

Your ref : Gyro/MWD
Last revised : 12-Feb-2001

Marathon Oil Company
Indian Hills Unit No. 25, 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
4615.00	3.20	136.50	4614.35	53.39 N 28.58 E	2.50	-17.55
4647.00	3.90	136.50	4646.29	51.95 N 29.94 E	2.19	-15.57
4678.00	4.50	135.10	4677.20	50.33 N 31.52 E	1.96	-13.30
4710.00	4.70	136.20	4709.10	48.49 N 33.32 E	0.68	-10.73
4742.00	4.80	136.90	4740.99	46.57 N 35.14 E	0.36	-8.08
4773.00	5.30	138.70	4771.87	44.54 N 36.97 E	1.69	-5.36
4803.00	5.50	138.00	4801.74	42.44 N 38.85 E	0.70	-2.54
4835.00	6.10	138.70	4833.57	40.02 N 40.99 E	1.89	0.69
4867.00	6.60	137.60	4865.38	37.38 N 43.36 E	1.61	4.22
4899.00	6.90	135.80	4897.15	34.65 N 45.94 E	1.15	7.98
4931.00	7.10	135.80	4928.92	31.85 N 48.66 E	0.63	11.88
4963.00	7.30	134.80	4960.66	29.00 N 51.48 E	0.74	15.89
5025.00	7.90	132.70	5022.12	23.34 N 57.40 E	1.07	24.09
5088.00	8.80	132.70	5084.45	17.13 N 64.13 E	1.43	33.23
5151.00	9.50	134.10	5146.65	10.24 N 71.40 E	1.17	43.24
5215.00	10.30	138.30	5209.70	2.30 N 79.00 E	1.68	54.24
5279.00	11.00	142.90	5272.59	6.85 S 86.49 E	1.72	66.00
5342.00	11.60	143.90	5334.37	16.76 S 93.85 E	1.00	78.21
5405.00	12.20	144.60	5396.02	27.30 S 101.44 E	0.98	91.03
5468.00	13.60	144.60	5457.43	38.77 S 109.58 E	2.22	104.90
5531.00	14.60	146.00	5518.53	51.39 S 118.32 E	1.68	120.00
5593.00	14.30	146.40	5578.57	64.24 S 126.92 E	0.51	135.17
5625.00	14.20	147.40	5609.58	70.84 S 131.22 E	0.83	142.88
5689.00	14.30	147.40	5671.61	84.11 S 139.71 E	0.16	158.27
5752.00	14.40	147.10	5732.65	97.24 S 148.16 E	0.20	173.53

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1212.64 on azimuth 146.42 degrees from wellhead.

Vertical section is from wellhead on azimuth 135.00 degrees.
Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ