

A Gyrodata Directional Survey

Yates Petroleum

Well: WALT CANYON AMA NO. 2-H

Location: UTI #165, EDDY COUNTY, NEW MEXICO

Job Number: MD1000GME259

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BOREHOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES 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 - 8000 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE CASING
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO UTI #165 R.K.B.

200.0	0.29	162.28	S 17 43 E	0.15	200.0	0.5 162.3	0.48 S 0.15 E
400.0	0.29	165.05	S 14 57 E	0.01	400.0	1.5 163.2	1.45 S 0.44 E
600.0	0.48	273.81	N 86 11 W	0.32	600.0	1.9 188.1	1.88 S 0.27 W
800.0	1.21	295.79	N 64 13 W	0.39	800.0	3.1 253.2	0.90 S 3.00 W
1000.0	1.72	306.69	N 53 19 W	0.29	999.9	7.5 283.9	1.80 N 7.31 W
1200.0	1.88	309.22	N 50 47 W	0.09	1199.8	13.5 294.8	5.67 N 12.26 W
1400.0	1.47	263.30	S 83 18 W	0.68	1399.7	18.9 293.2	7.45 N 17.35 W
1600.0	1.95	259.12	S 79 7 W	0.25	1599.6	24.1 285.6	6.51 N 23.24 W
1800.0	2.51	274.20	N 85 48 W	0.40	1799.5	31.6 281.3	6.18 N 30.95 W
2000.0	2.69	276.06	N 83 56 W	0.10	1999.3	40.6 279.9	7.00 N 39.99 W
2200.0	2.70	275.51	N 84 30 W	0.01	2199.1	50.0 279.2	7.95 N 49.35 W
2400.0	2.57	276.42	N 83 35 W	0.07	2398.9	59.2 278.7	8.90 N 58.49 W
2600.0	2.64	274.91	N 85 5 W	0.05	2598.6	68.2 278.3	9.80 N 67.53 W
2800.0	2.83	273.62	N 86 23 W	0.10	2798.4	77.8 277.8	10.50 N 77.04 W
3000.0	2.84	273.00	N 87 0 W	0.02	2998.2	87.6 277.3	11.07 N 86.92 W
3200.0	2.76	272.72	N 87 17 W	0.04	3197.9	97.4 276.8	11.56 N 96.68 W
3400.0	2.77	272.04	N 87 58 W	0.02	3397.7	107.0 276.4	11.96 N 106.31 W
3600.0	2.78	271.50	N 88 30 W	0.01	3597.5	116.6 276.0	12.26 N 115.98 W
3800.0	2.96	267.82	S 87 49 W	0.13	3797.2	126.6 275.5	12.19 N 125.99 W
4000.0	2.97	266.59	S 86 35 W	0.03	3996.9	136.8 274.9	11.69 N 136.32 W