

A Gyrodip Directional Survey

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E.O.G. RESOURCES

WELL: JAMES RANCH UNIT #27

Location: MCVAY #7/EDDY COUNTY, NEW MEXICO

Job Number: M0700GDM195

MEASURED I N C L DEPTH feet	A Z I M U T H deg.	V E R T I C A L DEPTH feet	H O R I Z O N T A L C O O R D I N A T E S feet	V E R T I C A L SECTION feet	D O G L E G S E V E R I T Y deg. / 100 ft.
0.0	0.00	0.00	0.0	0.00 N	0.00 E

RATE GYROSCOPIC DROP MULTISHOT RUN INSIDE DRILLPIPE 0-3,720 FEET
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO MCVAY #7 R.K.B.

93.0	.63	299.43	93.0	.25 N	.44 W	.68
106.0	.68	304.31	106.0	.81 N	1.3	.08
279.0	1.10	306.76	279.0	1.66 N	2.5	.46
372.0	1.49	294.04	372.0	2.69 N	4.34 W	.52
465.0	1.85	279.04	464.9	3.42 N	6.93 W	.61
558.0	1.91	270.05	557.9	3.65 N	9.96 W	.32
651.0	1.84	264.99	650.8	3.52 N	13.00 W	.19
744.0	1.63	280.32	743.8	3.63 N	15.79 W	.55
837.0	1.80	264.11	836.7	3.72 N	18.54 W	.55
930.0	1.71	262.25	929.7	3.38 N	21.37 W	.11
1023.0	1.65	261.06	1022.7	2.98 N	24.07 W	.08
1116.0	1.53	262.93	1115.6	2.62 N	26.62 W	.15
1209.0	1.45	260.50	1208.6	2.28 N	29.01 W	.10
1302.0	1.32	256.55	1301.6	1.83 N	31.22 W	.18
1395.0	1.13	262.04	1394.5	1.46 N	33.16 W	.24
1488.0	.90	261.53	1487.5	1.22 N	34.79 W	.24
1581.0	.87	255.62	1580.5	.94 N	36.20 W	.11
1674.0	.77	246.73	1673.5	.52 N	37.45 W	.17
1767.0	.71	252.12	1766.5	.10 N	38.57 W	.10
1860.0	.65	241.36	1859.5	.33 S	39.58 W	.15
1953.0	.57	231.53	1952.5	.87 S	40.41 W	.14
2046.0	.44	225.95	2045.5	1.41 S	41.03 W	.15
2139.0	.31	213.05	2138.5	1.87 S	41.43 W	.17
2232.0	.16	211.50	2231.5	2.19 S	41.63 W	.16
2325.0	.12	204.00	2324.5	2.39 S	41.74 W	.05
2418.0	.07	256.71	2417.5	2.49 S	41.83 W	.10
2511.0	.04	64.34	2510.5	2.49 S	41.86 W	.12
2604.0	.11	7.33	2603.5	2.39 S	41.82 W	.10
2697.0	.02	44.21	2696.5	2.29 S	41.80 W	.09
2790.0	.10	158.65	2789.5	2.35 S	41.75 W	.12
2883.0	.19	149.56	2882.5	2.56 S	41.64 W	.10
2976.0	.20	133.56	2975.5	2.81 S	41.45 W	.06
3069.0	.54	113.70	3068.5	3.10 S	40.93 W	.39
3162.0	1.26	115.05	3161.5	3.71 S	39.59 W	.78
3255.0	1.65	119.10	3254.4	4.79 S	37.49 W	.42
3348.0	1.66	119.78	3347.4	6.11 S	35.16 W	.03
3441.0	2.07	116.34	3440.3	7.78 S	32.54 W	.50