

MARATHON

Royal State No. 1, slot #1
UNKNOWN, LEA COUNTY, NEW MEXICOSURVEY LISTING Page 1
Your ref :
Last revised : 31-Jan-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
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
100.00	0.59	340.86	100.00	0.48 N	0.17 W	0.48
200.00	0.31	286.51	200.00	1.05 N	0.60 W	1.05
300.00	0.14	134.78	300.00	1.04 N	0.77 W	1.04
400.00	0.46	359.09	399.99	1.35 N	0.69 W	1.35
500.00	0.25	251.12	499.99	1.68 N	0.90 W	1.68
600.00	0.49	50.32	599.99	1.88 N	0.78 W	1.88
700.00	0.31	308.45	699.99	2.33 N	0.66 W	2.33
800.00	0.22	96.80	799.99	2.47 N	0.67 W	2.47
900.00	0.42	52.89	899.99	2.67 N	0.18 W	2.67
1000.00	0.18	143.38	999.99	2.77 N	0.20 E	2.77
1100.00	0.57	350.76	1099.99	3.13 N	0.22 E	3.13
1200.00	0.30	333.59	1199.98	3.85 N	0.02 E	3.85
1300.00	0.45	73.94	1299.98	4.20 N	0.29 E	4.20
1400.00	0.68	72.52	1399.98	4.48 N	1.23 E	4.48
1500.00	0.64	14.61	1499.97	5.20 N	1.94 E	5.20
1600.00	0.56	78.92	1599.97	5.83 N	2.56 E	5.83
1700.00	0.37	61.56	1699.96	6.08 N	3.32 E	6.08
1800.00	0.38	25.23	1799.96	6.53 N	3.74 E	6.53
1900.00	0.46	41.89	1899.96	7.13 N	4.15 E	7.13
2000.00	0.87	31.09	1999.95	8.07 N	4.81 E	8.07
2100.00	1.42	57.38	2099.93	9.39 N	6.24 E	9.39
2200.00	1.69	64.25	2199.90	10.70 N	8.61 E	10.70
2300.00	1.93	60.09	2299.84	12.18 N	11.41 E	12.18
2400.00	2.41	62.65	2399.77	13.99 N	14.73 E	13.99

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from wellhead.
Vertical section is from wellhead on azimuth 0.00 degrees.
Declination is 0.00 degrees, Convergence is -0.82 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ