

SCIENTIFIC DRILLING INTERNATIONAL
2024 Trade Dr., Midland, TX 79703
P.O. Box 9699 915/563-1339

TO: Frank Burke FROM: George Moody

PHONE #: 687-4809

REFER: _____ DATE: 8/8 TIME: _____

NUMBER OF PAGES, INCLUDING COVER SHEET: 5

IF ALL PAGES ARE NOT RECEIVED, PLEASE CALL (915) 563-1339.

MESSAGES:

SCIENTIFIC DRILLING INTERNATIONAL

Company : MATADOR PETROLEUM
 Well Name : MATADOR/LLA STATE SHELL #1
 Location : CHAVES COUNTY, NEW MEXICO
 SHL :
 BHL :

Page 1 of 4
 Date 4 AUGUST 1994
 Filename : LLASS#1

ACTUAL BHL :

No Interpolation

Height Of WELLSITE Datum Above Field Datum 0.00 ft

MD ft	INC deg	DIR deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	D'LEG °/100
0.0	0.00	N 0.00°E	0.00	0.00	0.00	0.00	0.00
100.0	0.05	N 2.80°W	100.00	0.04	-0.00	0.00	0.05
200.0	0.16	N21.60°W	200.00	0.22	-0.06	0.00	0.11
300.0	0.36	N11.24°W	300.00	0.65	-0.17	0.14	0.20
400.0	0.57	N10.36°W	400.00	1.45	-0.32	0.36	0.21
500.0	0.75	N14.54°W	499.99	2.58	-0.57	0.64	0.19
600.0	0.74	N25.55°W	599.98	3.79	-1.02	0.79	0.14
700.0	0.70	N21.64°W	699.97	4.94	-1.52	0.85	0.06
800.0	0.39	N32.20°W	799.97	5.80	-1.93	0.87	0.32
900.0	0.28	N24.87°W	899.97	6.31	-2.21	0.84	0.12
1000.0	0.33	N27.67°W	999.96	6.78	-2.45	0.85	0.05
1100.0	0.44	N16.87°W	1099.96	7.41	-2.69	0.90	0.13
1200.0	0.43	N12.55°W	1199.96	8.14	-2.88	1.06	0.03
1300.0	0.43	N 8.18°W	1299.96	8.88	-3.02	1.27	0.03
1400.0	0.42	N18.21°W	1399.95	9.60	-3.19	1.44	0.07
1500.0	0.37	N20.78°E	1499.95	10.25	-3.19	1.73	0.27
1600.0	0.38	N 8.98°E	1599.95	10.88	-3.02	2.16	0.08
1700.0	0.22	N 8.95°E	1699.95	11.39	-2.94	2.47	0.16
1800.0	0.26	N34.85°E	1799.95	11.77	-2.78	2.78	0.11
1900.0	0.22	N32.64°E	1899.95	12.12	-2.55	3.14	0.04
2000.0	0.37	N12.77°E	1999.94	12.59	-2.37	3.51	0.18
2100.0	0.52	N 1.95°W	2099.94	13.36	-2.32	3.90	0.19
2200.0	0.70	N 4.24°E	2199.94	14.43	-2.29	4.41	0.19
2300.0	0.57	N10.58°W	2299.93	15.52	-2.33	4.86	0.21
2400.0	0.68	N29.60°W	2399.93	16.53	-2.72	4.96	0.23
2500.0	0.79	N23.90°W	2499.92	17.67	-3.29	4.96	0.13
2600.0	0.55	N22.86°W	2599.91	18.75	-3.76	5.03	0.24
2700.0	0.68	N52.56°W	2699.90	19.55	-4.41	4.80	0.34
2800.0	0.61	N53.85°W	2799.90	20.23	-5.31	4.29	0.07
2900.0	0.30	N70.79°W	2899.89	20.63	-5.99	3.87	0.33
3000.0	0.18	S57.16°W	2999.89	20.63	-6.37	3.53	0.24
3100.0	0.32	S73.07°W	3099.89	20.46	-6.77	3.10	0.15
3200.0	0.43	S77.84°W	3199.89	20.30	-7.40	2.46	0.11
3300.0	1.05	S86.04°W	3299.88	20.16	-8.68	1.25	0.63
3400.0	1.98	S82.90°W	3399.84	19.88	-11.31	-1.23	0.93
3500.0	3.23	S84.79°W	3499.74	19.41	-15.83	-5.48	1.25
3600.0	4.47	S79.28°W	3599.51	18.43	-22.47	-11.85	1.29
3700.0	4.48	S75.43°W	3699.21	16.72	-30.08	-19.42	0.30
3800.0	4.40	S76.14°W	3798.91	14.82	-37.58	-26.98	0.10
3900.0	4.80	S73.59°W	3898.59	12.72	-45.32	-34.84	0.45

RECEIVED

AUG 2 1964

RECEIVED
GENERAL

SCIENTIFIC DRILLING INTERNATIONAL

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 Well Name : MATADOR/LLA STATE SHELL #1
 Location : CHAVES COUNTY, NEW MEXICO

Page 2 of 4
 Date 4 AUGUST 1994
 Filename : LLASS#1

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 BHL :
 ACTUAL BHL :

No Interpolation

Height Of WELLSITE Datum Above Field Datum 0.00 ft

MD ft	INC deg	DIR deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	D'LEG °/100
4000.0	5.04	S75.44°W	3998.22	10.43	-53.58	-43.26	0.29
4100.0	5.06	S76.70°W	4097.83	8.32	-62.13	-51.85	0.11
4200.0	4.91	S73.86°W	4197.45	6.11	-70.53	-60.35	0.29
4300.0	4.69	S75.37°W	4297.10	3.89	-78.60	-68.56	0.25
4400.0	4.39	S74.62°W	4396.79	1.84	-86.24	-76.31	0.31
4500.0	3.72	S72.10°W	4496.54	-0.17	-93.02	-83.27	0.69
4600.0	3.33	S69.40°W	4596.35	-2.19	-98.82	-89.37	0.42
4700.0	2.86	S70.58°W	4696.20	-4.04	-103.90	-94.73	0.47
4800.0	2.55	S70.83°W	4796.09	-5.60	-108.35	-99.42	0.31
4900.0	2.31	S75.89°W	4896.00	-6.82	-112.41	-103.59	0.32
5000.0	2.15	S79.54°W	4995.92	-7.65	-116.20	-107.36	0.21
5100.0	2.12	S75.08°W	5095.85	-8.47	-119.84	-110.97	0.17
5200.0	1.98	S68.08°W	5195.79	-9.59	-123.23	-114.51	0.29
5300.0	1.99	S65.46°W	5295.73	-10.96	-126.41	-117.96	0.09
5400.0	2.09	S64.96°W	5395.67	-12.45	-129.64	-121.52	0.10
5500.0	2.12	S65.98°W	5495.60	-13.98	-132.98	-125.19	0.05
5600.0	2.01	S64.30°W	5595.54	-15.49	-136.25	-128.79	0.13
5700.0	1.91	S62.97°W	5695.48	-17.01	-139.32	-132.21	0.11
5800.0	1.52	S65.30°W	5795.43	-18.32	-142.01	-135.21	0.40
5900.0	1.12	S68.85°W	5895.40	-19.23	-144.12	-137.50	0.41
6000.0	1.04	S68.34°W	5995.39	-19.91	-145.88	-139.38	0.08
6100.0	0.77	S60.78°W	6095.37	-20.58	-147.31	-140.96	0.29
6200.0	0.63	S67.54°W	6195.37	-21.11	-148.40	-142.18	0.16
6300.0	0.32	S51.20°W	6295.36	-21.50	-149.13	-143.00	0.34
6400.0	0.53	S63.97°E	6395.36	-21.88	-148.93	-142.99	0.73
6500.0	0.92	S66.82°E	6495.35	-22.40	-147.77	-142.19	0.39
6600.0	1.24	S78.29°E	6595.34	-22.93	-145.98	-140.82	0.38
6700.0	1.30	S80.82°E	6695.31	-23.33	-143.80	-139.05	0.08
6800.0	1.55	S83.75°E	6795.28	-23.66	-141.33	-136.99	0.26
6900.0	1.76	S77.23°E	6895.24	-24.15	-138.49	-134.67	0.28
7000.0	1.97	S79.21°E	6995.19	-24.81	-135.31	-132.12	0.22
7100.0	2.31	S75.13°E	7095.12	-25.65	-131.67	-129.24	0.37
7200.0	2.55	S78.13°E	7195.03	-26.62	-127.54	-125.99	0.27
7300.0	2.50	S77.06°E	7294.93	-27.57	-123.24	-122.56	0.07
7400.0	2.75	S79.21°E	7394.82	-28.51	-118.76	-118.97	0.27
7460.0	3.05	S89.11°E	7454.75	-28.80	-115.75	-116.41	0.97
7553.0	6.93	N65.47°E	7547.39	-26.51	-108.17	-108.60	4.70
7646.0	11.01	N67.69°E	7639.23	-20.81	-94.84	-94.13	4.40
7739.0	15.02	N66.62°E	7729.82	-12.65	-75.56	-73.24	4.32
7832.0	15.74	N66.36°E	7819.49	-2.81	-52.94	-48.61	0.78

RECEIVED

AUG 25 1944

U.S. DEPARTMENT OF THE ARMY
HEADQUARTERS

SCIENTIFIC DRILLING INTERNATIONAL

Company : MATADOR PETROLEUM
 Well Name : MATADOR/LLA STATE SHELL #1
 Location : CHAVES COUNTY, NEW MEXICO

Page 3 of 4
 Date 4 AUGUST 1994
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SHL :
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 ACTUAL BHL :
 Height Of WELLSITE Datum Above Field Datum 0.00 ft

No Interpolation

MD ft	INC deg	DIR deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	D'LEG °/100
7925.0	16.44	N66.83°E	7908.85	7.43	-29.29	-22.87	0.77
8018.0	16.73	N67.39°E	7997.98	17.75	-4.83	3.62	0.36
8111.0	16.81	N67.69°E	8087.02	28.00	19.97	30.38	0.13
8204.0	16.67	N67.78°E	8176.08	38.15	44.76	57.09	0.15
8297.0	16.95	N67.92°E	8265.11	48.29	69.67	83.91	0.30
8390.0	17.27	N68.35°E	8353.99	58.48	95.06	111.18	0.37
8483.0	17.62	N69.05°E	8442.72	68.61	121.04	138.94	0.44
8576.0	18.06	N69.33°E	8531.24	78.73	147.67	167.29	0.48
8669.0	18.43	N69.54°E	8619.57	88.96	174.93	196.25	0.40
8762.0	18.60	N69.98°E	8707.75	99.17	202.64	225.60	0.24
8855.0	18.85	N69.88°E	8795.83	109.42	230.68	255.26	0.27
8948.0	18.88	N71.36°E	8883.84	119.40	259.05	285.09	0.52
9041.0	19.05	N71.79°E	8971.79	128.95	287.72	315.01	0.24
9134.0	16.96	N72.48°E	9060.23	137.77	315.08	343.43	2.26
9227.0	14.56	N74.30°E	9149.73	145.02	339.27	368.31	2.63
9320.0	11.53	N77.34°E	9240.32	150.22	359.60	388.82	3.34
9413.0	10.15	N78.96°E	9331.66	153.83	376.71	405.73	1.52
9506.0	9.46	N79.32°E	9423.30	156.82	392.26	420.98	0.74
9599.0	9.19	N81.61°E	9515.07	159.32	407.12	435.39	0.49
9692.0	8.97	N83.44°E	9606.91	161.23	421.67	449.26	0.39
9785.0	7.72	N85.88°E	9698.92	162.51	435.10	461.84	1.40
9878.0	7.45	N86.97°E	9791.11	163.27	447.35	473.14	0.33
9971.0	6.96	S85.99°E	9883.37	163.20	459.00	483.52	1.08
10064.0	3.83	N85.60°E	9975.95	163.04	467.72	491.25	3.46
10157.0	3.29	N77.17°W	10068.89	163.87	468.21	492.07	7.57
10250.0	4.96	N59.31°W	10161.65	166.52	462.15	487.83	2.25
10343.0	3.74	N42.15°W	10254.38	170.82	456.66	484.84	1.90
10436.0	3.06	N57.00°W	10347.22	174.42	452.54	482.77	1.19
10529.0	3.32	N67.48°W	10440.08	176.80	447.97	479.75	0.69
10622.0	3.42	N70.29°W	10532.92	178.77	442.87	476.07	0.21
10715.0	3.55	N78.17°W	10625.74	180.30	437.44	471.89	0.53
10808.0	3.76	N78.92°W	10718.55	181.47	431.63	467.22	0.23
10901.0	3.96	S83.97°W	10811.35	181.72	425.45	461.80	1.25
10932.0	3.98	S85.66°W	10842.27	181.53	423.31	459.80	0.38
11120.0	4.00	S87.00°W	11029.82	180.69	410.25	447.75	0.05

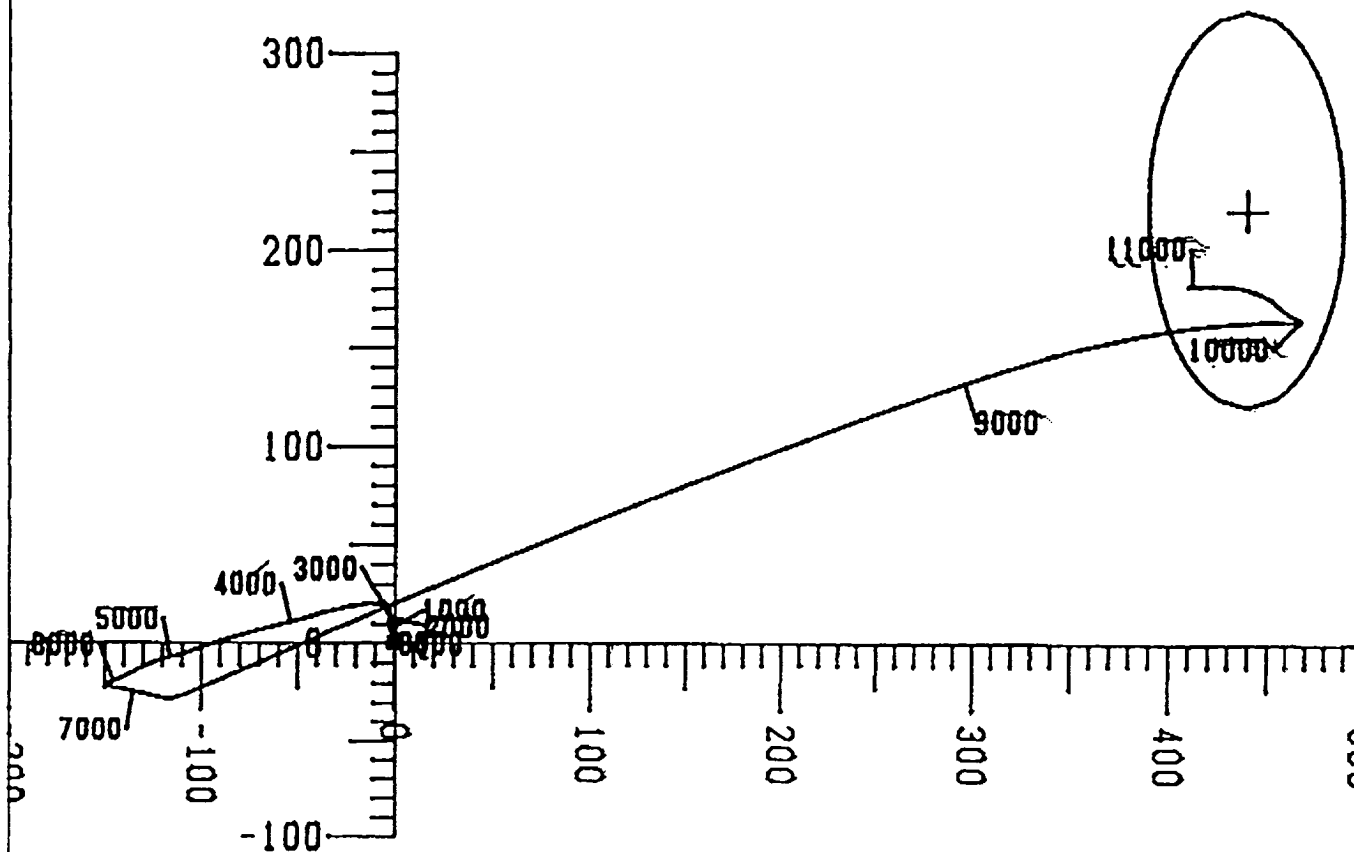
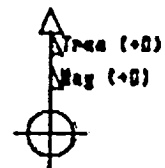
RECEIVED

AUG 23 1981

U.S. CUSTOMS
OFFICE



SCIENTIFIC DRILLING INTERNATIONAL
FOR
BATADOR PETROLEUM
LLA STATE SHELL #1
IN
CHAYER COUNTY, TEXAS



Departure Scale 1 inch = 100 ft

RECEIVED

AUG 24 1961

U.S. DEPARTMENT OF
COMMERCE