

MARATHON
INDIAN BASIN UNIT NO. 24, slot #1
INDIAN BASIN, EDDY COUNTY, NEW MEXICO

SURVEY LISTING Page 4
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
6023.00	13.90	145.90	5988.79	404.50 S 207.02 E	2.19	451.95
6085.00	10.50	144.50	6049.38	415.27 S 214.48 E	5.50	465.04
6179.00	6.60	142.40	6142.32	426.52 S 222.75 E	4.16	478.99
6238.00	5.50	136.10	6200.99	431.25 S 226.78 E	2.18	485.15
6301.00	5.30	124.80	6263.71	435.08 S 231.26 E	1.71	490.81
6333.00	5.30	120.60	6295.58	436.68 S 233.75 E	1.21	493.50
6397.00	7.00	125.50	6359.20	440.45 S 239.47 E	2.78	499.78
6459.00	10.40	129.70	6420.48	446.22 S 246.85 E	5.58	508.64
6522.00	13.30	135.40	6482.14	455.01 S 256.32 E	4.96	521.18
6585.00	13.30	139.60	6543.45	465.69 S 266.10 E	1.53	535.47
6648.00	11.90	143.10	6604.93	476.41 S 274.70 E	2.53	549.14
6679.00	11.50	141.00	6635.29	481.36 S 278.56 E	1.88	555.40
6711.00	11.30	140.30	6666.65	486.25 S 282.58 E	0.76	561.68
6774.00	10.70	140.30	6728.50	495.50 S 290.25 E	0.95	573.62
6835.00	10.90	139.20	6788.42	504.23 S 297.64 E	0.47	584.96
6897.00	10.90	142.50	6849.30	513.31 S 305.04 E	1.01	596.62
6960.00	11.10	141.00	6911.14	522.75 S 312.48 E	0.55	608.59
7023.00	11.50	137.50	6972.92	532.10 S 320.54 E	1.26	620.81
7086.00	11.70	137.50	7034.63	541.44 S 329.10 E	0.32	633.31
7116.00	11.90	137.60	7064.00	545.96 S 333.24 E	0.67	639.36
7146.00	12.50	139.40	7093.32	550.71 S 337.44 E	2.37	645.63
7177.00	12.50	141.80	7123.59	555.90 S 341.70 E	1.68	652.30
7209.00	11.50	144.30	7154.89	561.21 S 345.70 E	3.52	658.94
7272.00	9.40	145.90	7216.84	570.57 S 352.25 E	3.36	670.35
7355.00	7.75	145.00	7298.91	580.77 S 359.26 E	1.99	682.72

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