

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

SURVEY LISTING Page 4
Your ref : Gyro/MWD/FMI
Last revised : 24-Aug-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Depth	R C O R R	E C T A N G I N A T E S	Dogleg Deg/100ft	Vert Sect
5024.00	25.60	1.00	4789.04	1146.05	N	0.17	1151.43
5117.00	25.80	1.10	4872.84	1186.38	N	0.22	1191.60
5336.00	26.50	359.50	5069.43	1282.88	N	0.45	1287.59
5466.00	26.70	0.10	5185.67	1341.09	N	0.26	1345.43
5591.00	23.40	358.10	5298.90	1394.00	N	2.73	1397.94
5654.00	20.70	357.70	5357.28	1417.63	N	4.29	1421.34
5715.00	19.50	357.40	5414.57	1438.57	N	1.97	1442.06
5743.00	18.90	357.70	5441.01	1447.77	N	2.17	1451.16
5835.00	20.50	0.90	5527.63	1478.77	N	2.10	1481.94
5897.00	21.80	1.90	5585.45	1501.14	N	2.18	1504.23
5960.00	23.10	3.70	5643.67	1525.16	N	2.33	1528.24
6054.00	25.20	8.00	5729.45	1563.39	N	2.91	1566.67
6150.00	25.90	9.00	5816.06	1604.33	N	0.86	1608.04
6210.00	26.00	8.30	5870.01	1630.29	N	0.54	1634.27
6303.00	26.30	7.60	5953.49	1670.88	N	0.46	1675.24
6395.00	26.20	7.20	6036.00	1711.23	N	0.22	1715.92
6488.00	26.60	7.80	6119.31	1752.23	N	0.52	1757.26
6581.00	26.80	10.40	6202.39	1793.48	N	1.27	1798.99
6675.00	26.70	10.40	6286.33	1835.10	N	0.11	1841.19
6769.00	26.50	11.40	6370.38	1876.43	N	0.52	1883.14
6858.00	26.00	11.80	6450.20	1914.98	N	0.60	1922.33
6920.00	25.80	11.10	6505.98	1941.53	N	0.59	1949.30
7015.00	26.10	9.80	6591.40	1982.41	N	0.68	1990.75
7108.00	26.20	9.70	6674.88	2022.80	N	0.12	2031.66
7205.00	26.30	10.00	6761.88	2065.07	N	0.17	2074.48

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