

MARATHON OIL COMPANY
Indian Hills Unit No.24,slot #1
Indian Basin,EDDY COUNTY, NM.

SURVEY LISTING Page 3
Your ref : Gyro/MWD/FMI
Last revised : 24-Aug-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
2837.00	24.30	6.90	2800.41	241.05 N 37.12 E	1.20	243.65
2868.00	24.30	6.80	2828.66	253.71 N 38.64 E	0.13	256.41
2961.00	24.70	6.80	2913.29	292.01 N 43.21 E	0.43	294.97
3051.00	24.60	7.20	2995.09	329.26 N 47.79 E	0.22	332.51
3143.00	24.80	7.50	3078.67	367.39 N 52.70 E	0.26	370.94
3236.00	24.70	7.60	3163.13	405.99 N 57.82 E	0.12	409.87
3331.00	25.00	7.20	3249.33	445.58 N 62.96 E	0.36	449.78
3425.00	24.50	7.20	3334.70	484.62 N 67.89 E	0.53	489.13
3517.00	24.70	6.80	3418.35	522.64 N 72.56 E	0.28	527.43
3586.00	24.80	6.50	3481.01	551.33 N 75.91 E	0.23	556.31
3649.00	24.80	6.10	3538.20	577.59 N 78.80 E	0.27	582.74
3775.00	24.80	5.80	3652.58	630.16 N 84.28 E	0.10	635.59
3870.00	24.60	6.10	3738.89	669.64 N 88.40 E	0.25	675.29
3963.00	24.60	6.80	3823.45	708.11 N 92.75 E	0.31	714.00
4090.00	24.90	5.00	3938.78	761.00 N 98.21 E	0.64	767.16
4186.00	24.00	4.70	4026.17	800.59 N 101.57 E	0.95	806.88
4277.00	21.00	3.70	4110.24	835.31 N 104.14 E	3.32	841.68
4370.00	20.70	2.30	4197.15	868.36 N 105.87 E	0.63	874.73
4432.00	22.70	1.40	4254.75	891.27 N 106.60 E	3.27	897.58
4525.00	25.50	1.10	4339.63	929.24 N 107.43 E	3.01	935.41
4557.00	26.10	1.50	4368.44	943.16 N 107.74 E	1.95	949.28
4681.00	25.90	1.00	4479.90	997.50 N 108.93 E	0.24	1003.44
4776.00	25.80	1.20	4565.39	1038.92 N 109.73 E	0.14	1044.69
4836.00	25.40	1.20	4619.50	1064.84 N 110.27 E	0.67	1070.51
4930.00	25.70	1.30	4704.31	1105.37 N 111.15 E	0.32	1110.90

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 2687.07 on azimuth 6.80 degrees from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 6.24 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ