

Marathon Oil Company
IHU #36, slot #1
INDIAN BASIN, Eddy County New Mexico

PROPOSAL LISTING Page 1
Your ref : R2 2DJ RH
Last revised : 3-Jan-2002

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	G R I D Easting	C O O R D S Northing
0.00	0.00	40.02	0.00	0.00N	0.00E	0.00	0.00	546971.88	3596023.70
500.00	0.00	40.02	500.00	0.00N	0.00E	0.00	0.00	546971.88	3596023.70
1000.00	0.00	40.02	1000.00	0.00N	0.00E	0.00	0.00	546971.88	3596023.70
1500.00	0.00	40.02	1500.00	0.00N	0.00E	0.00	0.00	546971.88	3596023.70
2000.00	0.00	40.02	2000.00	0.00N	0.00E	0.00	0.00	546971.88	3596023.70
2350.00	0.00	40.02	2350.00	0.00N	0.00E	0.00	0.00	546971.88	3596023.70
2450.00	2.50	40.02	2449.97	1.67N	1.40E	2.50	2.18	546972.30	3596024.21
2550.00	5.00	40.02	2549.75	6.68N	5.61E	2.50	8.72	546973.58	3596025.75
2650.00	7.50	40.02	2649.14	15.02N	12.61E	2.50	19.61	546975.70	3596028.30
2750.00	10.00	40.02	2747.97	26.66N	22.39E	2.50	34.82	546978.66	3596031.86
2850.00	12.50	40.02	2846.04	41.60N	34.93E	2.50	54.33	546982.46	3596036.43
2924.46	14.36	40.02	2918.46	54.85N	46.05E	2.50	71.62	546985.83	3596040.48
3000.00	14.36	40.02	2991.64	69.20N	58.10E	0.00	90.36	546989.48	3596044.87
3500.00	14.36	40.02	3476.02	164.18N	137.85E	0.00	214.38	547013.65	3596073.92
4000.00	14.36	40.02	3960.39	259.16N	217.60E	0.00	338.40	547037.81	3596102.97
4500.00	14.36	40.02	4444.77	354.13N	297.35E	0.00	462.42	547061.97	3596132.03
5000.00	14.36	40.02	4929.14	449.11N	377.10E	0.00	586.43	547086.13	3596161.08
5500.00	14.36	40.02	5413.52	544.09N	456.85E	0.00	710.45	547110.30	3596190.13
6000.00	14.36	40.02	5897.89	639.07N	536.60E	0.00	834.47	547134.46	3596219.18
6500.00	14.36	40.02	6382.27	734.05N	616.34E	0.00	958.49	547158.62	3596248.24
7000.00	14.36	40.02	6866.64	829.03N	696.09E	0.00	1082.51	547182.78	3596277.29
7395.72	14.36	40.02	7250.00	904.20N	759.21E	0.00	1180.67	547201.91	3596300.28
7400.00	14.36	40.02	7254.14	905.01N	759.89E	0.01	1181.73	547202.11	3596300.53
7500.00	14.36	40.02	7351.02	924.01N	775.84E	0.00	1206.53	547206.95	3596306.34
7600.00	14.36	40.02	7447.89	943.00N	791.79E	0.00	1231.34	547211.78	3596312.15
7700.00	14.36	40.02	7544.77	962.00N	807.74E	0.00	1256.14	547216.61	3596317.96
7800.00	14.36	40.02	7641.64	981.00N	823.69E	0.00	1280.94	547221.44	3596323.77
7900.00	14.36	40.02	7738.52	999.99N	839.64E	0.00	1305.75	547226.27	3596329.58
8000.00	14.36	40.02	7835.39	1018.99N	855.59E	0.00	1330.55	547231.11	3596335.39
8100.00	14.36	40.02	7932.27	1037.98N	871.54E	0.00	1355.36	547235.94	3596341.20
8200.00	14.36	40.02	8029.14	1056.98N	887.49E	0.00	1380.16	547240.77	3596347.01
8300.00	14.36	40.02	8126.02	1075.97N	903.44E	0.00	1404.96	547245.60	3596352.82
8400.00	14.36	40.02	8222.89	1094.97N	919.39E	0.00	1429.77	547250.44	3596358.64
8500.00	14.36	40.02	8319.77	1113.97N	935.34E	0.00	1454.57	547255.27	3596364.45
8600.00	14.36	40.02	8416.64	1132.96N	951.29E	0.00	1479.37	547260.10	3596370.26
8700.00	14.36	40.02	8513.52	1151.96N	967.24E	0.00	1504.18	547264.93	3596376.07
8800.00	14.36	40.02	8610.39	1170.95N	983.19E	0.00	1528.98	547269.77	3596381.88
8900.00	14.36	40.02	8707.27	1189.95N	999.13E	0.00	1553.79	547274.60	3596387.69
9000.00	14.36	40.02	8804.14	1208.95N	1015.08E	0.00	1578.59	547279.43	3596393.50
9100.00	14.36	40.02	8901.02	1227.94N	1031.03E	0.00	1603.39	547284.26	3596399.31
9200.00	14.36	40.02	8997.89	1246.94N	1046.98E	0.00	1628.20	547289.10	3596405.12
9202.17	14.36	40.02	9000.00	1247.35N	1047.33E	0.00	1628.74	547289.20	3596405.25
9500.00	14.36	40.02	9288.52	1303.92N	1094.83E	0.00	1702.61	547303.59	3596422.55
9615.08	14.36	40.02	9400.00	1325.78N	1113.18E	0.00	1731.15	547309.15	3596429.24
10000.00	14.36	40.02	9772.89	1398.90N	1174.58E	0.00	1826.63	547327.75	3596451.60
10022.82	14.36	40.02	9795.00	1403.24N	1178.22E	0.00	1832.29	547328.86	3596452.93 Miss. TOP
10440.88	14.36	40.02	10200.00	1482.65N	1244.89E	0.00	1935.98	547349.06	3596477.22 T.D

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1935.98 on azimuth 40.02 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 40.02 degrees.
Grid is mercator - UTM.
Grid coordinates in METERS and computed using the Hayford spheroid
Presented by Baker Hughes INTEQ