

OXY USA INC.
Big Red State No.1, slot #1
, Eddy County New Mexico

SURVEY LISTING Page 1
Your ref : MWD
Last revised : 27-Oct-1999

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	0.00
100.00	0.48	233.65	100.00	0.25 S	0.48	-0.15
200.00	0.28	246.89	200.00	0.60 S	0.22	-0.35
300.00	0.62	192.47	299.99	1.22 S	0.51	-0.86
400.00	0.37	219.60	399.99	2.00 S	0.34	-1.53
500.00	0.56	216.93	499.99	2.63 S	0.19	-2.02
600.00	0.73	215.00	599.98	3.54 S	0.17	-2.73
700.00	0.72	220.88	699.97	4.54 S	0.07	-3.50
800.00	0.63	229.89	799.97	5.37 S	0.14	-4.09
900.00	0.73	209.15	899.96	6.27 S	0.26	-4.78
1000.00	1.37	203.37	999.94	7.93 S	0.65	-6.18
1100.00	1.93	210.58	1099.90	10.48 S	0.60	-8.31
1200.00	2.00	221.28	1199.84	13.25 S	0.37	-10.47
1300.00	1.92	224.75	1299.78	15.75 S	0.15	-12.30
1400.00	1.98	229.85	1399.72	18.05 S	0.18	-13.89
1500.00	2.02	234.37	1499.66	20.19 S	0.16	-15.26
1600.00	2.04	237.55	1599.60	22.17 S	0.11	-16.43
1700.00	1.94	238.43	1699.54	24.01 S	0.11	-17.46
1800.00	1.97	240.32	1799.48	25.74 S	0.07	-18.39
1900.00	2.00	243.21	1899.42	27.38 S	0.10	-19.20
2000.00	2.08	244.21	1999.36	28.96 S	0.09	-19.91
2100.00	1.92	244.75	2099.30	30.46 S	0.16	-20.56
2200.00	1.97	244.04	2199.24	31.93 S	0.05	-21.20
2300.00	1.83	250.53	2299.19	33.22 S	0.26	-21.67
2400.00	1.74	245.29	2399.14	34.38 S	0.19	-22.06

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 234.59 on azimuth 347.51 degrees from wellhead.

Vertical section is from N 0.00 W 0.00 on azimuth 345.26 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ