

MARATHON OIL COMPANY
J. M. DENTON NO. 4, slot #1
DENTON, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 6
Your ref :
Last revised : 12-Mar-95

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
11310.00	61.50	157.70	11296.04	10.26 S	91.68 E	61.03
11315.00	64.50	153.80	11298.31	14.32 S	93.51 E	91.80
11320.00	69.30	150.70	11300.28	18.39 S	95.65 E	111.65
11326.00	72.20	146.80	11302.25	23.23 S	98.59 E	78.11
11331.00	73.50	145.00	11303.73	27.19 S	101.27 E	43.12
11336.00	75.70	141.80	11305.06	31.06 S	104.14 E	75.78
11338.00	76.34	141.04	11305.54	32.57 S	105.36 E	48.88
11341.00	77.30	139.90	11306.22	34.83 S	107.22 E	48.88
11346.00	78.50	139.30	11307.27	38.55 S	110.38 E	26.71
11351.00	79.00	139.20	11308.25	42.26 S	113.58 E	10.19
11356.00	79.50	139.80	11309.18	46.00 S	116.77 E	15.46
11361.00	79.80	139.90	11310.08	49.76 S	119.95 E	6.31
11366.00	80.40	140.20	11310.94	53.54 S	123.11 E	13.38
11371.00	81.00	140.00	11311.75	57.32 S	126.27 E	12.63
11376.00	81.60	139.50	11312.50	61.09 S	129.47 E	15.55
11381.00	82.10	138.90	11313.21	64.84 S	132.70 E	15.53
11386.00	82.60	138.90	11313.88	68.57 S	135.96 E	10.00
11391.00	82.90	138.60	11314.51	72.30 S	139.23 E	8.45
11396.00	83.30	138.40	11315.11	76.02 S	142.52 E	8.93
11401.00	83.60	137.50	11315.68	79.71 S	145.84 E	18.86
11406.00	83.90	136.80	11316.22	83.35 S	149.23 E	15.16
11411.00	84.10	136.20	11316.75	86.96 S	152.65 E	12.59
11416.00	84.20	135.80	11317.26	90.54 S	156.10 E	8.20
11421.00	84.50	134.90	11317.75	94.08 S	159.60 E	18.89
11426.00	84.80	133.60	11318.21	97.55 S	163.17 E	26.57

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from wellhead.
Vertical section is from S 0.00 W 0.00 on azimuth 110.00 degrees.
Declination is 0.00 degrees, Convergence is -3.24 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

END OF CURVE