

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

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
1500.00	0.00	6.24	1800.00	0.00 E	0.00	0.00
1600.00	2.50	6.24	1899.97	2.17 N	2.50	2.18
1700.00	5.00	6.24	1999.74	8.67 N	2.50	8.72
1800.00	7.50	6.24	2099.14	19.49 N	2.50	19.61
1900.00	10.00	6.24	2197.97	34.61 N	2.50	34.82
2000.00	12.50	6.24	2296.04	54.00 N	2.50	54.33
2100.00	15.00	6.24	2393.17	77.63 N	2.50	78.09
2200.00	17.50	6.24	2489.16	105.44 N	2.50	106.07
2300.00	20.00	6.24	2583.85	137.40 N	2.50	138.21
2400.00	22.50	6.24	2677.04	173.42 N	2.50	174.46
2499.86	25.00	6.24	2768.44	213.40 N	2.50	214.67
2500.00	25.00	6.24	2768.57	213.46 N	0.00	214.73
3000.00	25.00	6.24	3221.74	423.49 N	0.00	426.01
3500.00	25.00	6.24	3674.90	633.52 N	0.00	637.29
4000.00	25.00	6.24	4128.07	843.55 N	0.00	848.57
4500.00	25.00	6.24	4581.24	1053.58 N	0.00	1059.86
5000.00	25.00	6.24	5034.40	1263.61 N	0.00	1271.14
5500.00	25.00	6.24	5487.57	1473.64 N	0.00	1482.42
6000.00	25.00	6.24	5940.74	1683.67 N	0.00	1693.70
6500.00	25.00	6.24	6393.90	1893.70 N	0.00	1904.98
7000.00	25.00	6.24	6847.07	2103.73 N	0.00	2116.26
7500.00	25.00	6.24	7300.24	2313.76 N	0.00	2327.55
7610.08	25.00	6.24	7400.00	2360.00 N	0.00	2374.06
8000.00	25.00	6.24	7753.40	2523.79 N	0.00	2538.83
8382.42	25.00	6.24	8100.00	2684.43 N	0.00	2700.42

Top of Upper Penn
Base of Upper Penn

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 2840.30 on azimuth 6.24 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