

A Gyrodata Directional Survey

POGO PRODUCERS
 Well: W.B. FEDERAL NO.5
 Location: TMBR/SHARP #23, EDDY COUNTY, NEW MEXICO
 Job Number: MD0101GMW106

MEASURED DEPTH feet	I N C L deg.	A Z I M U T H deg.	B O R E H O L E B E A R I N G deg. min.	D O G L E G S E V E R I T Y deg./ 100 ft.	V E R T I C A L D E P T H feet	C L O S U R E D I S T . A Z I M U T H feet deg.	H O R I Z O N T A L C O O R D I N A T E S feet
9300.0	2.38	200.34	S 20 20 W	0.98	9296.9	97.6 66.2	39.39 N 89.35 E
9400.0	2.80	223.98	S 43 59 W	1.14	9396.8	94.0 67.7	35.68 N 86.93 E
9500.0	2.72	226.41	S 46 24 W	0.14	9496.7	89.5 68.9	32.28 N 83.51 E
9600.0	2.65	228.83	S 48 50 W	0.14	9596.6	85.2 70.0	29.12 N 80.05 E
9700.0	2.40	227.56	S 47 33 W	0.25	9696.5	81.1 71.2	26.19 N 76.77 E
9800.0	2.15	226.28	S 46 17 W	0.25	9796.4	77.5 72.4	23.48 N 73.87 E
9900.0	2.22	232.49	S 52 29 W	0.25	9896.3	74.0 73.5	21.00 N 70.97 E
10000.0	2.30	238.70	S 58 42 W	0.26	9996.3	70.3 74.5	18.78 N 67.72 E
10100.0	2.26	239.94	S 59 56 W	0.06	10096.2	66.4 75.4	16.75 N 64.30 E
10200.0	2.22	241.18	S 61 11 W	0.06	10196.1	62.7 76.3	14.83 N 60.90 E
10300.0	2.32	234.94	S 54 56 W	0.27	10296.0	58.9 77.5	12.74 N 57.55 E
10400.0	2.41	228.69	S 48 41 W	0.28	10395.9	55.3 79.4	10.19 N 54.31 E
10500.0	2.01	220.23	S 40 14 W	0.52	10495.9	52.1 81.8	7.46 N 51.60 E
10600.0	1.60	211.77	S 31 46 W	0.48	10595.8	50.0 84.3	4.93 N 49.73 E
10700.0	1.41	180.52	S 0 31 W	0.83	10695.8	49.0 87.1	2.51 N 48.98 E
10800.0	1.22	149.28	S 30 43 E	0.73	10795.8	49.5 89.6	0.36 N 49.52 E
10900.0	1.33	171.12	S 8 53 E	0.50	10895.7	50.3 91.9	1.70 S 50.24 E
11000.0	1.44	192.95	S 12 57 W	0.54	10995.7	50.3 94.6	4.07 S 50.14 E
11100.0	1.40	205.04	S 25 3 W	0.30	11095.7	49.8 97.4	6.40 S 49.34 E
11200.0	1.36	217.13	S 37 8 W	0.29	11195.6	48.8 100.0	8.45 S 48.11 E
11300.0	1.35	207.98	S 27 59 W	0.22	11295.6	48.0 102.6	10.43 S 46.84 E
11400.0	1.34	198.83	S 18 50 W	0.21	11395.6	47.6 105.3	12.58 S 45.91 E
11500.0	1.47	198.01	S 18 0 W	0.13	11495.6	47.5 108.3	14.90 S 45.14 E
11600.0	1.59	197.18	S 17 11 W	0.13	11595.5	47.6 111.5	17.45 S 44.33 E