

MARATHON OIL COMPANY
Indian Hills Unit No.22,slot #1
Indian Basin,EDDY COUNTY, NM.

SURVEY LISTING Page 5
Your ref : Gyro/MWD/SLB Log
Last revised : 11-Jul-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Depth	R C O O	E T A N G U L A R	D I N A T E S	Dogleg Deg/100ft	Vert Sect
8600.00	12.94	55.41	8455.89	827.82	N	797.17	E 0.27	1149.10
8650.00	12.97	55.49	8504.62	834.17	N	806.41	E 0.07	1160.04
8700.00	12.64	54.32	8553.38	840.54	N	815.47	E 0.84	1170.88
8716.00	12.52	54.20	8568.99	842.58	N	818.30	E 0.74	1174.30
8745.00	12.52	54.20	8597.30	846.26	N	823.40	E 0.01	1180.47

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1180.74 on azimuth 44.22 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 42.99 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ