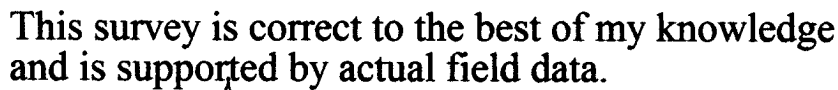




SUR: F-4-19s-38e, 1660/N & 2106/W
BHL: F-4-19s-38e, 1840/N & 2484/W
API # 30-025-37266

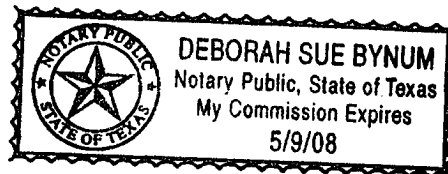
Field: Hobbs, South
Site: Lea County, NM
Well: SHU #243
Wellpath: DH - Job #32D0705476
Survey: 07/01/05-07/06/05



Lead Noddy.....Company Representative

Notorized this date 17th of August, 2005.

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD. Date: 8/17/2005 Time: 17:07:32 Page: 1
Field: Hobbs, South Co-ordinate(NE) Reference: Site: Lea County, NM, True North
Site: Lea County, NM Vertical (TVD) Reference: SITE 0.0
Well: SHU #243 Section (VS) Reference: Well (0.00N,0.00E,115.65Azi)
Wellpath: VH - Job #32K0705479 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 07/03/05 Start Date: 7/3/2005
Company: Scientific Drilling Internatio Engineer: Gonzales/Rowe
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	0.53	291.62	100.00	-0.46	0.17	-0.43	0.53	0.46	291.62
200.00	0.20	264.64	200.00	-1.07	0.32	-1.03	0.36	1.08	287.43
300.00	0.20	132.46	300.00	-1.05	0.19	-1.08	0.37	1.10	280.01
400.00	0.06	79.37	400.00	-0.85	0.08	-0.90	0.17	0.90	275.23
500.00	0.20	289.66	500.00	-0.98	0.15	-1.01	0.25	1.02	278.47
600.00	0.37	305.67	599.99	-1.47	0.40	-1.44	0.19	1.49	285.46
700.00	0.44	325.86	699.99	-2.12	0.90	-1.92	0.16	2.12	295.25
800.00	0.82	334.93	799.99	-3.00	1.87	-2.43	0.39	3.07	307.52
900.00	1.07	335.14	899.97	-4.28	3.36	-3.13	0.25	4.60	317.07
1000.00	1.26	331.47	999.95	-5.89	5.18	-4.05	0.20	6.57	321.98
1100.00	1.44	329.92	1099.92	-7.82	7.23	-5.20	0.18	8.91	324.27
1200.00	1.45	338.36	1199.89	-9.79	9.49	-6.30	0.21	11.39	326.44
1300.00	1.52	339.78	1299.86	-11.67	11.92	-7.22	0.08	13.93	328.77
1380.00	1.19	350.27	1379.84	-12.91	13.73	-7.73	0.51	15.76	330.62



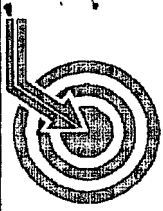
Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 8/17/2005	Time: 17:11:32	Page: 1
Field: Hobbs, South	Co-ordinate(NE) Reference:	Site: Lea County, NM, True North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: SHU #243	Section (VS) Reference:	Well (0.00N,0.00E,115.65Azi)	
Wellpath: DH - Job #32D0705476	Survey Calculation Method:	Minimum Curvature Db: Sybase	

Survey: 07/01/05-07/06/05	Start Date: 7/1/2005
Company: Scientific Drilling Internatio	Engineer: Sutton/Ledbetter/Woolfolk
Tool: MWD;MWD	Tied-to: From: Definitive Path

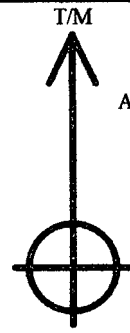
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1380.00	1.19	350.27	1379.84	-12.91	13.73	-7.73	0.00	15.76	330.62
1470.00	0.50	86.70	1469.83	-13.11	14.67	-7.50	1.49	16.48	332.94
1563.00	0.40	357.50	1562.83	-12.91	15.02	-7.11	0.68	16.62	334.68
1626.00	1.69	93.28	1625.82	-12.15	15.19	-6.19	2.82	16.40	337.83
1719.00	4.76	116.85	1718.66	-7.03	13.37	-1.38	3.53	13.44	354.13
1813.00	7.84	121.00	1812.08	3.26	8.30	7.60	3.31	11.26	42.48
1874.00	8.00	123.01	1872.50	11.61	3.85	14.73	0.52	15.22	75.37
1966.00	10.04	120.22	1963.36	25.96	-3.68	27.03	2.27	27.28	97.75
2059.00	9.99	119.34	2054.94	42.09	-11.71	41.06	0.17	42.70	105.92
2123.00	10.10	118.15	2117.96	53.23	-17.08	50.85	0.37	53.64	108.57
2220.00	9.92	118.47	2213.49	70.08	-25.07	65.70	0.19	70.32	110.89
2310.00	9.88	117.60	2302.15	85.54	-32.35	79.35	0.17	85.69	112.18
2404.00	9.72	116.36	2394.77	101.53	-39.61	93.61	0.28	101.64	112.93
2497.00	9.57	117.85	2486.46	117.11	-46.70	107.48	0.31	117.19	113.49
2590.00	9.17	115.16	2578.22	132.24	-53.47	121.02	0.64	132.31	113.84
2680.00	8.74	118.70	2667.12	146.24	-59.80	133.51	0.78	146.29	114.13
2773.00	8.10	120.54	2759.12	159.82	-66.52	145.35	0.75	159.85	114.59
2836.00	9.35	112.97	2821.39	169.36	-70.77	153.89	2.69	169.38	114.70
2899.00	9.56	111.15	2883.54	179.69	-74.66	163.48	0.58	179.72	114.55
2960.00	9.14	111.08	2943.72	189.57	-78.23	172.72	0.69	189.61	114.37
3023.00	8.44	111.32	3005.98	199.16	-81.71	181.70	1.11	199.23	114.21
3116.00	9.73	121.07	3097.82	213.79	-88.25	194.79	2.16	213.85	114.37
3206.00	8.76	122.44	3186.65	228.17	-95.85	207.09	1.11	228.19	114.84
3301.00	9.48	119.65	3280.45	243.16	-103.60	219.99	0.89	243.17	115.22
3364.00	9.39	117.71	3342.60	253.47	-108.56	229.05	0.52	253.47	115.36
3427.00	8.48	117.07	3404.83	263.25	-113.06	237.74	1.45	263.25	115.43
3520.00	9.69	120.98	3496.67	277.90	-120.21	250.55	1.46	277.90	115.63
3583.00	9.28	122.83	3558.80	288.22	-125.69	259.37	0.81	288.22	115.86
3676.00	10.06	116.75	3650.48	303.78	-133.41	272.92	1.38	303.79	116.05
3739.00	9.88	119.29	3712.53	314.68	-138.54	282.55	0.75	314.69	116.12
3799.00	10.24	113.38	3771.61	325.14	-143.17	291.94	1.82	325.15	116.12
3860.00	10.35	113.63	3831.63	336.04	-147.52	301.93	0.19	336.04	116.04
3921.00	9.93	113.83	3891.68	346.77	-151.84	311.76	0.69	346.77	115.97
3984.00	9.66	112.34	3953.76	357.48	-156.04	321.62	0.59	357.48	115.88
4078.00	9.49	112.65	4046.45	373.09	-162.03	336.07	0.19	373.09	115.74
4171.00	9.13	112.64	4138.22	388.11	-167.82	349.95	0.39	388.11	115.62
4264.00	9.00	113.00	4230.06	402.75	-173.50	363.46	0.15	402.75	115.52
4328.00	8.93	113.52	4293.28	412.71	-177.44	372.62	0.17	412.71	115.46
4368.00	8.93	113.52	4332.80	418.92	-179.92	378.32	0.00	418.92	115.43



**Scientific
Drilling**

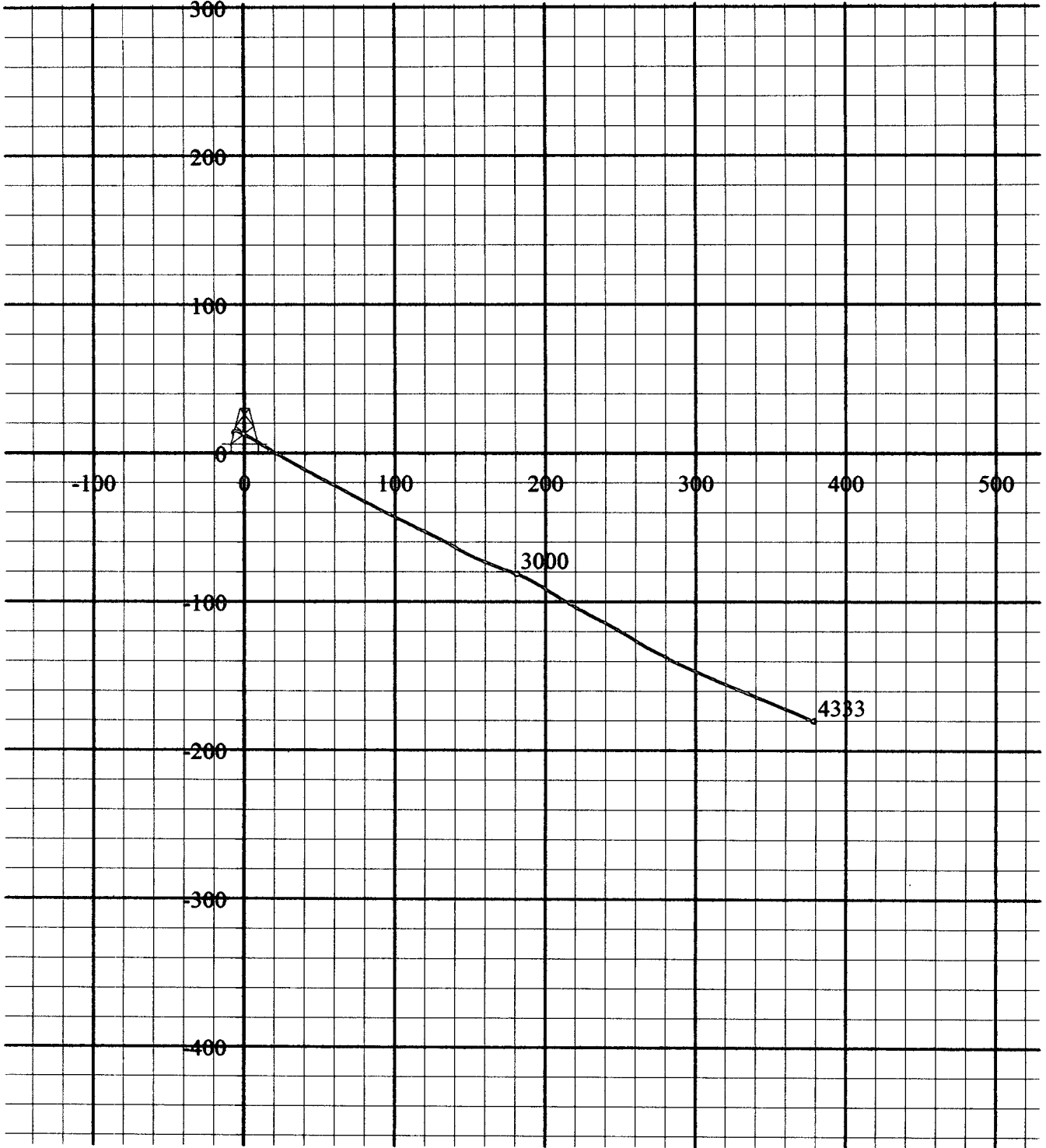
Field: Hobbs, South
Site: Lea County, NM
Well: SHU #243
Wellpath: DH - Job #32D0705476
Survey: 07/01/05-07/06/05



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 8/17/2005
Model: Wmm_95

South(-)/North(+) [50ft/in]



West(-)/East(+) [50ft/in]