

MARATHON OIL COMPANY
 INDIAN BASIN UNIT NO. 24, slot #1
 INDIAN BASIN, EDDY CO., NEW MEXICO

Your ref : OH ST
 Last revised : 6-Nov-97

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
6023.00	13.90	145.90	5988.79	404.50 S 207.02 E	2.19	404.50
6085.00	10.50	144.50	6049.38	415.27 S 214.48 E	5.50	415.27
6179.00	6.60	142.40	6142.32	426.52 S 222.75 E	4.16	426.52
6238.00	5.50	136.10	6200.99	431.25 S 226.78 E	2.18	431.25
6301.00	5.30	124.80	6263.71	435.08 S 231.26 E	1.71	435.08
6333.00	5.30	120.60	6295.58	436.68 S 233.75 E	1.21	436.68
6397.00	7.00	125.50	6359.21	440.45 S 239.47 E	2.78	440.45
6459.00	10.40	129.70	6420.48	446.22 S 246.85 E	5.58	446.22
6522.00	13.30	135.40	6482.14	455.01 S 256.32 E	4.96	455.01
6585.00	13.30	139.60	6543.45	465.69 S 266.10 E	1.53	465.69
6648.00	11.90	143.10	6604.93	476.41 S 274.70 E	2.53	476.41
6679.00	11.50	141.00	6635.29	481.36 S 278.56 E	1.88	481.36
6711.00	11.30	140.30	6666.65	486.25 S 282.58 E	0.76	486.25
6774.00	10.70	140.30	6728.50	495.50 S 290.25 E	0.95	495.50
6835.00	10.90	139.20	6788.42	504.23 S 297.64 E	0.47	504.23
6897.00	10.90	142.50	6849.30	513.31 S 305.04 E	1.01	513.31
6960.00	11.10	141.00	6911.14	522.75 S 312.48 E	0.55	522.75
7023.00	11.50	137.50	6972.92	532.10 S 320.54 E	1.26	532.10
7086.00	11.70	137.50	7034.63	541.44 S 329.10 E	0.32	541.44
7116.00	11.90	137.60	7064.00	545.96 S 333.24 E	0.67	545.96
7146.00	12.50	139.40	7093.32	550.71 S 337.44 E	2.37	550.71
7177.00	12.50	141.80	7123.59	555.90 S 341.70 E	1.68	555.90
7209.00	11.50	144.30	7154.89	561.21 S 345.70 E	3.52	561.21
7272.00	9.40	145.90	7216.84	570.57 S 352.25 E	3.36	570.57
7355.00	7.75	145.00	7298.91	580.77 S 359.26 E	1.99	580.77

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from wellhead.

Bottom hole distance is 2288.03 on azimuth 170.49 degrees from wellhead.
 Vertical section is from N 0.00 W 0.00 on azimuth 180.00 degrees.

Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ