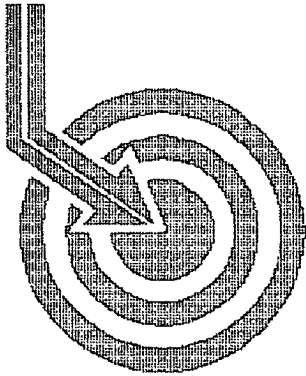


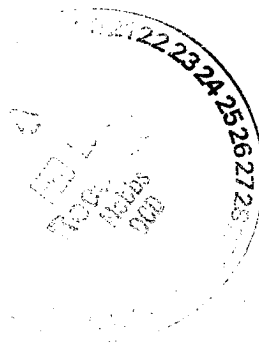


Scientific Drilling

SUR: I-19-18s-38e, 1690/S & 1080/E
BHL: J-19-18s-38e, 2001/S & 1865/E
API # 30-025-37445

OCCIDENTAL PERMIAN LTD.

Field: Hobbs, North
Site: Lea County, NM
Well: NHU #19-733
Wellpath: DH - Job #32D1105760
Survey: 11/09/05-11/13/05



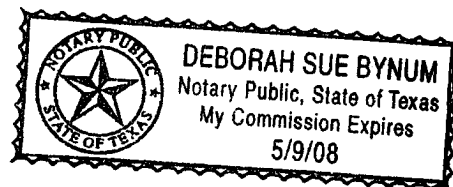
This survey is correct to the best of my knowledge
and is supported by actual field data.

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

Notorized this date 19th of December, 2005.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 12/7/2005	Time: 13:31:44	Page: 1
Field: Hobbs, North	Co-ordinate(NE) Reference:	Site: Lea County, NM, True North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: NHU #19-733	Section (VS) Reference:	Well (0.00N,0.00E,291.51Azi)	
Wellpath: VH - Job #32K1105823	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 11/09/05	Start Date: 11/9/2005
Company: Scientific Drilling Internatio	Engineer: Gonzales w/P&M
Tool: Keeper;Keeper Surface Readout	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	359.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.17	151.24	100.00	-0.11	-0.13	0.07	0.17	0.15	151.24
200.00	0.14	345.47	200.00	-0.16	-0.14	0.11	0.31	0.18	141.68
300.00	0.11	293.79	300.00	0.01	0.02	-0.01	0.11	0.02	337.15
400.00	0.24	253.19	400.00	0.27	-0.01	-0.29	0.17	0.29	268.70
500.00	0.09	324.53	500.00	0.50	0.00	-0.54	0.23	0.54	269.65
600.00	0.39	167.32	600.00	0.38	-0.27	-0.51	0.47	0.58	242.06
700.00	0.31	236.20	700.00	0.34	-0.75	-0.66	0.40	1.00	221.27
800.00	1.02	290.24	799.99	1.38	-0.60	-1.72	0.87	1.82	250.89
900.00	1.15	286.86	899.97	3.27	0.00	-3.52	0.14	3.52	270.04
1000.00	1.24	285.65	999.95	5.35	0.59	-5.52	0.09	5.55	276.05
1100.00	1.11	307.32	1099.93	7.36	1.46	-7.33	0.46	7.48	281.30
1200.00	1.02	324.45	1199.91	9.04	2.78	-8.62	0.33	9.06	287.85
1300.00	1.00	329.17	1299.90	10.47	4.25	-9.58	0.09	10.48	293.91
1400.00	0.48	336.06	1399.89	11.46	5.38	-10.20	0.53	11.53	297.81
1500.00	0.38	351.19	1499.89	11.93	6.09	-10.42	0.15	12.07	300.31
1580.00	0.31	357.17	1579.88	12.15	6.57	-10.47	0.10	12.36	302.10



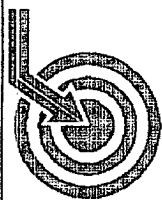
Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 12/7/2005	Time: 13:41:27	Page: 1
Field: Hobbs, North	Co-ordinate(NE) Reference:	Site: Lea County, NM, True North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: NHU #19-733	Section (VS) Reference:	Well (0.00N,0.00E,291.51Azi)	
Wellpath: DH - Job #32D1105760	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 11/09/05-11/13/05 MWD 1607'-4520'	Start Date: 11/9/2005
Company: Scientific Drilling Internatio	Engineer: Barbre/McCormick
Tool: MWD;MWD	Tied-to: From: Definitive Path

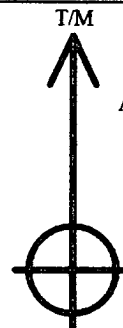
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1580.00	0.31	357.17	1579.88	12.15	6.57	-10.47	0.00	12.36	302.10
1607.00	0.31	11.57	1606.88	12.20	6.71	-10.46	0.29	12.43	302.69
1700.00	1.53	305.34	1699.87	13.44	7.68	-11.42	1.54	13.77	303.91
1793.00	3.11	298.90	1792.79	17.15	9.62	-14.65	1.72	17.52	303.29
1886.00	4.60	287.12	1885.58	23.37	11.93	-20.42	1.81	23.65	300.30
1981.00	6.97	288.94	1980.09	32.93	14.93	-29.51	2.50	33.07	296.83
2074.00	9.51	292.88	2072.12	46.25	19.75	-41.93	2.80	46.35	295.22
2167.00	11.93	296.58	2163.49	63.51	27.04	-57.61	2.70	63.64	295.14
2261.00	14.16	294.63	2255.06	84.67	36.18	-76.75	2.42	84.85	295.24
2356.00	16.77	294.52	2346.62	109.96	46.71	-99.79	2.75	110.18	295.08
2447.00	19.43	292.87	2433.11	138.21	58.04	-125.68	2.98	138.44	294.79
2541.00	21.97	291.78	2521.03	171.43	70.64	-156.42	2.73	171.63	294.31
2634.00	21.45	291.04	2607.43	205.83	83.20	-188.45	0.63	206.00	293.82
2726.00	21.06	291.16	2693.18	239.18	95.21	-219.56	0.43	239.32	293.44
2818.00	21.58	290.84	2778.88	272.63	107.20	-250.79	0.58	272.74	293.14
2912.00	20.21	291.18	2866.70	306.15	119.21	-282.09	1.46	306.24	292.91
3006.00	20.53	290.26	2954.82	338.87	130.79	-312.69	0.48	338.94	292.70
3100.00	21.31	289.94	3042.62	372.42	142.32	-344.21	0.84	372.47	292.46
3193.00	21.96	290.18	3129.07	406.70	154.08	-376.42	0.71	406.73	292.26
3285.00	20.53	289.96	3214.81	440.02	165.52	-407.73	1.56	440.05	292.10
3347.00	19.83	290.58	3273.01	461.41	172.93	-427.79	1.18	461.42	292.01
3440.00	20.59	289.06	3360.28	493.52	183.82	-458.02	0.99	493.53	291.87
3534.00	19.19	288.12	3448.67	525.45	194.02	-488.32	1.53	525.46	291.67
3629.00	19.31	288.04	3538.36	556.72	203.74	-518.10	0.13	556.72	291.47
3723.00	19.37	290.17	3627.06	587.82	213.93	-547.51	0.75	587.82	291.34
3817.00	20.59	292.84	3715.40	619.93	225.72	-577.38	1.62	619.93	291.35
3910.00	19.69	291.50	3802.71	651.94	237.81	-607.03	1.09	651.95	291.39
4003.00	18.99	290.99	3890.46	682.74	248.97	-635.73	0.77	682.74	291.39
4097.00	18.36	291.57	3979.51	712.84	259.89	-663.78	0.70	712.84	291.38
4130.00	18.36	291.57	4010.83	723.24	263.71	-673.44	0.00	723.24	291.38
4190.00	17.02	290.70	4068.00	741.47	270.29	-690.45	2.28	741.47	291.38
4283.00	18.92	293.51	4156.46	770.15	281.12	-717.01	2.25	770.15	291.41
4377.00	18.19	293.56	4245.57	800.04	293.06	-744.43	0.78	800.04	291.49
4439.00	18.05	293.54	4304.50	819.31	300.77	-762.11	0.23	819.31	291.54
4520.00	18.05	293.54	4381.51	844.39	310.79	-785.12	0.00	844.39	291.60



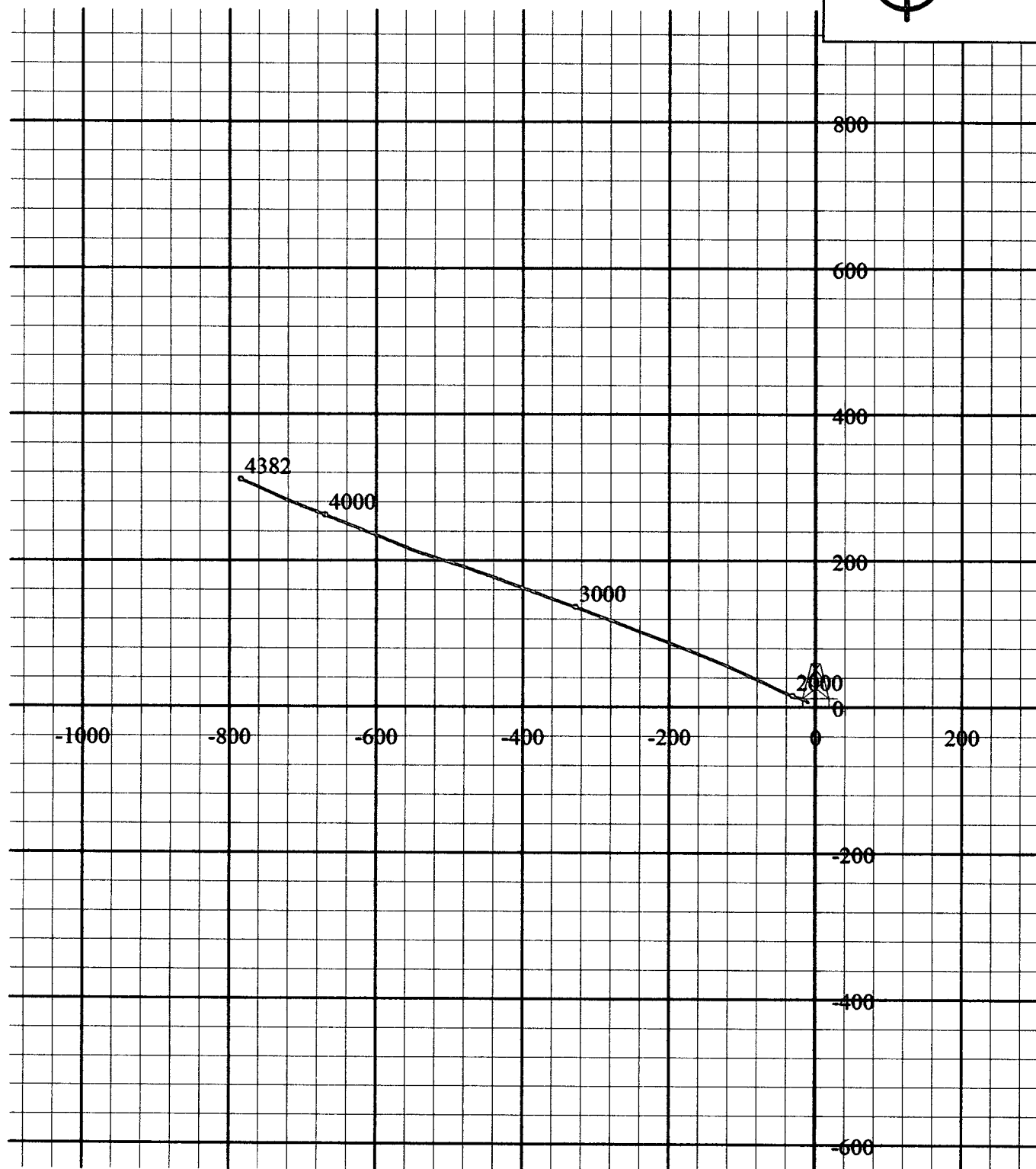
Scientific
Drilling

Field: Hobbs, North
Site: Lea County, NM
Well: NHU #19-733
Wellpath: DH - Job #32D1105760
Survey: 11/09/05-11/13/05



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/7/2005
Model: Wmm_95



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

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