

OXY USA INC.
Panther Federal No. 1, slot #1
, EDDY CO., NEW MEXICO

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
9105.00	6.40	216.20	9094.28	252.56 N . 7.20 E	4.82	-204.11
9186.00	6.80	211.40	9174.74	244.83 N 2.03 E	0.84	-194.83
9218.00	6.90	211.20	9206.51	241.57 N 0.05 E	0.32	-191.04
9250.00	6.80	210.90	9238.28	238.30 N 1.92 W	0.33	-187.24
9282.00	6.80	210.60	9270.06	235.04 N 3.85 W	0.11	-183.48
9314.00	6.40	209.90	9301.85	231.86 N 5.71 W	1.28	-179.84
9347.00	5.90	209.90	9334.66	228.80 N 7.47 W	1.52	-176.34
9379.00	5.80	210.40	9366.49	225.98 N 9.11 W	0.35	-173.10
9411.00	5.70	210.50	9398.33	223.21 N 10.73 W	0.31	-169.92
9444.00	5.80	210.90	9431.16	220.37 N 12.42 W	0.33	-166.64
9476.00	5.50	211.10	9463.01	217.67 N 14.04 W	0.94	-163.51
9506.00	5.80	215.60	9492.86	215.21 N 15.67 W	1.78	-160.57
9540.00	6.00	217.40	9526.68	212.40 N 17.75 W	0.80	-157.08
9642.00	6.50	216.00	9628.08	203.49 N 24.38 W	0.51	-145.97
9707.00	6.50	220.00	9692.66	197.70 N 28.91 W	0.70	-138.62
9835.00	5.50	216.00	9819.96	187.18 N 37.17 W	0.85	-125.25
9892.00	5.00	210.60	9876.72	182.84 N 40.04 W	1.23	-120.05
9952.00	4.75	214.40	9936.50	178.54 N 42.77 W	0.68	-114.98
10077.00	5.75	209.40	10060.97	168.81 N 48.77 W	0.88	-103.62
10199.00	4.75	207.40	10182.46	159.00 N 54.10 W	0.83	-92.60
10272.00	5.00	217.00	10255.20	153.78 N 57.40 W	1.17	-86.45
10401.00	3.75	211.00	10383.82	145.67 N 62.96 W	1.03	-76.64
10594.00	3.00	224.00	10576.49	136.63 N 69.72 W	0.55	-65.35
10755.00	2.75	211.00	10737.29	130.29 N 74.63 W	0.43	-57.32
10919.00	2.00	199.40	10901.14	124.22 N 77.61 W	0.54	-50.70

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 117.25 on azimuth 317.69 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 217.75 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ