

Scientific Drilling International

Survey Report

Company: MEWBOURNE OIL
 Field: Angel Ranch
 Site: Eddy County, NM
 Well: Burton Flat 5 Fed. #4
 Wellpath: VH - Job #32K0401199

Date: 5/23/2001 Time: 16:58:55 Page: 2
 Co-ordinate(N/E) Reference: Site: Eddy County, NM, True North
 Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level
 Section (VS) Reference: Well (0.0E,0.0N,301.8Azi)
 Survey Calculation Method: Minimum Curvature

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
4800.0	1.33	79.80	4799.7	-6.8	-6.8	-8.7	11.0	232.00
4900.0	0.79	51.78	4899.6	-6.1	-6.1	-7.0	9.3	228.68
5000.0	0.71	31.20	4999.6	-5.2	-5.2	-6.1	8.0	229.75
5100.0	0.72	30.15	5099.6	-4.1	-4.1	-5.5	6.9	233.16
5200.0	1.02	40.25	5199.6	-2.9	-2.9	-4.6	5.4	237.86
5300.0	1.23	33.20	5299.6	-1.3	-1.3	-3.4	3.7	249.11
5400.0	1.24	18.02	5399.6	0.6	0.6	-2.5	2.6	283.81
5500.0	1.59	356.27	5499.5	3.0	3.0	-2.3	3.8	323.21
5600.0	2.95	340.24	5599.5	6.8	6.8	-3.2	7.6	334.74
5700.0	4.20	323.21	5699.3	12.2	12.2	-6.3	13.7	332.71
5800.0	4.57	315.66	5799.0	18.0	18.0	-11.3	21.2	327.92
5900.0	4.68	312.46	5898.7	23.6	23.6	-17.1	29.1	324.11
6000.0	4.81	309.42	5998.3	29.0	29.0	-23.3	37.2	321.20
6100.0	5.36	306.20	6097.9	34.4	34.4	-30.3	45.9	318.62
6200.0	5.40	306.41	6197.5	40.0	40.0	-37.9	55.1	316.54
6300.0	5.12	303.42	6297.1	45.2	45.2	-45.4	64.1	314.89
6400.0	5.00	297.85	6396.7	49.7	49.7	-53.0	72.6	313.19
6500.0	5.09	294.68	6496.3	53.6	53.6	-60.8	81.1	311.38
6600.0	5.10	291.79	6595.9	57.1	57.1	-69.0	89.6	309.61
6700.0	5.40	288.95	6695.5	60.3	60.3	-77.6	98.2	307.85
6800.0	4.84	288.69	6795.1	63.2	63.2	-86.0	106.7	306.28
6900.0	3.19	290.54	6894.8	65.5	65.5	-92.6	113.4	305.26
7000.0	2.45	294.00	6994.7	67.3	67.3	-97.2	118.2	304.71
7100.0	1.74	304.17	7094.6	69.1	69.1	-100.4	121.9	304.52
7200.0	1.43	310.50	7194.6	70.7	70.7	-102.6	124.6	304.58
7300.0	1.54	311.66	7294.6	72.4	72.4	-104.6	127.2	304.71
7400.0	1.53	307.74	7394.5	74.1	74.1	-106.6	129.9	304.81
7500.0	1.53	298.74	7494.5	75.6	75.6	-108.8	132.5	304.78
7600.0	0.95	279.67	7594.5	76.4	76.4	-110.8	134.6	304.57
7700.0	0.64	312.15	7694.5	76.9	76.9	-112.1	135.9	304.45
7800.0	0.61	306.33	7794.4	77.6	77.6	-112.9	137.0	304.49
7900.0	1.09	277.49	7894.4	78.0	78.0	-114.3	138.4	304.32
8000.0	1.29	267.37	7994.4	78.1	78.1	-116.3	140.1	303.87
8100.0	1.67	257.24	8094.4	77.7	77.7	-118.9	142.0	303.17
8200.0	1.74	260.39	8194.3	77.1	77.1	-121.8	144.2	302.35
8260.0	1.80	248.11	8254.3	76.6	76.6	-123.6	145.4	301.80

RECEIVED
2001 JUN 13 AM 8:34
BUREAU OF LAND MGMT
ROSMELL OFFICE