

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

SURVEY LISTING Page 2
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
2500.00	2.52	175.46	2495.44	146.10 S 12.97 E	0.28	129.53
2600.00	2.48	173.92	2595.35	150.44 S 13.37 E	0.08	133.39
2700.00	2.42	175.55	2695.26	154.70 S 13.76 E	0.09	137.17
2800.00	2.34	176.87	2795.17	158.84 S 14.04 E	0.10	140.80
2900.00	2.16	176.13	2895.09	162.76 S 14.28 E	0.18	144.21
3000.00	1.95	176.11	2995.03	166.34 S 14.52 E	0.21	147.34
3100.00	1.73	174.18	3094.98	169.54 S 14.79 E	0.23	150.17
3200.00	1.61	174.68	3194.94	172.44 S 15.07 E	0.12	152.76
3300.00	1.53	175.68	3294.90	175.17 S 15.30 E	0.08	155.17
3400.00	1.46	168.69	3394.86	177.75 S 15.65 E	0.20	157.52
3500.00	1.42	168.92	3494.83	180.21 S 16.14 E	0.04	159.86
3600.00	1.28	174.03	3594.80	182.54 S 16.49 E	0.18	162.00
3700.00	1.18	168.68	3694.78	184.66 S 16.81 E	0.15	163.95
3800.00	1.14	173.95	3794.76	186.66 S 17.12 E	0.11	165.79
3900.00	0.99	181.97	3894.74	188.51 S 17.20 E	0.21	167.39
4000.00	0.87	188.38	3994.73	190.13 S 17.06 E	0.16	168.66
4100.00	0.66	204.73	4094.72	191.40 S 16.70 E	0.30	169.54
4130.00	0.61	208.38	4124.72	191.70 S 16.56 E	0.21	169.71
4191.00	0.60	211.00	4185.72	192.26 S 16.24 E	0.05	170.00
4299.00	3.50	168.10	4293.64	195.97 S 16.62 E	2.86	173.33
4390.00	8.30	148.70	4384.14	204.30 S 20.61 E	5.64	182.49
4423.00	10.30	142.50	4416.70	208.68 S 23.65 E	6.77	187.81
4433.00	10.80	141.50	4426.53	210.12 S 24.77 E	5.32	189.64
4566.00	10.25	140.00	4557.30	228.94 S 40.14 E	0.46	213.79
4630.00	9.50	140.00	4620.35	237.35 S 47.19 E	1.17	224.68

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