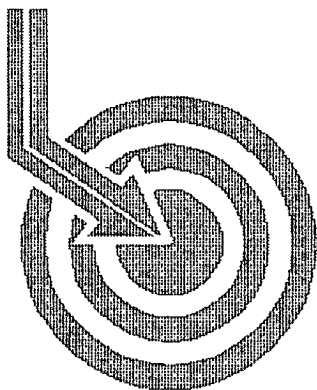




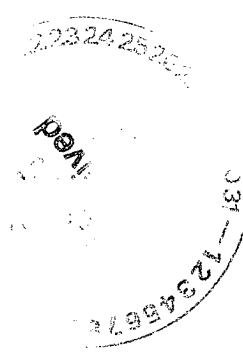
Scientific Drilling

SUR: J-29-18s-38e, 1484/S & 1526/E
BHL: J-29-18s-38e, 1903/S & 1914/E
API # 30-025-37349

OCCIDENTAL PERMIAN LTD.

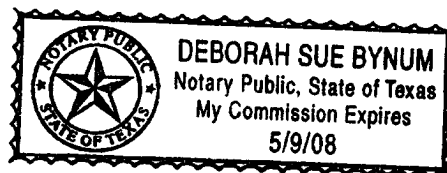
Field: Wildcat
Site: Lea County, NM
Well: State A #11 y
Wellpath: DH - Job #32D0705489
Survey: 07/10/05-07/19/05

This survey is correct to the best of my knowledge
and is supported by actual field data.


.....*Deborah Sue Bynum*..... Company Representative

Notorized this date 29th of August, 2005.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.
Field: Wildcat
Site: Lea County, NM
Well: State A #11
Wellpath: VH - Job #32K0705499

Date: 8/23/2005 Time: 20:15:56 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,315.65Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 07/11/05
KSRG 0'-3960'
Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Surface Readout

Start Date: 7/11/2005
Engineer: Foster/Gonzales
Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.59	154.80	100.00	-0.49	-0.47	0.22	0.59	0.51	154.80
200.00	0.54	162.76	199.99	-1.39	-1.38	0.58	0.09	1.50	157.30
300.00	0.47	194.32	299.99	-2.02	-2.23	0.62	0.28	2.31	164.55
400.00	0.55	189.92	399.99	-2.52	-3.10	0.43	0.09	3.13	172.06
500.00	0.63	179.47	499.98	-3.20	-4.12	0.35	0.13	4.14	175.08
600.00	0.49	188.84	599.98	-3.85	-5.09	0.29	0.17	5.10	176.70
700.00	0.73	173.74	699.97	-4.61	-6.15	0.30	0.29	6.16	177.23
800.00	0.82	167.85	799.96	-5.71	-7.48	0.52	0.12	7.50	176.04
900.00	0.90	172.99	899.95	-6.94	-8.96	0.76	0.11	8.99	175.13
1000.00	0.98	166.30	999.94	-8.30	-10.57	1.06	0.14	10.63	174.26
1100.00	0.94	163.76	1099.92	-9.76	-12.19	1.49	0.06	12.28	173.01
1200.00	0.86	167.04	1199.91	-11.13	-13.71	1.89	0.10	13.84	172.14
1300.00	0.90	178.58	1299.90	-12.34	-15.23	2.08	0.18	15.37	172.22
1400.00	0.71	175.17	1399.89	-13.39	-16.63	2.15	0.20	16.77	172.63
1500.00	0.78	189.97	1499.88	-14.27	-17.92	2.09	0.20	18.04	173.36
1600.00	0.77	208.40	1599.87	-14.87	-19.18	1.65	0.25	19.25	175.09
1700.00	0.82	223.41	1699.86	-15.09	-20.29	0.84	0.21	20.31	177.64
1800.00	0.82	222.95	1799.85	-15.15	-21.33	-0.14	0.01	21.33	180.38
1900.00	0.81	229.35	1899.84	-15.14	-22.32	-1.17	0.09	22.35	182.99
2000.00	0.74	244.69	1999.83	-14.89	-23.05	-2.29	0.22	23.17	185.66
2100.00	0.41	260.68	2099.83	-14.47	-23.39	-3.22	0.36	23.61	187.85
2200.00	0.24	358.56	2199.83	-14.11	-23.24	-3.58	0.50	23.51	188.76
2300.00	0.86	15.40	2299.82	-13.58	-22.30	-3.39	0.63	22.56	188.64
2400.00	1.07	25.10	2399.81	-12.87	-20.73	-2.79	0.27	20.92	187.67
2500.00	1.15	26.28	2499.79	-12.21	-18.99	-1.95	0.08	19.09	185.87
2600.00	1.20	36.31	2599.77	-11.71	-17.24	-0.89	0.21	17.27	182.94
2700.00	1.16	58.59	2699.75	-11.77	-15.87	0.60	0.46	15.88	177.85
2800.00	1.23	69.00	2799.72	-12.42	-14.96	2.46	0.23	15.16	170.65
2900.00	1.21	80.29	2899.70	-13.45	-14.40	4.51	0.24	15.09	162.62
3000.00	1.17	86.98	2999.68	-14.72	-14.17	6.57	0.14	15.61	155.13
3100.00	1.13	89.35	3099.66	-16.08	-14.10	8.57	0.06	16.50	148.71
3200.00	2.46	99.22	3199.61	-18.48	-14.43	11.68	1.36	18.57	141.03
3300.00	1.10	99.70	3299.56	-20.99	-14.94	14.74	1.36	20.99	135.38
3400.00	0.84	106.41	3399.54	-22.40	-15.31	16.39	0.28	22.43	133.05
3500.00	0.89	135.89	3499.53	-23.82	-16.07	17.63	0.44	23.86	132.35
3600.00	0.70	151.33	3599.52	-25.19	-17.17	18.47	0.28	25.21	132.91
3700.00	1.06	154.89	3699.51	-26.65	-18.54	19.15	0.36	26.66	134.07
3800.00	0.77	152.43	3799.50	-28.16	-19.97	19.86	0.29	28.16	135.17
3900.00	0.86	136.15	3899.49	-29.56	-21.11	20.69	0.25	29.56	135.58
3960.00	0.78	160.77	3959.48	-30.38	-21.82	21.13	0.60	30.38	135.92



Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.
Field: Wildcat
Site: Lea County, NM
Well: State A #11
Wellpath: DH - Job #32D0705489

Date: 8/23/2005 Time: 20:23:41 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,315.65Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 07/10/05-07/19/05
S/T 4139'-7850'

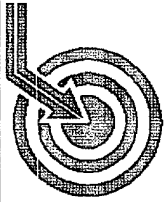
Start Date: 7/10/2005

Company: Scientific Drilling Internatio
Tool: Eye II;Eye II Steering

Engineer: Barbre/Warren/Rowe
Tied-to: From: Definitive Path

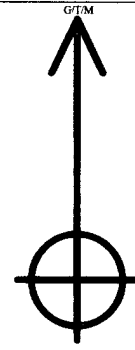
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3960.00	0.78	160.77	3959.48	-30.38	-21.82	21.13	0.00	30.38	135.92
4139.00	0.23	114.90	4138.48	-31.82	-23.12	21.86	0.36	31.82	136.61
4233.00	0.80	329.20	4232.47	-31.35	-22.64	21.70	1.06	31.36	136.22
4327.00	1.86	299.40	4326.45	-29.25	-21.33	20.03	1.31	29.26	136.79
4420.00	4.05	295.70	4419.32	-24.72	-19.16	15.76	2.36	24.81	140.57
4514.00	5.74	298.20	4512.97	-17.11	-15.50	8.62	1.81	17.74	150.91
4608.00	7.39	303.10	4606.35	-6.72	-9.98	-0.59	1.85	9.99	183.36
4701.00	9.10	307.40	4698.39	6.39	-2.24	-11.44	1.95	11.66	258.91
4826.00	10.60	313.70	4821.55	27.67	11.71	-27.61	1.48	29.98	292.98
4982.00	11.20	317.40	4974.73	57.15	32.77	-48.23	0.59	58.31	304.19
5076.00	11.20	317.60	5066.94	75.40	46.23	-60.57	0.04	76.20	307.35
5201.00	11.00	318.00	5189.61	99.45	64.06	-76.73	0.17	99.96	309.86
5326.00	10.90	318.60	5312.33	123.17	81.79	-92.53	0.12	123.49	311.47
5450.00	10.90	319.50	5434.09	146.57	99.50	-107.90	0.14	146.77	312.68
5575.00	10.20	309.20	5556.99	169.36	115.48	-124.15	1.61	169.56	312.93
5700.00	10.40	310.30	5679.98	191.60	129.77	-141.33	0.22	191.87	312.56
5825.00	10.90	309.10	5802.82	214.57	144.52	-159.11	0.44	214.95	312.25
5950.00	10.30	313.60	5925.69	237.48	159.68	-176.37	0.82	237.92	312.16
6106.00	10.60	318.30	6079.11	265.75	180.02	-196.02	0.58	266.14	312.56
6200.00	10.40	318.60	6171.53	282.86	192.83	-207.38	0.22	283.18	312.92
6326.00	10.10	318.90	6295.52	305.25	209.69	-222.17	0.24	305.50	313.35
6420.00	10.20	320.10	6388.05	321.78	222.29	-232.92	0.25	321.97	313.66
6513.00	10.70	319.20	6479.51	338.60	235.14	-243.85	0.57	338.75	313.96
6607.00	10.20	316.10	6571.95	355.64	247.74	-255.32	0.80	355.76	314.14
6761.00	9.70	315.80	6723.63	382.24	266.87	-273.82	0.33	382.36	314.26
6886.00	10.40	320.90	6846.71	404.01	283.18	-288.28	0.91	404.09	314.49
7011.00	9.90	317.60	6969.76	425.99	299.87	-302.64	0.61	426.04	314.74
7136.00	10.50	321.70	7092.78	448.05	316.74	-316.94	0.75	448.08	314.98
7292.00	10.00	323.60	7246.29	475.60	338.80	-333.79	0.39	475.60	315.43
7417.00	10.40	324.70	7369.32	497.49	356.74	-346.75	0.36	497.49	315.81
7605.00	10.00	326.30	7554.35	530.29	384.17	-365.61	0.26	530.34	316.42
7793.00	9.60	329.00	7739.61	561.59	411.19	-382.74	0.32	561.75	317.05
7850.00	9.60	329.00	7795.81	570.84	419.34	-387.64	0.00	571.06	317.25



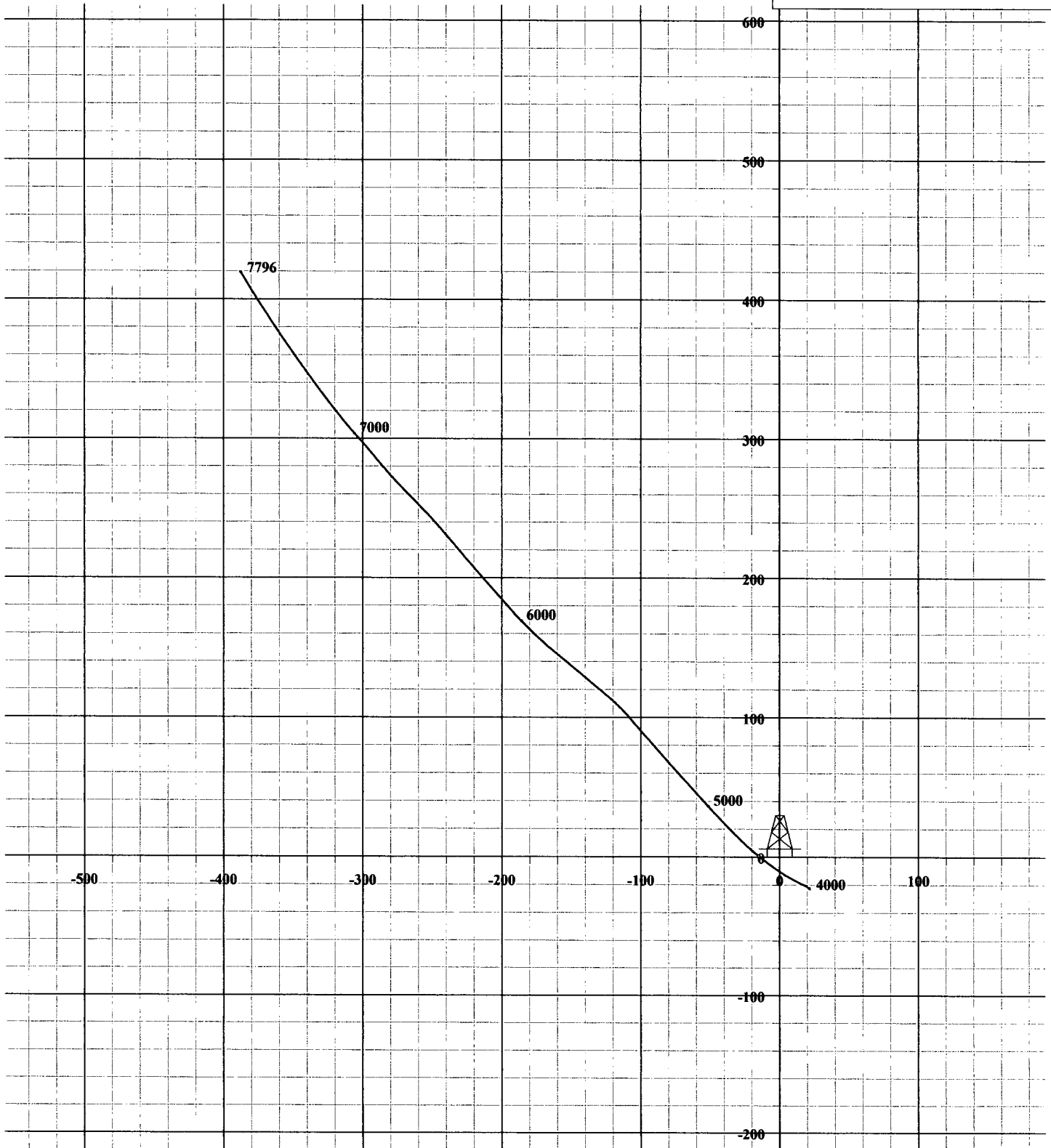
**Scientific
Drilling**

Field: Wildcat
Site: Lea County, NM
Well: State A #11
Wellpath: DH - Job #32D0705489
Survey: 07/10/05-07/19/05



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Strength: On I
Dip Angle: 0.00°
Date: 8/23/2005
Model: WMM_95

South(-)/North(+) [100ft/in]



West(-)/East(+) [100ft/in]