

MARATHON

INDIAN BASIN UNIT NO. 24, slot #1

INDIAN BASIN, EDDY COUNTY, NEW MEXICO

Your ref : survey

Last revised : 28-Mar-96

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
4693.00	8.00	140.00	4682.61	244.69 S 53.35 E	2.38	234.20
4801.00	7.00	136.00	4789.69	255.18 S 62.76 E	1.04	248.12
4864.00	6.50	130.20	4852.25	260.24 S 68.14 E	1.34	255.30
4927.00	5.80	120.00	4914.89	264.14 S 73.63 E	2.06	261.55
4990.00	5.40	112.20	4977.59	266.85 S 79.13 E	1.36	266.83
5012.00	4.50	104.50	4999.51	267.46 S 80.92 E	5.08	268.31
5055.00	3.90	100.80	5042.39	268.15 S 83.99 E	1.53	270.57
5115.00	3.60	98.80	5102.26	268.82 S 87.86 E	0.54	273.24
5170.00	4.50	91.10	5157.13	269.13 S 91.72 E	1.91	275.60
5202.00	5.30	96.00	5189.01	269.31 S 94.45 E	2.82	277.24
5233.00	6.30	101.60	5219.85	269.80 S 97.54 E	3.70	279.34
5295.00	8.00	112.20	5281.37	272.12 S 104.86 E	3.46	285.28
5358.00	9.80	122.70	5343.61	276.67 S 113.44 E	3.84	293.77
5421.00	10.90	134.00	5405.59	283.70 S 122.23 E	3.66	304.46
5452.00	11.10	139.60	5436.02	288.01 S 126.28 E	3.50	310.28
5515.00	11.30	143.10	5497.82	297.57 S 133.91 E	1.12	322.45
5578.00	11.50	142.40	5559.58	307.48 S 141.45 E	0.39	334.87
5640.00	14.30	145.20	5620.01	318.66 S 149.59 E	4.63	348.69
5695.00	16.60	147.30	5673.02	330.86 S 157.72 E	4.30	363.34
5731.00	16.80	146.60	5707.50	339.53 S 163.36 E	0.79	373.68
5798.00	16.20	146.60	5771.74	355.41 S 173.83 E	0.90	392.71
5861.00	15.60	146.30	5832.33	369.80 S 183.37 E	0.96	409.97
5892.00	15.40	145.90	5862.20	376.67 S 187.99 E	0.73	418.25
5948.00	15.20	145.20	5916.22	388.86 S 196.35 E	0.49	433.02
5991.00	14.60	145.90	5957.77	397.98 S 202.60 E	1.46	444.08

All data is in feet unless otherwise stated

Coordinates from structure and TVD from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 146.95 degrees.

Declination is 0.00 degrees, Convergence is 0.00 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ