

A Gyrodata Directional Survey

DEVON ENERGY

Well: PECOS "32L" FEB GAS COM NO. 2, 3-1/2" DRILLPIPE

Location: PATTERSON #5, EDDY COUNTY, NEW MEXICO

Job Number: MD0200GMO125

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg/ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.0	0.00	0.00	0.0	0.00	0.0	0.0 0.0	0.00 N 0.00 E
0 - 3585 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 3-1/2" DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON #5 R.K.B.							
100.0	0.50	108.36	0.3	0.50	100.0	0.4 108.4	0.14 S 0.42 E
200.0	0.53	93.86	1.0	0.13	200.0	1.3 103.4	0.31 S 1.30 E
300.0	0.61	99.71	1.6	0.10	300.0	2.3 100.6	0.43 S 2.28 E
400.0	0.41	99.08	2.2	0.20	400.0	3.2 100.3	0.58 S 3.16 E
500.0	0.38	89.97	2.6	0.07	500.0	3.9 99.3	0.63 S 3.85 E
600.0	0.26	135.33	3.0	0.27	600.0	4.4 100.4	0.79 S 4.33 E
700.0	0.15	75.34	3.3	0.23	700.0	4.7 101.3	0.92 S 4.62 E
800.0	0.17	103.30	3.5	0.08	800.0	5.0 100.7	0.92 S 4.90 E
900.0	0.12	175.17	3.6	0.17	900.0	5.2 101.8	1.06 S 5.05 E
1000.0	0.10	271.25	3.7	0.16	1000.0	5.1 103.1	1.16 S 4.97 E
1100.0	0.35	331.23	3.3	0.31	1100.0	4.8 100.7	0.89 S 4.73 E
1200.0	0.65	334.63	2.5	0.30	1200.0	4.3 91.4	0.11 S 4.34 E
1300.0	0.79	336.55	1.2	0.14	1300.0	4.0 74.8	1.04 N 3.82 E
1400.0	0.96	342.31	-0.3	0.19	1400.0	4.1 53.1	2.48 N 3.29 E
1500.0	0.95	330.81	-1.9	0.19	1499.9	4.8 33.4	4.00 N 2.63 E
1600.0	0.76	327.44	-3.4	0.20	1599.9	5.6 19.5	5.28 N 1.87 E
1700.0	0.82	341.73	-4.7	0.21	1699.9	6.6 11.2	6.51 N 1.29 E
1800.0	1.01	340.96	-6.3	0.20	1799.9	8.1 5.5	8.03 N 0.78 E
1900.0	0.89	333.05	-7.9	0.18	1899.9	9.6 0.8	9.56 N 0.14 E
2000.0	0.78	319.62	-9.4	0.23	1999.9	10.8 356.5	10.77 N 0.66 W