

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 C 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
6900.0	0.58	153.92	S 26 5 E	0.08	6897.2	114.7 50.2	73.46 N 88.07 E
7000.0	0.64	160.29	S 19 43 E	0.09	6997.2	114.4 50.7	72.48 N 88.48 E
7100.0	0.70	182.01	S 2 1 W	0.26	7097.2	113.8 51.2	71.35 N 88.65 E
7200.0	0.77	203.73	S 23 44 W	0.29	7197.2	112.8 51.6	70.12 N 88.35 E
7300.0	0.59	215.69	S 35 42 W	0.23	7297.2	111.7 51.8	69.08 N 87.78 E
7400.0	0.40	227.65	S 47 39 W	0.21	7397.2	110.9 51.9	68.43 N 87.22 E
7500.0	0.57	209.21	S 29 13 W	0.23	7497.2	110.0 52.0	67.75 N 86.72 E
7600.0	0.74	190.77	S 10 46 W	0.27	7597.2	109.1 52.3	66.68 N 86.35 E
7700.0	0.55	183.89	S 3 54 W	0.20	7697.2	108.3 52.7	65.56 N 86.20 E
7800.0	0.37	177.02	S 2 59 E	0.20	7797.2	107.8 53.1	64.76 N 86.18 E
7900.0	0.59	173.70	S 6 18 E	0.23	7897.2	107.4 53.5	63.93 N 86.26 E
8000.0	0.82	170.38	S 9 37 E	0.23	7997.2	106.8 54.0	62.71 N 86.43 E
8100.0	0.83	172.54	S 7 27 E	0.04	8097.2	106.1 54.7	61.29 N 86.64 E
8200.0	0.85	174.70	S 5 18 E	0.04	8197.2	105.4 55.4	59.83 N 86.81 E
8300.0	0.72	177.26	S 2 45 E	0.14	8297.2	104.7 56.1	58.45 N 86.91 E
8400.0	0.59	179.81	S 0 12 E	0.14	8397.1	104.1 56.6	57.31 N 86.94 E
8500.0	0.60	165.65	S 14 21 E	0.15	8497.1	103.7 57.1	56.29 N 87.07 E
8600.0	0.60	151.49	S 28 31 E	0.15	8597.1	103.5 57.7	55.32 N 87.45 E
8700.0	0.70	161.47	S 18 32 E	0.15	8697.1	103.3 58.3	54.28 N 87.90 E
8800.0	0.80	171.45	S 8 33 E	0.17	8797.1	102.9 59.0	53.00 N 88.19 E
8900.0	1.16	168.27	S 11 44 E	0.36	8897.1	102.3 59.9	51.32 N 88.51 E
9000.0	1.52	165.09	S 14 55 E	0.36	8997.1	101.7 61.2	49.04 N 89.05 E
9100.0	1.74	170.89	S 9 7 E	0.28	9097.0	100.9 62.7	46.26 N 89.63 E
9200.0	1.96	176.70	S 3 18 E	0.29	9197.0	99.7 64.4	43.05 N 89.97 E