

Louis Dreyfus Natural Gas

Well: LOCO HILLS 4 FED COM 4

Location: PATTERSON #55, EDDY COUNTY, NEW MEXICO

Job Number: MD0500STW161

MEASURED DEPTH feet	IN C/L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
5920.0	10.60	347.60	N 0 0 E	0.04	5915.5	135.6 307.8	83.10 N 107.20W
5971 - 7870 FT. MAGNETIC MULTISHOT SURVEY							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON #55 R.K.B.							
TIE-IN DATA PROVIDED PER OPERATOR							
5971.0	9.70	338.50	N 21 30 W	3.60	5965.7	143.0 309.9	91.68 N 109.78W
6001.0	8.70	337.30	N 22 42 W	3.39	5995.3	147.3 310.7	96.12 N 111.58W
6033.0	7.20	340.20	N 19 48 W	4.85	6027.0	151.2 311.5	100.24 N 113.20W
6095.0	6.30	341.90	N 18 6 W	1.49	6088.6	157.6 312.8	107.13 N 115.57W
6127.0	6.30	340.70	N 19 18 W	0.41	6120.4	160.7 313.4	110.46 N 116.70W
6158.0	6.20	344.50	N 15 30 W	1.37	6151.2	163.6 314.0	113.68 N 117.71W
6188.0	5.80	346.70	N 13 18 W	1.54	6181.0	166.3 314.6	116.71 N 118.49W
6219.0	4.70	348.20	N 11 48 W	3.58	6211.9	168.7 315.1	119.48 N 119.11W
6251.0	3.60	347.40	N 12 36 W	3.44	6243.8	170.7 315.5	121.75 N 119.59W
6282.0	3.20	349.30	N 10 42 W	1.34	6274.8	172.2 315.8	123.55 N 119.97W
6313.0	2.80	354.20	N 5 48 W	1.53	6305.7	173.5 316.2	125.15 N 120.20W
6346.0	2.40	2.60	N 2 36 E	1.67	6338.7	174.6 316.5	126.64 N 120.25W
6377.0	2.20	9.60	N 9 36 E	1.11	6369.7	175.4 316.8	127.88 N 120.13W
6409.0	1.70	19.20	N 19 12 E	1.86	6401.6	176.0 317.1	128.93 N 119.87W
6440.0	1.60	20.20	N 20 12 E	0.34	6432.6	176.5 317.3	129.77 N 119.57W
6470.0	1.40	42.50	N 42 30 E	2.04	6462.6	176.7 317.6	130.43 N 119.17W
6502.0	1.50	77.10	N 77 6 E	2.71	6494.6	176.5 317.8	130.82 N 118.50W
6533.0	1.90	95.30	S 84 42 E	2.15	6525.6	175.9 318.1	130.86 N 117.60W
6565.0	2.60	111.90	S 68 6 E	2.97	6557.6	174.9 318.3	130.54 N 116.39W
6597.0	3.00	118.20	S 61 48 E	1.58	6589.5	173.5 318.5	129.87 N 114.98W
6629.0	3.30	114.70	S 65 18 E	1.11	6621.5	171.8 318.7	129.09 N 113.41W
6659.0	3.10	121.20	S 58 48 E	1.38	6651.4	170.3 318.9	128.31 N 111.93W