

A Gyrodata Directional Survey

EASTLAND OIL CO.
Well: PJ A STATE NO. 21, 2-3/8" TUBING
Location: LR WELL SERVICES MASS UNIT, EDDY COUNTY, NEW MEXICO
Job Number: MD0700GBM200

MEASURED DEPTH	INCL	AZIMUTH	BORE HOLE BEARING	DOGLEG SEVERITY	VERTICAL DEPTH	CLOSURE DIST. AZIMUTH	HORIZONTAL COORDINATES
feet	deg.	deg.	deg. min.	deg./ 100 ft.	feet	feet deg.	feet
0.0	0.00	0.00	N 0 0 E	0.00	0.0	0.0 0.0	0.00 N 0.00 E

0 - 2320 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 2-3/8" TUBING
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO WELL HEAD LOCATION

200.0	1.82	204.68	S 24 41 W	0.91	200.0	3.2 204.7	2.88 S 1.32 W
400.0	0.69	160.72	S 19 17 E	0.70	399.9	7.3 198.0	6.90 S 2.24 W
600.0	0.42	91.22	S 88 47 E	0.34	599.9	8.1 187.8	8.06 S 1.11 W
800.0	0.48	93.64	S 86 22 E	0.03	799.9	8.1 176.7	8.13 S 0.47 E
1000.0	2.23	87.86	N 87 52 E	0.88	999.8	9.6 147.1	8.04 S 5.20 E
1200.0	3.42	87.93	N 87 56 E	0.60	1199.6	16.9 117.0	7.68 S 15.05 E
1400.0	2.28	78.55	N 78 33 E	0.61	1399.3	25.8 105.0	6.67 S 24.91 E
1600.0	1.23	59.10	N 59 6 E	0.60	1599.2	31.0 98.9	4.78 S 30.66 E
1800.0	0.78	344.62	N 15 23 W	0.63	1799.2	32.2 94.2	2.37 S 32.14 E
2000.0	0.74	19.64	N 19 39 E	0.23	1999.2	32.2 89.7	0.16 N 32.22 E
2200.0	0.53	320.70	N 39 18 W	0.33	2199.2	32.1 86.2	2.10 N 32.06 E
2320.0	0.26	271.00	N 89 0 W	0.35	2319.2	31.5 85.4	2.54 N 31.44 E

Final Station Closure: Distance: 31.54 ft Az: 85.38 deg.