEF AT 1
11210 / 9202	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 23-JUL-1982	First Sample Examined: 2790
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 7719
Well Name: A015	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 4921
API Well Number: 177024072200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 2790 - 7720	Water Depth: 395
Public Info Code: Y 03-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2790 / 2556	DEF AT first sample examined	DEF AT 1
4560 / 3454	POS AT unconformity	DEF AT 2
4590 / 3469	DEF AT faunal change (no faunal increase)	POS AT 3
4621 / 3483	DEF AT faunal change (no faunal increase)	DEF AT 3
4860 / 3599	DEF AT faunal change (no faunal increase)	DEF AT 2
4950 / 3642	DEF AT faunal change (no faunal increase)	DEF AT 3
4980 / 3657	DEF AT faunal change (no faunal increase)	DEF AT 2
5040 / 3687	POS AT unconformity	DEF AT 1
5790 / 4065	DEF AT poor sample interval top	DEF AT 1
6450 / 4406	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
7719 / 5084	DEF AT poor sample interval bottom	DEF AT 1
7720 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 13-OCT-1982	First Sample Examined: 3430
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 13153
Well Name: A016	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9298
API Well Number: 177024072500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3430 - 11573	Water Depth: 395
Public Info Code: Y 06-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3430 / 3014	DEF AT first sample examined	POS AT 1
3431 / 3015	DEF AT cement	POS AT 1
3460 / 3034	DEF AT faunal change (no faunal increase)	DEF AT 1
4210 / 3543	POS AT unconformity	DEF AT 2
4240 / 3563	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
4630 / 3820	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5980 / 4755	DEF AT non-marine sediment	DEF AT 0
6130 / 4859	DEF AT local marker foram increase	DEF AT 1
6370 / 5061	DEF AT faunal change (no faunal increase)	DEF AT 2
6430 / 5106	POS AT unconformity	POS AT 1
6460 / 5133	DEF AT faunal change (no faunal increase)	DEF AT 1
11573 / 8510	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 648	Date of Summary: 13-OCT-1982	First Sample Examined: 11325
Lease Number: G04268	Source of Paleo: OPERATOR	Borehole MD: 12060
Well Name: A016	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9698
API Well Number: 177024072501	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 11325 - 13153	Water Depth: 395
Public Info Code: Y 14-DEC-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
11325 / 9061	DEF AT first sample examined	POS AT 1
11326 / 9062	DEF AT poor sample interval top	POS AT 1
11327 / 9063	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
11600 / 9299	DEF AT poor sample interval bottom	POS AT 1
11629 / 9324	POS AT unconformity	POS AT 1
11630 / 9325	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	POS AT 1
11690 / 9377	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11780 / 9455	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
12859 /	POS AT unconformity	DEF AT 0
12860 /	DEF AT non-marine sediment	DEF AT 0
13130 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 660	<b>Date of Summary:</b> 06-OCT-1989	<b>First Sample Examined:</b> 1620
<b>Lease Number:</b> G06611	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6242
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6242
<b>API Well Number:</b> 177024096000	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1620 - 6242	<b>Water Depth:</b> 500
<b>Public Info Code:</b> Y 30-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1620 /	DEF AT first sample examined	DEF AT
2910 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2970 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6242 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 661	<b>Date of Summary:</b> 01-SEP-1989	<b>First Sample Examined:</b> 1910
<b>Lease Number:</b> G06612	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15406
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14845
<b>API Well Number:</b> 177024096200	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1910 - 15406	<b>Water Depth:</b> 484
<b>Public Info Code:</b> Y 29-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1910 / 1910	DEF AT first sample examined	DEF AT 0
2800 / 2800	DEF AT -----	DEF AT 4
2910 / 2910	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3690 / 3690	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6869 / 6869	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
6870 / 6870	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9630 / 9528	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
11400 /11112	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
11670 /11358	DEF AT -----	DEF AT 5
11700 /11385	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11730 /11412	DEF AT -----	DEF AT 4
12150 /11798	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
12240 /11881	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 4
15406 /14848	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 661	Date of Summary: 18-JUL-1991	First Sample Examined: 0
Lease Number: G06612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15406
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14845
API Well Number: 177024096200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 484
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4011 / 4011	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6808 / 6808	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
11700 / 11385	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 661	Date of Summary: 23-MAY-1990	First Sample Examined: 0
Lease Number: G06612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 177024099400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 486
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6390 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8910 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 661	Date of Summary: 20-JUL-1990	First Sample Examined: 1770
Lease Number: G06612	Source of Paleo: OPERATOR	Borehole MD: 10400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 177024099400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 1770 - 10400	Water Depth: 486
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1770 /	DEF AT first sample examined	DEF AT 2
2280 /	DEF AT -----	DEF AT 3
2520 /	DEF AT -----	DEF AT 4
2760 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4380 /	DEF AT -----	DEF AT 0
4650 /	DEF AT -----	DEF AT 3
5580 /	DEF AT -----	DEF AT 4
5940 /	DEF AT -----	DEF AT 3
6120 /	DEF AT -----	DEF AT 4
6390 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6780 /	DEF AT -----	DEF AT 3
6840 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
6990 /	DEF AT -----	DEF AT 4
7650 /	DEF AT -----	DEF AT 3
8820 /	DEF AT -----	DEF AT 4
8880 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
8910 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praeahirsuta	DEF AT 4
9420 /	DEF AT -----	DEF AT 5
9600 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
9601 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9750 /	DEF AT -----	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WC 661	<b>Date of Summary:</b> 20-JUL-1990	<b>First Sample Examined:</b> 1770
<b>Lease Number:</b> G06612	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10400
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10400
<b>API Well Number:</b> 177024099400	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1770 - 10400	<b>Water Depth:</b> 486
<b>Public Info Code:</b> Y 29-JUL-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10320 /	DEF AT -----	DEF AT 5
10400 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 661	Date of Summary: 31-MAY-1990	First Sample Examined: 0
Lease Number: G06612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9263
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177024099401	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 486
Public Info Code: Y 29-JUL-1990	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 3390	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6370 / 6365	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8810 / 8600	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WC 663	Date of Summary: 30-JAN-1986	First Sample Examined: 0
Lease Number: G06613	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11180
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10132
API Well Number: 177024087600	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 368
Public Info Code: Y 30-JUN-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 / 3789	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 0
6340 / 6169	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 0
9220 / 8600	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 21	Date of Summary: 25-SEP-1996	First Sample Examined: 0
Lease Number: G01447	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17142
Well Name: Z005	Paleo Done By: OPERATOR	Borehole TVD: 17142
API Well Number: 177194023400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 26-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3190 /	POS AT Pliocene	DEF AT 0
4570 /	POS IN Pliocene	DEF AT 0
7740 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 27	Date of Summary: 22-DEC-1983	First Sample Examined: 0
Lease Number: G04473	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12159
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12159
API Well Number: 177194029400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 22-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4054 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7280 /	POS AT Upper (Late) Miocene	DEF AT 0
7630 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
9800 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
11150 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11680 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 27	<b>Date of Summary:</b> 23-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04473	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10450
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10019
<b>API Well Number:</b> 177194022600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 10-JUN-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 4169	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7075 / 6867	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7530 / 7296	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8505 / 8214	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9715 / 9349	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 27	Date of Summary: 09-FEB-2000	First Sample Examined: 0
Lease Number: G04473	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10510
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9934
API Well Number: 177194023500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 25-JUL-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4960 / 4865	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7094 / 6751	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7591 / 7206	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7868 / 7463	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8542 / 8091	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9692 / 9166	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 27	Date of Summary: 14-JUN-1984	First Sample Examined: 0
Lease Number: G04473	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12143
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10006
API Well Number: 177194030500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 26-DEC-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4915 / 4866	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7415 / 6727	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8098 / 7181	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8471 / 7421	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9337 / 8036	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11054 / 9235	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 27	Date of Summary: 23-SEP-1983	First Sample Examined: 0
Lease Number: G04893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10895
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9985
API Well Number: 177194029500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 14-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4948 / 4893	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7425 / 6888	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
8164 / 7469	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8479 / 7716	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9071 / 8186	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10270 / 9180	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 27	<b>Date of Summary:</b> 15-JUN-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04893	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11275
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9949
<b>API Well Number:</b> 177194031100	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 37
<b>Public Info Code:</b> Y 14-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6632 / 6172	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
7225 / 6651	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7732 / 7061	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8743 / 7867	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9226 / 8260	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10500 / 9291	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 27	<b>Date of Summary:</b> 20-JUL-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G21689	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10880
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10594
<b>API Well Number:</b> 177194028400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4900 - 6400	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 14-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4868	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6470 / 6366	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7800 / 7637	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8300 / 8120	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9400 / 9180	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 27	<b>Date of Summary:</b> 07-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G21689	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10895
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9985
<b>API Well Number:</b> 177194029501	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 14-JUN-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8460 / 7818	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8983 / 8252	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10140 / 9294	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 28	Date of Summary:	First Sample Examined: 0
Lease Number: 00384	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10457
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 9325
API Well Number: 177194013500	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 20-JUL-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 8589	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 28	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9808
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9807
API Well Number: 177194024200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 14-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 4120	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7330 / 7330	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8170 / 8170	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
8920 / 8919	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 28	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9808
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9807
API Well Number: 177194024200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 14-JUN-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 4120	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7390 / 7390	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8360 / 8360	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9160 / 9159	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 30	Date of Summary:	First Sample Examined: 0
Lease Number: 00026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3994
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 3994
API Well Number: 177194017100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 09-SEP-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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End Date: 31-DEC-1993

Area Block: WD 30	Date of Summary:	First Sample Examined: 0
Lease Number: 00026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5108
Well Name: J024	Paleo Done By: OPERATOR	Borehole TVD: 3703
API Well Number: 177194013900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 25-AUG-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3424 / 2888	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 30	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: 00026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5153
Well Name: P032	Paleo Done By: OPERATOR	Borehole TVD: 4060
API Well Number: 177194024701	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 20-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2933 / 2534	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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End Date: 31-DEC-1993

Area Block: WD 30	Date of Summary:	First Sample Examined: 0
Lease Number: 00026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5575
Well Name: T021	Paleo Done By: OPERATOR	Borehole TVD: 5046
API Well Number: 177194012600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 15-APR-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2897 / 2757	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 30	Date of Summary: 26-APR-2001	First Sample Examined: 0
Lease Number: 00026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5440
Well Name: T022	Paleo Done By: OPERATOR	Borehole TVD: 4923
API Well Number: 177194013100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 18-MAY-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2719	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 30	Date of Summary:	First Sample Examined: 0
Lease Number: 00026	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4224
Well Name: T023	Paleo Done By: OPERATOR	Borehole TVD: 4068
API Well Number: 177194013300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2178 / 2124	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 31	Date of Summary: 06-JUN-1996	First Sample Examined: 0
Lease Number: 00016	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9256
Well Name: L010	Paleo Done By: OPERATOR	Borehole TVD: 8687
API Well Number: 177194015000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 13-FEB-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3250 / 3245	POS AT Pliocene	DEF AT 0
7279 / 6904	POS AT Upper (Late) Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 31	Date of Summary: 17-JUL-1997	First Sample Examined: 0
Lease Number: 00016	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6648
Well Name: L011	Paleo Done By: OPERATOR	Borehole TVD: 6524
API Well Number: 177194030200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 06-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6530=BF ash

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6530 / 6411	DEF AT ash	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 31	Date of Summary: 31-OCT-1983	First Sample Examined: 0
Lease Number: 00016	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7630
Well Name: L012	Paleo Done By: OPERATOR	Borehole TVD: 7197
API Well Number: 177194030600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 16-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7274 / 6849	DEF AT ash	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 34	<b>Date of Summary:</b>	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03414	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15000
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14995
<b>API Well Number:</b> 177194014300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 01-DEC-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11130 /11129	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11400 /11399	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WD 34 <b>Lease Number:</b> G03414 <b>Well Name:</b> 002 <b>API Well Number:</b> 177194014300 <b>Paleo Report Num:</b> 2 of 2 <b>Public Info Code:</b> Y 01-DEC-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 15000 <b>Borehole TVD:</b> 14995 <b>Rkb Elevation:</b> 96 <b>Water Depth:</b> 35 <b>Paleo ID:</b> 002</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11130 /11129	DEF AT local marker (general)	DEF AT 0
11510 /11509	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12020 /12019	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
13310 /13309	DEF AT local marker (general)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 34	Date of Summary:	First Sample Examined: 0
Lease Number: G03414	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14030
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13827
API Well Number: 177194014400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 20-MAR-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 / 9171	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
9560 / 9519	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11210 /11114	DEF AT local marker (general)	DEF AT 0
11510 /11404	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
12020 /11896	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
13310 /13132	DEF AT local marker deep water fauna	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WD 34 <b>Lease Number:</b> G03414 <b>Well Name:</b> A004 <b>API Well Number:</b> 177194015400 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 18-MAY-1989</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 14600 <b>Borehole TVD:</b> 14345 <b>Rkb Elevation:</b> 94 <b>Water Depth:</b> 35 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8129	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11130 / 11035	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11400 / 11291	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 34 <b>Lease Number:</b> G03414 <b>Well Name:</b> A006 <b>API Well Number:</b> 177194016300 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 30-AUG-1989	<b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 14810 <b>Borehole TVD:</b> 14384 <b>Rkb Elevation:</b> 94 <b>Water Depth:</b> 55 <b>Paleo ID:</b> 001
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7910 / 7907	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12050 / 11812	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 34	Date of Summary: 07-OCT-1980	First Sample Examined: 0
Lease Number: G03414	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15109
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 14781
API Well Number: 177194016700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 30-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7660 / 7659	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
11230 / 11078	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 35	Date of Summary: 27-OCT-1971	First Sample Examined: 7000
Lease Number: G01069	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15000
Well Name: 006	Paleo Done By: LEE LATTA	Borehole TVD: 15000
API Well Number: 177192011100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 7000 - 15000	Water Depth: 66
Public Info Code: Y 19-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	POS AT 2
7165 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7780 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7915 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8705 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9505 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10215 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
11520 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
11825 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
12040 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
14827 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 5
14890 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14951 /	DEF AT deepwater facies Listerella fauna	DEF AT 6
15000 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 35	<b>Date of Summary:</b> 19-JUL-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01069	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14980
<b>Well Name:</b> 007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14980
<b>API Well Number:</b> 177194007400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 70
<b>Public Info Code:</b> Y 19-DEC-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13060 /13058	DEF IN Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 35	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G01069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14448
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 14448
API Well Number: 177194019300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 19-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8500	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
9250 / 9250	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
11100 /11099	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
11500 /11499	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 0
12000 /11999	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 0
14000 /13999	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 0
14800 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 35	Date of Summary: 07-OCT-1991	First Sample Examined: 10020
Lease Number: G01069	Source of Paleo: OPERATOR	Borehole MD: 16020
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16020
API Well Number: 177194054400	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 10020 - 16020	Water Depth: 65
Public Info Code: Y 19-DEC-1991	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 /10019	DEF AT first sample examined	DEF AT 3
11280 /11279	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11580 /11579	DEF AT faunal change (no faunal increase)	DEF AT 4
13980 /13979	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
14130 /14129	DEF AT faunal change (no faunal increase)	DEF AT 5
14430 /14429	DEF AT faunal change (no faunal increase)	DEF AT 6
14700 /14699	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
16020 /16019	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 35	Date of Summary: 19-APR-1985	First Sample Examined: 0
Lease Number: G01069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10755
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10740
API Well Number: 177192007901	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 19-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7395 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
8325 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8595 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0
9185 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10265 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0
10355 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 0
10615 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 0
11875 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 36	<b>Date of Summary:</b> 07-DEC-1984	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G05671	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14057
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14057
<b>API Well Number:</b> 177194034200	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1000 - 14010	<b>Water Depth:</b> 73
<b>Public Info Code:</b> Y 06-JUN-1991	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
4300 / 4300	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8010 / 8009	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9480 / 9479	DEF AT faunal change (no faunal increase)	DEF AT 3
9510 / 9509	DEF AT Cyclammina sp. (local marker)	DEF AT 3
9900 / 9899	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10650 / 10648	DEF AT faunal change (no faunal increase)	DEF AT 4
12150 / 12148	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12240 / 12238	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
13770 / 13768	DEF AT local marker foram increase	DEF AT 4
13860 / 13858	DEF AT Eggerella sp. (local marker)	DEF AT 5
13920 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
14010 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 50	Date of Summary: 27-OCT-1983	First Sample Examined: 0
Lease Number: G05050	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177194029800	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 22-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3036 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8863 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 60	Date of Summary: 26-NOV-1984	First Sample Examined: 1000
Lease Number: G05678	Source of Paleo: OPERATOR	Borehole MD: 16129
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16129
API Well Number: 177194032700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 1000 - 13150	Water Depth: 55
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 3
1810 /	DEF AT faunal change (no faunal increase)	DEF AT 4
1960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2890 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3250 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4300 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4330 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6190 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7240 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7960 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8620 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8740 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8980 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
10510 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13150 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 60	Date of Summary: 26-NOV-1984	First Sample Examined: 11988
Lease Number: G05678	Source of Paleo: OPERATOR	Borehole MD: 16129
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16129
API Well Number: 177194032700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 11988 - 16160	Water Depth: 55
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11988 /	DEF AT first sample examined	DEF IN 4
11989 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
13170 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
15650 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
16160 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 61	<b>Date of Summary:</b> 19-JUL-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03186	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11981
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11981
<b>API Well Number:</b> 177194028100	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 29-APR-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7135 / 6943	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
7305 / 7091	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
7895 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0
8735 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
10790 /	DEF AT local marker (general)	DEF AT 0
11250 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 61	Date of Summary: 10-JAN-1984	First Sample Examined: 0
Lease Number: G03186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17867
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 16704
API Well Number: 177194029100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 28-SEP-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7487 / 7165	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
9260 / 8762	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 0
15220 /14236	DEF AT deepwater facies Listerella fauna	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 61	Date of Summary: 10-JUL-1978	First Sample Examined: 7000
Lease Number: G03601	Source of Paleo: OPERATOR	Borehole MD: 15201
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13558
API Well Number: 177194013200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 7000 - 15180	Water Depth: 114
Public Info Code: Y 20-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6768	DEF AT first sample examined	DEF AT 2
9960 / 9165	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10220 / 9379	DEF AT -----	DEF AT 3
10320 / 9461	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10710 / 9780	DEF AT -----	DEF AT 4
11010 /10029	DEF AT -----	DEF AT 3
12690 /11419	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13440 /12063	DEF AT local marker foram increase	DEF AT 5
13441 /12064	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
13723 /12309	DEF AT cement	DEF AT 0
13920 /12480	DEF AT -----	DEF AT 4
14070 /12611	DEF AT Eggerella 3 (local marker)	DEF AT 5
14160 /12689	DEF AT -----	DEF AT 4
15180 /13541	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 61	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: G03601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12440
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9570
API Well Number: 177194013401	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 140
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 31-OCT-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11048 / 8600	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
11497 / 8902	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 62	Date of Summary: 08-AUG-1979	First Sample Examined: 7210
Lease Number: G03601	Source of Paleo: OPERATOR	Borehole MD: 16186
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13963
API Well Number: 177194012800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 7210 - 16000	Water Depth: 120
Public Info Code: Y 30-AUG-1989	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7210 / 7008	DEF AT first sample examined	DEF AT 2
9760 / 9061	DEF AT -----	DEF AT 3
9850 / 9136	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10630 / 9788	DEF AT -----	DEF AT 4
10900 /10003	DEF AT -----	DEF AT 2
11860 /10743	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12600 /11301	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
13000 /11570	DEF AT -----	DEF AT 4
13840 /12173	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16000 /13810	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 62	Date of Summary: 08-AUG-1979	First Sample Examined: 14928
Lease Number: G03601	Source of Paleo: OPERATOR	Borehole MD: 16186
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13963
API Well Number: 177194012800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 14928 - 16130	Water Depth: 120
Public Info Code: Y 30-AUG-1989	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14928 /12977	DEF AT first sample examined	DEF AT 4
16130 /13914	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 62	Date of Summary: 09-JUN-1983	First Sample Examined: 7260
Lease Number: G03601	Source of Paleo: OPERATOR	Borehole MD: 14280
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13708
API Well Number: 177194027900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 7260 - 13760	Water Depth: 130
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7260 / 7260	DEF AT first sample examined	DEF AT 2
9890 / 9890	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10040 /10040	DEF AT faunal change (no faunal increase)	DEF AT 3
10070 /10070	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11809 /11708	POS AT unconformity	DEF AT 4
11810 /11709	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12380 /12219	DEF AT faunal change (no faunal increase)	DEF AT 3
12530 /12347	DEF AT faunal change (no faunal increase)	DEF AT 4
12740 /12518	DEF AT local marker foram increase	DEF AT 5
12920 /12662	DEF AT faunal change (no faunal increase)	DEF AT 4
13550 /13147	DEF AT Eggerella 3 (local marker)	DEF AT 5
13760 /13307	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 62	Date of Summary: 09-JUN-1983	First Sample Examined: 12510
Lease Number: G03601	Source of Paleo: OPERATOR	Borehole MD: 14280
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13708
API Well Number: 177194027900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 12510 - 14280	Water Depth: 130
Public Info Code: Y 24-MAY-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12510 /12330	DEF AT first sample examined	DEF AT 4
12690 /12477	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12810 /12575	DEF AT faunal change (no faunal increase)	DEF AT 4
13590 /13178	DEF AT Eggerella 3 (local marker)	DEF AT 5
14250 /13687	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 63	Date of Summary: 19-JAN-1969	First Sample Examined: 282
Lease Number: G02933	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177194015200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 282 - 11020	Water Depth: 112
Public Info Code: Y 06-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
282 /	DEF AT first sample examined	DEF AT 1
340 /	DEF AT sample gap top	DEF AT 0
999 /	DEF AT sample gap bottom	DEF AT 0
1000 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1120 /	DEF AT -----	DEF AT 1
1240 /	DEF AT -----	DEF AT 2
1540 /	DEF AT -----	DEF AT 3
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2320 /	DEF AT -----	DEF AT 2
2740 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3280 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3340 /	DEF AT -----	DEF AT 2
4480 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
4481 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4630 /	DEF AT -----	DEF AT 1
4720 /	DEF AT shell fragments	DEF AT 1
5380 /	DEF AT limestone	DEF AT 1
6880 /	DEF AT sand	DEF AT 1
7090 /	POS AT reworked material	DEF AT 1
7390 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8440 /	DEF AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 63	Date of Summary: 19-JAN-1969	First Sample Examined: 282
Lease Number: G02933	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177194015200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 282 - 11020	Water Depth: 112
Public Info Code: Y 06-FEB-1989	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8530 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8650 /	DEF AT local marker (general)	DEF AT 2
8890 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9610 /	POS AT Cyclammina cancellata (local marker)	DEF AT 2
9790 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
10120 /	DEF AT local marker foram increase	DEF AT 2
10480 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10570 /	DEF AT local marker (general)	DEF AT 3
10810 /	DEF AT local marker (general)	DEF AT 3
11020 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 63	Date of Summary: 22-FEB-1979	First Sample Examined: 4600
Lease Number: G02933	Source of Paleo: OPERATOR	Borehole MD: 12546
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10509
API Well Number: 177194015201	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 21-MAR-1989	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8660 / 7931	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
8840 / 8065	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
9650 / 8658	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9680 / 8680	DEF AT Arenaceous fauna (local marker)	DEF AT 1
10700 / 9329	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
11030 / 9491	DEF AT - - - - -	DEF AT 2
11120 / 9540	DEF AT local marker foram increase	DEF AT 2
11150 / 9557	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
11600 / 9834	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
12530 / 10498	POS IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 63	<b>Date of Summary:</b> 16-MAR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02933	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9400
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9400
<b>API Well Number:</b> 177194021400	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 25-NOV-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2130 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4530 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8760 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 63	Date of Summary: 24-MAY-1979	First Sample Examined: 390
Lease Number: G02933	Source of Paleo: OPERATOR	Borehole MD: 13125
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13125
API Well Number: 177194015900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 390 - 13125	Water Depth: 140
Public Info Code: Y 17-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
390 /	DEF AT first sample examined	DEF AT 1
960 /	DEF AT reefal material	DEF AT 1
1070 /	DEF AT -----	DEF AT 2
1100 /	DEF AT -----	DEF AT 4
1130 /	DEF AT -----	DEF AT 2
1160 /	DEF AT -----	DEF AT 1
1340 /	DEF AT reefal material	DEF AT 2
1400 /	DEF AT -----	DEF AT 1
1490 /	DEF AT -----	DEF AT 2
1610 /	POS AT local marker (general)	DEF AT 2
1730 /	DEF AT local marker foram increase	DEF AT 4
2000 /	DEF AT -----	DEF AT 3
2060 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2090 /	DEF AT local marker (general)	DEF AT 3
2270 /	DEF AT reefal material	DEF AT 3
2330 /	DEF AT shell fragments	DEF AT 2
2331 /	DEF AT sand	DEF AT 2
2610 /	DEF AT -----	DEF AT 3
2850 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3240 /	DEF AT local marker foram increase	DEF AT 3
3270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 63	Date of Summary: 24-MAY-1979	First Sample Examined: 390
Lease Number: G02933	Source of Paleo: OPERATOR	Borehole MD: 13125
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13125
API Well Number: 177194015900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 390 - 13125	Water Depth: 140
Public Info Code: Y 17-JUN-1989	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 /	DEF AT shell fragments	DEF AT 3
3900 /	DEF AT sand	DEF AT 2
4110 /	DEF AT -----	DEF AT 3
4260 /	DEF AT -----	DEF AT 2
4590 /	DEF AT -----	DEF AT 3
4650 /	DEF AT -----	DEF AT 2
4710 /	DEF AT -----	DEF AT 1
4980 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5010 /	DEF AT local marker (general)	DEF AT 1
5070 /	DEF AT local marker (general)	DEF AT 1
7950 /	POS AT Cyclamina cancellata (local marker)	DEF AT 2
8260 /	DEF AT sample gap top	DEF AT 0
8760 /	DEF AT sample gap bottom	DEF AT 0
8761 /	DEF AT -----	DEF AT 1
8850 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8970 /	DEF AT local marker (general)	DEF AT 1
9540 /	DEF AT -----	DEF AT 2
9570 /	DEF AT -----	DEF AT 1
9840 /	DEF AT -----	DEF AT 2
9870 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
10080 /	DEF AT -----	DEF AT 3
10110 /	DEF AT -----	DEF AT 2
10350 /	DEF AT -----	DEF AT 1
10470 /	DEF AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 63	<b>Date of Summary:</b> 24-MAY-1979	<b>First Sample Examined:</b> 390
<b>Lease Number:</b> G02933	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13125
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13125
<b>API Well Number:</b> 177194015900	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 390 - 13125	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 17-JUN-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10920 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
11400 /	DEF AT Eggerella 3 (local marker)	DEF AT 3
11460 /	DEF AT local marker (general)	DEF AT 3
12000 /	DEF AT local marker (general)	DEF AT 3
12300 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12600 /	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12840 /	DEF AT sand	DEF AT 3
13125 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 14-APR-1982	First Sample Examined: 10970
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17402
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17400
API Well Number: 177194024100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 3	Sample Range: 10970 - 12860	Water Depth: 112
Public Info Code: Y 18-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 /	DEF AT first sample examined	DEF IN 4
11600 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12110 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12860 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 28-JUN-1982	<b>First Sample Examined:</b> 10870
<b>Lease Number:</b> G01449	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17402
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17400
<b>API Well Number:</b> 177194024100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 10870 - 17402	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 18-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10870 /	DEF AT first sample examined	DEF IN 4
11560 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12760 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14170 /	DEF AT local marker (general)	DEF AT 4
17110 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
17402 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 22-JUL-1982	<b>First Sample Examined:</b> 10870
<b>Lease Number:</b> G01449	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17402
<b>Well Name:</b> 006	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 17400
<b>API Well Number:</b> 177194024100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 10870 - 17403	<b>Water Depth:</b> 112
<b>Public Info Code:</b> Y 18-AUG-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10870 /	DEF AT first sample examined	DEF AT 4
11530 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12040 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12730 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13450 /	DEF AT Bathysiphon fauna	DEF AT 5
14440 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
17403 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 15-FEB-1982	First Sample Examined: 10500
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17850
Well Name: E001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17733
API Well Number: 177194013000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 10500 - 17850	Water Depth: 88
Public Info Code: Y 03-MAR-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 /10434	DEF AT first sample examined	DEF AT 4
10501 /10435	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10620 /10554	DEF IN Eggerella 3 (local marker)	DEF AT 5
10830 /10764	DEF AT faunal change (no faunal increase)	DEF AT 4
11940 /11873	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13120 /13053	DEF AT Bathysiphon fauna	DEF AT 4
13500 /13433	DEF AT faunal change (no faunal increase)	DEF AT 5
14130 /14063	DEF AT faunal change (no faunal increase)	DEF AT 4
14760 /14693	DEF AT faunal change (no faunal increase)	DEF AT 5
15600 /15533	DEF AT poor sample interval top	POS AT 5
16588 /16506	DEF AT poor sample interval bottom	DEF AT 5
16589 /16507	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
16590 /16508	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
17040 /16945	DEF AT faunal change (no faunal increase)	DEF AT 4
17700 /17587	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
17820 /17704	DEF AT Bathysiphon fauna	DEF AT 5
17850 /17733	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 03-MAR-1982	First Sample Examined: 10500
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17850
Well Name: E001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17733
API Well Number: 177194013000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 10500 - 17850	Water Depth: 88
Public Info Code: Y 03-MAR-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 /10434	DEF AT first sample examined	DEF IN 4
11550 /11483	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11940 /11873	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
16590 /16508	DEF AT faunal change (no faunal increase)	DEF AT 5
16620 /16537	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
17850 /17733	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 21-DEC-1982	First Sample Examined: 10990
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17540
Well Name: E002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16184
API Well Number: 177194026600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 10990 - 16390	Water Depth: 88
Public Info Code: Y 16-JAN-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10990 / 9849	DEF AT first sample examined	DEF IN 4
13000 /11651	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13570 /12219	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14890 /13537	DEF AT local marker (general)	DEF AT 4
16390 /15036	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 21-DEC-1982	<b>First Sample Examined:</b> 16110
<b>Lease Number:</b> G01449	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17540
<b>Well Name:</b> E002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16184
<b>API Well Number:</b> 177194026600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 16110 - 17540	<b>Water Depth:</b> 88
<b>Public Info Code:</b> Y 16-JAN-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16110 /14757	DEF AT first sample examined	DEF AT 4
17340 /15985	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
17540 /16184	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 05-JUL-1983	First Sample Examined: 11020
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17675
Well Name: E003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16708
API Well Number: 177194027400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 4	Sample Range: 11020 - 16900	Water Depth: 88
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11020 /10069	DEF AT first sample examined	DEF IN 4
13010 /12059	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14770 /13812	DEF AT local marker (general)	DEF AT 4
16900 /15938	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 05-JUL-1983	<b>First Sample Examined:</b> 16160
<b>Lease Number:</b> G01449	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17675
<b>Well Name:</b> E003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16708
<b>API Well Number:</b> 177194027400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 16160 - 17675	<b>Water Depth:</b> 88
<b>Public Info Code:</b> Y 30-JUL-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 005

Remark: Report=sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16160 /15200	DEF AT first sample examined	DEF IN 4
17100 /16137	DEF AT faunal change (no faunal increase)	DEF AT 5
17250 /16287	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
17675 /16709	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 25-AUG-1983	First Sample Examined: 10000
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17675
Well Name: E003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16708
API Well Number: 177194027400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 3 of 4	Sample Range: 10000 - 16870	Water Depth: 88
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9050	DEF AT first sample examined	DEF AT 3
10001 / 9051	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10210 / 9260	DEF AT faunal change (no faunal increase)	DEF AT 4
10510 / 9560	DEF AT Eggerella 3 (local marker)	DEF AT 5
10900 / 9949	DEF AT faunal change (no faunal increase)	DEF AT 4
12230 /11279	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12500 /11549	DEF AT faunal change (no faunal increase)	DEF AT 3
13390 /12439	DEF AT faunal change (no faunal increase)	DEF AT 4
13780 /12826	DEF AT Bathysiphon fauna	DEF AT 5
14350 /13393	DEF AT faunal change (no faunal increase)	DEF AT 4
14650 /13692	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
14950 /13991	DEF AT faunal change (no faunal increase)	DEF AT 4
15670 /14711	DEF AT Eggerella 3 (local marker)	DEF AT 5
15850 /14891	DEF AT faunal change (no faunal increase)	DEF AT 4
16870 /15908	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 79	Date of Summary: 25-AUG-1983	First Sample Examined: 16590
Lease Number: G01449	Source of Paleo: OPERATOR	Borehole MD: 17675
Well Name: E003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16708
API Well Number: 177194027400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 4 of 4	Sample Range: 16590 - 17670	Water Depth: 88
Public Info Code: Y 30-JUL-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16590 /15629	DEF AT first sample examined	DEF AT 4
17130 /16167	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
17535 /16570	DEF AT cement	POS AT 5
17670 /16704	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 19-JUN-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01874	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12940
<b>Well Name:</b> C026	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12012
<b>API Well Number:</b> 177192008101	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 150
<b>Public Info Code:</b> Y 23-MAY-1989	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6358	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
9800 / 9165	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
12200 / 11327	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 24-SEP-1982	First Sample Examined: 0
Lease Number: G02934	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4035
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4035
API Well Number: 177194016200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 14-JUL-1989	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1158 / 1158	POS AT Pleistocene	DEF AT 0
3662 / 3661	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 08-JUL-1983	<b>First Sample Examined:</b> 6790
<b>Lease Number:</b> G02934	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16048
<b>Well Name:</b> 004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16035
<b>API Well Number:</b> 177194018000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6790 - 15880	<b>Water Depth:</b> 168
<b>Public Info Code:</b> Y 20-JAN-1990	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 /	DEF AT first sample examined	DEF IN 3
7330 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8800 /	DEF AT - - - - -	DEF AT 4
9760 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10720 /	DEF AT sample gap top	DEF AT 0
11320 /	DEF AT sample gap bottom	DEF AT 0
12400 /	DEF AT local marker (general)	DEF AT 4
12700 /	DEF AT local marker (general)	DEF AT 4
15880 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 24-SEP-1982	First Sample Examined: 0
Lease Number: G02934	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177194016900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 25-OCT-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 /	POS AT Pliocene	DEF AT 0
10000 /	POS AT Miocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 03-MAY-1983	First Sample Examined: 3370
Lease Number: G02934	Source of Paleo: OPERATOR	Borehole MD: 15022
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14134
API Well Number: 177194028000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 3370 - 15070	Water Depth: 143
Public Info Code: Y 09-MAY-1993	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3258	DEF AT first sample examined	DEF IN 3
3490 / 3368	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3790 / 3642	DEF AT - - - - -	DEF AT 3
5500 / 5204	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7870 / 7384	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8590 / 8051	DEF AT - - - - -	DEF AT 4
8710 / 8163	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10330 / 9687	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12730 / 11938	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13060 / 12256	DEF AT sample gap top	DEF AT 0
13130 / 12323	DEF AT sample gap bottom	DEF AT 0
13940 / 13102	DEF AT - - - - -	DEF AT 5
15070 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 10-JUN-1983	First Sample Examined: 0
Lease Number: G02934	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15022
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 14134
API Well Number: 177194028000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 09-MAY-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3679	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5233 / 4960	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 09-DEC-1983	First Sample Examined: 3480
Lease Number: G02934	Source of Paleo: OPERATOR	Borehole MD: 17769
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16579
API Well Number: 177194029900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 3480 - 17740	Water Depth: 143
Public Info Code: Y 11-DEC-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3192	DEF IN cement	DEF AT 0
3570 / 3269	DEF AT -----	DEF AT 3
3690 / 3372	DEF AT -----	DEF AT 4
3750 / 3423	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3780 / 3449	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4110 / 3734	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4380 / 3968	DEF AT -----	DEF AT 3
4980 / 4498	DEF AT local marker (general)	DEF AT 3
5910 / 5332	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6660 / 6011	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8450 / 7668	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9380 / 8523	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9830 / 8934	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12200 /11076	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14150 /12882	DEF AT -----	DEF AT 5
16870 /15559	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
17740 /16423	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 27-JAN-1984	First Sample Examined: 0
Lease Number: G02934	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17769
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 16579
API Well Number: 177194029900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 11-DEC-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4049 / 3681	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5474 / 4940	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5867 / 5293	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 16-JUL-1981	<b>First Sample Examined:</b> 3280
<b>Lease Number:</b> G04243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16653
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 16639
<b>API Well Number:</b> 177194020100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 3280 - 16600	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 23-MAY-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3280 / 3280	DEF AT first sample examined	DEF AT 2
3580 / 3580	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3820 / 3820	DEF AT - - - - -	DEF AT 2
5050 / 5050	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8500 / 8500	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
8620 / 8620	DEF AT - - - - -	DEF AT 3
9460 / 9460	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
9880 / 9880	DEF AT local marker foram increase	DEF AT 4
9881 / 9881	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10810 / 10809	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
11830 / 11829	POS AT unconformity	DEF AT 5
11831 / 11830	DEF AT local marker foram increase	DEF AT 5
14060 / 14056	DEF AT local marker foram increase	DEF AT 5
14530 / 14525	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
16000 / 15992	DEF AT local marker deep water fauna	DEF AT 7
16600 / 16587	DEF AT calcite	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16653
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16639
API Well Number: 177194020100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 23-MAY-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 / 3580	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5050 / 5050	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9880 / 9880	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0
10810 / 10809	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0
14530 / 14525	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 25-JAN-1982	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16653
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16639
API Well Number: 177194020100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 23-MAY-1991	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10826 /10825	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12091
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177194026400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 24-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3886	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5380 / 5290	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10000 / 9909	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 12-AUG-1982	First Sample Examined: 3315
Lease Number: G04243	Source of Paleo: OPERATOR	Borehole MD: 17104
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14569
API Well Number: 177194023900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 3	Sample Range: 3315 - 15690	Water Depth: 143
Public Info Code: Y 17-AUG-1992	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3315 / 3152	DEF AT first sample examined	DEF IN 3
3635 / 3416	DEF AT - - - - -	DEF AT 4
3725 / 3491	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3935 / 3667	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4325 / 3997	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4505 / 4149	DEF AT - - - - -	DEF AT 3
5715 / 5166	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6075 / 5473	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7125 / 6373	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9765 / 8566	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9825 / 8616	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11955 / 10421	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12825 / 11172	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13275 / 11571	DEF AT - - - - -	DEF AT 5
15690 / 13576	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 12-AUG-1982	<b>First Sample Examined:</b> 14225
<b>Lease Number:</b> G04243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17104
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14569
<b>API Well Number:</b> 177194023900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 14225 - 17104	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 17-AUG-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14225 /12422	DEF AT first sample examined	DEF AT 4
14645 /12766	DEF AT - - - - -	DEF AT 5
17104 /14659	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17104
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14569
API Well Number: 177194023900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 17-AUG-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3986 / 3710	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5484 / 4971	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 01-AUG-1983	First Sample Examined: 3920
Lease Number: G04243	Source of Paleo: OPERATOR	Borehole MD: 15410
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14066
API Well Number: 177194025600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 3920 - 15410	Water Depth: 143
Public Info Code: Y 09-AUG-1993	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3920 / 3590	DEF AT first sample examined	DEF IN 3
3980 / 3641	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4880 / 4405	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5360 / 4814	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5420 / 4865	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6410 / 5707	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8630 / 7626	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9800 / 8685	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
15410 / 14067	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 29-AUG-1983	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15410
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14066
API Well Number: 177194025600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 09-AUG-1993	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5531 / 4959	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
5930 / 5299	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 07-DEC-1982	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G04243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8390
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6034
<b>API Well Number:</b> 177194027300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 1000 - 8380	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 02-JAN-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 998	DEF AT first sample examined	DEF IN 2
1120 / 1116	DEF AT - - - - -	DEF AT 3
2020 / 1927	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2770 / 2380	DEF AT - - - - -	DEF AT 5
3850 / 2965	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4570 / 3358	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4990 / 3591	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5290 / 3759	DEF AT - - - - -	DEF AT 3
7390 / 5152	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7840 / 5538	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8380 / 6025	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 19-JUL-1983	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8390
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6034
API Well Number: 177194027300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 02-JAN-1993	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5275 / 3751	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7170 / 4968	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 86	Date of Summary: 20-MAR-1998	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8390
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6034
API Well Number: 177194027300	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 02-JAN-1993	Ecozone Eq MMS:	Paleo ID: 003

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5275 / 3751	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6607 / 4538	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7170 / 4968	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
7641 / 5366	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 10-NOV-1982	<b>First Sample Examined:</b> 3360
<b>Lease Number:</b> G04243	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14700
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13812
<b>API Well Number:</b> 177194023901	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3360 - 14700	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 29-OCT-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 / 3189	DEF AT first sample examined	DEF IN 3
3660 / 3451	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3780 / 3556	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5640 / 5186	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6120 / 5601	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7320 / 6630	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9900 / 9043	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13500 / 12618	DEF AT -----	DEF AT 5
14700 / 13817	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 11-JUL-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04243	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14700
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13812
<b>API Well Number:</b> 177194023901	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 108
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 29-OCT-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Report=sidetrack of well A-2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3957 / 3712	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5392 / 4971	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 02-FEB-1983	<b>First Sample Examined:</b> 3810
<b>Lease Number:</b> G04895	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12698
<b>Well Name:</b> A009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9506
<b>API Well Number:</b> 177194027800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3810 - 12700	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 23-FEB-1993	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 / 3197	DEF AT first sample examined	DEF IN 3
3930 / 3269	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4140 / 3395	DEF AT - - - - -	DEF AT 4
6860 / 5002	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7880 / 5622	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11800 / 8612	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12700 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 86	<b>Date of Summary:</b> 16-SEP-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04895	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12698
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9506
<b>API Well Number:</b> 177194027800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 143
<b>Public Info Code:</b> Y 23-FEB-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4613 / 3688	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
6815 / 4975	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9470 / 6653	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 87	Date of Summary:	First Sample Examined: 0
Lease Number: G07790	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10110
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8490
API Well Number: 177194047100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 207
Public Info Code: Y 01-JUL-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3750	POS IN Pleistocene	DEF AT 0
7030 / 5622	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 87	Date of Summary: 28-NOV-1990	First Sample Examined: 2200
Lease Number: G10881	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 177194052900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2200 - 6000	Water Depth: 202
Public Info Code: Y 28-MAR-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2200 / 2199	DEF AT first sample examined	DEF AT 0
2260 / 2259	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 0
2380 / 2379	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
3280 / 3279	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
3579 / 3578	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 0
3580 / 3579	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
3700 / 3699	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
4360 / 4359	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 0
4600 / 4599	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 0
5770 / 5769	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
6000 /	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 90	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G01085	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10260
Well Name: B017	Paleo Done By: OPERATOR	Borehole TVD: 6019
API Well Number: 177194019500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 29-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9011 / 5303	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 108	Date of Summary: 25-MAR-1986	First Sample Examined: 0
Lease Number: G05681	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14506
API Well Number: 177194038900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 30-JUN-1988	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
1200 / 1199	POS IN Pleistocene	DEF AT 0
3380 / 3377	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
4460 / 4377	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 0
4730 / 4610	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
4850 / 4713	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
5080 / 4910	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
6860 / 6442	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10760 / 9921	DEF AT Cyclamina sp. (local marker)	DEF AT 0
13760 / 12574	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 109	Date of Summary: 03-APR-1981	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12580
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11877
API Well Number: 177194019900	Drilling Operator: TEXACO INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 08-FEB-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 8273	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10150 / 9796	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 109	Date of Summary: 01-MAR-2001	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14400
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14246
API Well Number: 177194020300	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 04-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8325 / 8198	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10070 / 9918	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 109	<b>Date of Summary:</b> 25-JAN-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02937	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14126
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13629
<b>API Well Number:</b> 177194020800	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 118
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 17-AUG-1991	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5935 / 5932	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9960 / 9911	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 109	Date of Summary: 19-JUL-1983	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15890
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 15711
API Well Number: 177194022500	Drilling Operator: TEXACO INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 06-SEP-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10060 / 9996	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 109	<b>Date of Summary:</b> 30-NOV-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02937	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12672
<b>Well Name:</b> A006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12230
<b>API Well Number:</b> 177194022700	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 06-MAR-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 / 7874	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
10385 / 9944	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 109	Date of Summary: 23-FEB-1999	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12564
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 12125
API Well Number: 177194023700	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 11-MAY-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8205 / 7787	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8930 / 8511	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
10240 / 9821	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 109	Date of Summary: 19-OCT-2000	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10735
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10370
API Well Number: 177194023701	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 10-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8205 / 7842	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8930 / 8566	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
10240 / 9875	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 109	<b>Date of Summary:</b> 14-DEC-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02937	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11484
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10839
<b>API Well Number:</b> 177194026700	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 22-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9350 / 8943	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 0
10430 / 9898	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 109	<b>Date of Summary:</b> 17-FEB-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02937	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13610
<b>Well Name:</b> A011	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12906
<b>API Well Number:</b> 177194028900	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 28-MAY-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 / 9876	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 109	Date of Summary: 19-JUL-1983	First Sample Examined: 0
Lease Number: G02941	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14140
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12151
API Well Number: 177194022100	Drilling Operator: TEXACO INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 22-DEC-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8540 / 7559	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9980 / 8737	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0
13540 / 11687	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 109	<b>Date of Summary:</b> 26-APR-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02941	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16380
<b>Well Name:</b> A016	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14664
<b>API Well Number:</b> 177194030000	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 17-NOV-1993	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 / 9105	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 121	Date of Summary: 11-MAY-1988	First Sample Examined: 0
Lease Number: G08458	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8501
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8215
API Well Number: 177204012000	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5752 / 5751	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7020 / 6979	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7590 / 7461	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8400 / 8134	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 0
8440 / 8167	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 121	Date of Summary: 11-MAY-1988	First Sample Examined: 0
Lease Number: G08458	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8945
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8853
API Well Number: 177204012001	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 30-JUN-1991	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7140 / 7139	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
7740 / 7738	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
8889 / 8806	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 129	<b>Date of Summary:</b> 01-DEC-1984	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G06788	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15454
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15454
<b>API Well Number:</b> 177204010200	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1500 - 15454	<b>Water Depth:</b> 349
<b>Public Info Code:</b> Y 31-MAY-1989	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	POS AT Pleistocene	DEF AT 2
2310 /	DEF AT -----	DEF AT 4
2490 /	DEF AT -----	DEF AT 2
3120 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
3150 /	DEF AT -----	DEF AT 4
4400 /	DEF AT -----	DEF AT 3
4620 /	DEF AT -----	DEF AT 2
5010 /	DEF AT local marker (general)	DEF AT 2
5040 /	DEF AT -----	DEF AT 4
5370 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
5400 /	DEF AT -----	DEF AT 5
5580 /	DEF AT -----	DEF AT 4
5820 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6420 /	DEF AT -----	DEF AT 3
6780 /	DEF AT -----	DEF AT 4
6900 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7520 /	DEF AT -----	DEF AT 5
8160 /	DEF AT -----	DEF AT 4
10080 /	DEF AT -----	DEF AT 5
10740 /	DEF AT -----	DEF AT 4
11740 /	DEF AT -----	DEF AT 5
12630 /	DEF AT -----	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 129	Date of Summary: 01-DEC-1984	First Sample Examined: 1500
Lease Number: G06788	Source of Paleo: OPERATOR	Borehole MD: 15454
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15454
API Well Number: 177204010200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 1500 - 15454	Water Depth: 349
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 /	DEF AT -----	DEF AT 5
13230 /	DEF AT -----	DEF AT 4
15330 /	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 129	Date of Summary: 30-JAN-1985	First Sample Examined: 0
Lease Number: G06788	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15454
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15454
API Well Number: 177204010200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 349
Public Info Code: Y 31-MAY-1989	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8042 /	POS AT Pliocene	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 131	Date of Summary: 07-NOV-1991	First Sample Examined: 0
Lease Number: G09694	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13797
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11855
API Well Number: 177204013100	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 302
Public Info Code: Y 30-JUN-1993	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
5490 / 5490	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
6870 / 6870	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 0
7200 / 7199	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11700 /10415	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0
12120 /10697	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 137	<b>Date of Summary:</b> 27-JUN-1972	<b>First Sample Examined:</b> 10010
<b>Lease Number:</b> G01597	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 15921
<b>Well Name:</b> 003	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 15921
<b>API Well Number:</b> 177202000600	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10010 - 15923	<b>Water Depth:</b> 310
<b>Public Info Code:</b> Y 30-JUN-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /	DEF AT first sample examined	DEF AT 4
10011 /	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10160 /	DEF AT local marker foram decrease	DEF AT 4
10340 /	DEF AT pyrite	DEF AT 4
10370 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10820 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
13169 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13170 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13290 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13560 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14520 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
14730 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
14910 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
15923 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 19-APR-1979	First Sample Examined: 5890
Lease Number: G01597	Source of Paleo: OPERATOR	Borehole MD: 16019
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15439
API Well Number: 177204006400	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 5890 - 15990	Water Depth: 306
Public Info Code: Y 30-JUN-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5890 / 5888	DEF AT first sample examined	DEF AT 3
6078 / 6076	DEF AT -----	DEF AT 4
6360 / 6357	DEF AT -----	DEF AT 3
6870 / 6858	DEF AT -----	DEF AT 4
6990 / 6975	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7350 / 7319	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7500 / 7462	DEF AT -----	DEF AT 3
11550 / 11273	DEF AT -----	DEF AT 4
11580 / 11301	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12540 / 12194	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12870 / 12502	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13800 / 13374	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
15990 / 15412	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 30-MAR-1976	First Sample Examined: 1000
Lease Number: G01598	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16238
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 16238
API Well Number: 177200009600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 1000 - 15240	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Trimosina A may be in first sample gap

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	POS AT 3
1060 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1750 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2110 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2470 /	DEF AT sample gap top	POS AT 3
3340 /	DEF AT sample gap bottom	DEF AT 3
3370 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4330 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4420 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
6040 /	DEF AT sample gap top	POS AT 3
6430 /	DEF AT sample gap bottom	DEF AT 3
6910 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7360 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7570 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
7780 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8000 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
9209 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9210 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9810 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11070 /	DEF AT local marker benthic foram increase	DEF AT 4
11340 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11430 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

**This report contains public paleo reports only for the time period stated**

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 138	<b>Date of Summary:</b> 30-MAR-1976	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G01598	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16238
<b>Well Name:</b> 003	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 16238
<b>API Well Number:</b> 177200009600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1000 - 15240	<b>Water Depth:</b> 306
<b>Public Info Code:</b> Y 22-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12499 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12500 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
13980 /	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14010 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 4
14550 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14610 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
14910 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
15240 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 18-JUN-1972	First Sample Examined: 951
Lease Number: G01598	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16218
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 16218
API Well Number: 177200012200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 951 - 16150	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
951 /	DEF AT first sample examined	POS AT 2
952 /	DEF AT cement	POS AT 2
1230 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1581 /	DEF AT local marker benthic foram increase	DEF AT 2
1829 /	DEF AT faunal change (no faunal increase)	DEF IN 2
2139 /	DEF AT local marker benthic foram increase	DEF IN 2
2201 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3280 /	DEF AT local marker benthic foram increase	DEF AT 3
3281 /	POS IN Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 3
3409 /	DEF AT local marker benthic foram increase	DEF IN 3
4382 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
4772 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5882 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6030 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6119 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6120 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6600 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6750 /	DEF AT local marker foram decrease	DEF IN 2
7110 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
7439 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7440 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
7500 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 18-JUN-1972	First Sample Examined: 951
Lease Number: G01598	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16218
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 16218
API Well Number: 177200012200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 951 - 16150	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9000 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9060 /	DEF AT local marker foram decrease	DEF IN 2
9750 /	DEF AT local marker foram increase	DEF AT 3
9930 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10080 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10410 /	DEF AT local marker foram decrease	DEF AT 2
10830 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
11490 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
11580 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
12060 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
12210 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 3
12360 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12810 /	POS IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
13710 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
14400 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
14640 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14850 /	DEF AT Bathysiphon fauna	DEF AT 5
14940 /	DEF AT local marker foram decrease	DEF AT 4
15330 /	DEF AT local marker benthic foram increase	DEF AT 4
16120 /	POS IN Upper Miocene (Tortonian) Textularia 6	POS AT 4
16150 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 138	<b>Date of Summary:</b> 21-JUN-1972	<b>First Sample Examined:</b> 15565
<b>Lease Number:</b> G01598	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16218
<b>Well Name:</b> 006	<b>Paleo Done By:</b> WING GEE	<b>Borehole TVD:</b> 16218
<b>API Well Number:</b> 177200012200	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 15565 - 16031	<b>Water Depth:</b> 306
<b>Public Info Code:</b> Y 22-NOV-1992	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15565 /	DEF AT first sample examined	POS AT 4
15650 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
15740 /	POS AT Upper Miocene (Tortonian) Textularia 6	POS AT 4
16031 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 24-FEB-1987	First Sample Examined: 0
Lease Number: G01598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10179
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 9573
API Well Number: 177204011400	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 308
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3910 / 3910	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 0
6340 / 6333	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7570 / 7447	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7780 / 7614	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
8800 / 8436	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 15-JUN-1987	First Sample Examined: 0
Lease Number: G01598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10550
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 10234
API Well Number: 177204011700	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 308
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6350 / 6344	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
7490 / 7374	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 0
7760 / 7589	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
7790 / 7613	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9140 / 8828	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
9755 / 9425	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 19-JUN-1990	First Sample Examined: 0
Lease Number: G01598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14421
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 12234
API Well Number: 177204011701	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 308
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 6310	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8450 / 8275	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
9020 / 8844	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
12110 / 11931	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 30-MAY-1990	First Sample Examined: 0
Lease Number: G01598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11837
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 11262
API Well Number: 177204012200	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 308
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6310 / 6265	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 0
7810 / 7631	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 07-FEB-1979	First Sample Examined: 5030
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14930
API Well Number: 177204006300	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 5030 - 14960	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5029	DEF AT first sample examined	DEF AT 2
5780 / 5779	DEF AT -----	DEF AT 3
6140 / 6139	POS IN Pleistocene	DEF AT 4
6620 / 6619	DEF AT -----	DEF AT 3
7020 / 7019	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7280 / 7279	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9260 / 9252	DEF AT -----	DEF AT 3
10340 /10311	POS AT Arenaceous fauna (local marker)	DEF AT 2
10450 /10419	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10910 /10870	DEF AT -----	DEF AT 4
11240 /11192	DEF AT -----	DEF AT 3
11450 /11397	DEF AT -----	DEF AT 4
11840 /11781	DEF AT -----	DEF AT 3
12139 /12078	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12140 /12079	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12500 /12438	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
14390 /14323	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14810 /14740	DEF AT gouge	DEF AT 7
14870 /14800	DEF AT gypsum	DEF AT 7
14871 /14801	DEF AT local marker deep water fauna	DEF AT 7
14959 /14889	POS AT salt	DEF AT 7
14960 /14890	DEF AT last sample examined	DEF AT 7

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 16-OCT-1980	First Sample Examined: 6300
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 16717
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16400
API Well Number: 177204006700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 6300 - 16480	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6284	DEF AT first sample examined	DEF AT 3
6301 / 6285	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6990 / 6973	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7380 / 7363	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7440 / 7423	DEF AT local marker foram increase	DEF AT 4
8040 / 8022	DEF AT -----	DEF AT 3
11490 /11460	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11880 /11843	DEF AT -----	DEF AT 3
12180 /12131	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12570 /12499	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12930 /12839	DEF AT -----	DEF AT 4
15020 /14792	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
15410 /15156	DEF AT -----	DEF AT 4
16460 /16155	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 16-OCT-1980	First Sample Examined: 14010
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 16717
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16400
API Well Number: 177204006700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 14010 - 16670	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

MD / TVD	Paleo Top Description	Ecozone
14010 /13856	DEF AT first sample examined	DEF AT 4
15060 /14829	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
15330 /15081	DEF AT -----	DEF AT 4
16168 /15877	DEF AT gypsum	DEF AT 0
16169 /15878	DEF AT salt	DEF AT 0
16170 /15879	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 138	<b>Date of Summary:</b> 06-JUL-1979	<b>First Sample Examined:</b> 4220
<b>Lease Number:</b> G01598	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17576
<b>Well Name:</b> A004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 17538
<b>API Well Number:</b> 177204006600	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4220 - 8690	<b>Water Depth:</b> 306
<b>Public Info Code:</b> Y 22-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 / 4218	DEF AT cement	DEF AT 3
4420 / 4418	POS AT Pleistocene	DEF AT 3
4430 / 4428	DEF AT -----	DEF AT 4
5210 / 5208	DEF AT -----	DEF AT 3
6050 / 6048	DEF AT local marker foram increase	DEF AT 4
6530 / 6528	DEF AT -----	DEF AT 3
7070 / 7068	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7400 / 7397	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7670 / 7667	DEF AT -----	DEF AT 3
8690 / 8687	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 06-JUL-1979	First Sample Examined: 8720
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 17576
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17538
API Well Number: 177204006600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 8720 - 17540	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8720 / 8717	DEF AT first sample examined	DEF AT 3
10970 /10964	DEF AT local marker foram increase	DEF AT 3
11270 /11264	DEF AT sandstone	DEF AT 3
11480 /11473	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12330 /12321	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12590 /12580	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12860 /12849	DEF AT -----	DEF AT 3
13125 /13113	DEF AT -----	DEF AT 4
14930 /14914	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
15410 /15392	DEF AT -----	DEF AT 4
16460 /16436	DEF AT -----	DEF AT 5
16660 /16634	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
16880 /16851	DEF AT sandstone	DEF AT 4
17540 /17503	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
17576 /17538	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 08-NOV-1979	First Sample Examined: 6400
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 13896
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13586
API Well Number: 177204006800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 6400 - 13880	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6400 / 6388	DEF AT first sample examined	DEF AT 4
7060 / 7033	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7330 / 7297	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10870 /10768	POS AT Arenaceous fauna (local marker)	DEF AT 3
11500 /11370	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
12100 /11935	DEF AT - - - - -	DEF AT 4
12250 /12076	POS AT Arenaceous fauna (local marker)	DEF AT 4
12580 /12382	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13880 /13568	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 08-NOV-1979	First Sample Examined: 6440
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 13896
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13586
API Well Number: 177204006800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 6440 - 13580	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 / 6428	DEF AT first sample examined	DEF AT 3
7140 / 7111	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7410 / 7375	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10760 /10661	DEF AT -----	DEF AT 3
11360 /11237	DEF AT -----	DEF AT 4
11390 /11265	DEF AT -----	DEF AT 3
11450 /11322	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
12170 /12001	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12500 /12308	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13520 /13243	DEF AT -----	POS AT 4
13580 /13298	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 19-MAY-1980	First Sample Examined: 7030
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 13776
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13640
API Well Number: 177204007300	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 3	Sample Range: 7030 - 13830	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7030 / 7027	DEF AT first sample examined	DEF AT 3
7410 / 7407	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8370 / 8367	DEF AT -----	DEF AT 2
11520 / 11444	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
12270 / 12157	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12570 / 12447	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13080 / 12949	DEF AT -----	DEF AT 4
13470 / 13338	DEF AT -----	DEF AT 5
13710 / 13577	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13711 / 13578	DEF AT local marker foram increase	DEF AT 5
13830 / 13694	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 138	Date of Summary: 19-MAY-1980	First Sample Examined: 13560
Lease Number: G01598	Source of Paleo: OPERATOR	Borehole MD: 13776
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13640
API Well Number: 177204007300	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 2 of 3	Sample Range: 13560 - 13800	Water Depth: 306
Public Info Code: Y 22-NOV-1992	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack 1; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13560 /13428	DEF AT first sample examined	DEF AT 0
13561 /13429	DEF AT cement	DEF AT 0
13800 /13665	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 138	<b>Date of Summary:</b> 19-MAY-1980	<b>First Sample Examined:</b> 13480
<b>Lease Number:</b> G01598	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13776
<b>Well Name:</b> A006	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 13640
<b>API Well Number:</b> 177204007300	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 13480 - 13720	<b>Water Depth:</b> 306
<b>Public Info Code:</b> Y 22-NOV-1992	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Report=sidetrack 2; no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13480 /13348	DEF AT cement	DEF AT 0
13570 /13438	DEF AT gypsum	DEF AT 0
13571 /13439	POS AT salt	DEF AT 0
13720 /13586	DEF AT last sample examined	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

Area Block: WD 143	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04477	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10164
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9458
API Well Number: 177204009700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 472
Public Info Code: Y 27-APR-1988	Ecozone Eq MMS:	Paleo ID: 002

Remark: Report=sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5632	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 19-JUL-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04477	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10164
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9458
<b>API Well Number:</b> 177204009700	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 472
<b>Public Info Code:</b> Y 27-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1710 / 1710	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 0
5920 / 5818	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 0
8400 / 7801	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 0
8490 / 7873	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
11640 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 0
11868 /	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 23-JUN-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04477	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 18568
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16230
<b>API Well Number:</b> 177204011600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 27-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5521	POS IN Pleistocene	DEF AT 0
9200 / 8111	POS AT Pliocene	DEF AT 0
17240 /14935	POS IN Pliocene	DEF AT 0
18410 /16089	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<b>Area Block:</b> WD 149	<b>Date of Summary:</b> 25-FEB-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04477	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8809
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8683
<b>API Well Number:</b> 177204011900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 379
<b>Public Info Code:</b> Y 27-APR-1988	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 5227	POS IN Pleistocene	DEF AT 0
6609 / 6561	POS IN Pleistocene	DEF AT 0
8247 / 8135	POS IN Pliocene	DEF AT 0
8698 / 8570	DEF AT salt	DEF AT 0

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1988

End Date: 31-DEC-1993

<p><b>Area Block:</b> WD 149 <b>Lease Number:</b> G05683 <b>Well Name:</b> 001 <b>API Well Number:</b> 177204011901 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 08-AUG-1988</p>	<p><b>Date of Summary:</b> <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 15020 <b>Borehole TVD:</b> 14424 <b>Rkb Elevation:</b> 77 <b>Water Depth:</b> 379 <b>Paleo ID:</b> 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 5408	POS IN Pleistocene	DEF AT 0
12708 / 12131	POS AT Pliocene	DEF AT 0