

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

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
0.00	0.00	0.00	0.00	0.00 E	0.00	0.00
100.00	1.66	152.16	99.99	0.68 E	1.66	1.28
200.00	3.12	174.20	199.90	1.63 E	1.70	5.27
300.00	4.11	182.30	299.70	1.76 E	1.11	11.56
400.00	4.20	182.26	399.44	1.47 E	0.09	18.80
500.00	3.85	182.99	499.19	1.15 E	0.35	25.81
600.00	3.83	181.89	598.96	0.87 E	0.08	32.50
700.00	3.97	179.52	698.73	0.79 E	0.21	39.30
800.00	4.29	181.11	798.47	0.74 E	0.34	46.50
900.00	4.01	180.68	898.21	0.63 E	0.28	53.74
1000.00	3.87	177.12	997.97	0.76 E	0.28	60.60
1100.00	3.82	173.68	1097.75	1.29 E	0.24	67.28
1200.00	3.85	171.99	1197.53	2.13 E	0.12	73.92
1300.00	3.91	171.05	1297.30	3.12 E	0.09	80.61
1400.00	3.87	170.10	1397.07	4.24 E	0.08	87.30
1500.00	3.54	170.13	1496.86	5.34 E	0.33	93.67
1600.00	3.36	170.37	1596.68	6.36 E	0.18	99.60
1700.00	3.20	171.19	1696.51	7.28 E	0.17	105.25
1800.00	3.12	169.82	1796.36	8.19 E	0.11	110.69
1900.00	3.06	169.11	1896.21	9.18 E	0.07	115.98
2000.00	3.03	171.19	1996.07	10.08 E	0.11	121.22
2100.00	3.03	171.22	2095.93	10.89 E	0.00	126.44
2200.00	2.92	172.67	2195.80	11.62 E	0.13	131.58
2300.00	2.84	174.69	2295.67	12.18 E	0.13	136.57
2400.00	2.80	175.44	2395.55	12.60 E	0.05	141.47

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