

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

SURVEY LISTING Page 2
Your ref : Gyro/MWD/FMI
Last revised : 24-Aug-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True 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
1993.00	7.50	1.90	1992.33	10.02 N	3.55	10.98
2025.00	8.60	3.30	2024.01	14.49 N	3.49	15.45
2056.00	9.60	4.20	2054.62	19.38 N	3.26	20.35
2088.00	10.10	3.70	2086.15	24.84 N	1.59	25.82
2120.00	10.20	3.70	2117.65	30.47 N	0.31	31.45
2150.00	10.80	4.70	2147.15	35.92 N	2.09	36.92
2181.00	11.50	5.10	2177.56	41.90 N	2.27	42.91
2213.00	11.90	5.40	2208.90	48.36 N	1.26	49.40
2244.00	12.10	6.10	2239.22	54.77 N	0.80	55.84
2275.00	12.70	6.20	2269.50	61.39 N	1.94	62.50
2307.00	13.40	6.10	2300.67	68.57 N	2.19	69.72
2338.00	14.30	6.10	2330.77	75.95 N	2.90	77.15
2369.00	15.20	6.50	2360.75	83.80 N	2.92	85.04
2401.00	15.80	6.80	2391.58	92.29 N	1.89	93.59
2432.00	16.30	7.20	2421.38	100.80 N	1.65	102.16
2463.00	16.80	7.60	2451.09	109.56 N	1.65	110.99
2494.00	17.30	7.90	2480.73	118.56 N	1.64	120.07
2525.00	17.90	7.60	2510.28	127.85 N	1.96	129.44
2555.00	18.70	8.30	2538.76	137.18 N	2.77	138.86
2587.00	19.40	8.60	2569.01	147.51 N	2.21	149.30
2618.00	20.20	7.90	2598.17	157.90 N	2.69	159.79
2650.00	20.70	8.30	2628.16	168.97 N	1.62	170.96
2680.00	21.60	7.90	2656.14	179.69 N	3.04	181.78
2711.00	22.40	7.90	2684.88	191.19 N	2.58	193.39
2742.00	23.20	7.60	2713.46	203.09 N	2.61	205.40

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