

A Gyrodata Directional Survey

Yates Petroleum
Well: VADA AVJ STATE NO. 1, 3-1/2" DIRECTIONAL
Location: PATTERSON #56, LEA COUNTY, NEW MEXICO
Job Number: M1100GMO283

MEASURED DEPTH feet	I N C L deg.	A Z I M U T H deg.	B O R E H O L E B E A R I N G deg. min.	D O G L E G S E V E R I T Y deg./ 100 ft.	V E R T I C A L D E P T H feet	C L O S U R E D I S T. A Z I M U T H feet deg.	H O R I Z O N T A L C O O R D I N A T E S 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 - 11100 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 3-1/2" DRILLPIPE ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON #56 R.K.B.							
200.0	0.30	315.51	N 44 29 W	0.15	200.0	0.5 315.5	0.37 N 0.37 W
400.0	0.72	297.10	N 62 54 W	0.22	400.0	2.3 305.5	1.84 W 1.31 N
600.0	0.84	298.77	N 61 14 W	0.07	600.0	5.0 301.4	4.25 W 2.59 N
800.0	0.92	311.54	N 48 28 W	0.11	799.9	8.0 302.9	6.74 W 4.37 N
1000.0	0.89	319.75	N 40 15 W	0.07	999.9	11.1 306.5	8.96 W 6.63 N
1200.0	0.76	326.10	N 33 54 W	0.08	1199.9	13.9 309.8	10.70 W 8.91 N
1400.0	0.73	326.54	N 33 28 W	0.01	1399.9	16.4 312.4	12.14 W 11.07 N
1600.0	0.70	330.02	N 29 59 W	0.03	1599.9	18.8 314.4	13.45 W 13.19 N
1800.0	0.73	326.35	N 33 39 W	0.03	1799.9	21.3 316.0	14.76 W 15.30 N
2000.0	0.72	310.76	N 49 14 W	0.10	1999.8	23.8 316.3	16.42 W 17.17 N
2200.0	0.60	302.87	N 57 8 W	0.08	2199.8	26.0 315.5	18.25 W 18.56 N
2400.0	0.81	302.56	N 57 26 W	0.11	2399.8	28.4 314.4	20.32 W 19.89 N
2600.0	1.32	327.42	N 32 35 W	0.34	2599.8	32.1 314.8	22.76 W 22.60 N
2800.0	1.73	348.94	N 11 3 W	0.35	2799.7	36.9 318.2	24.57 W 27.50 N
3000.0	1.50	343.62	N 16 23 W	0.14	2999.6	41.9 321.9	25.89 W 32.97 N
3200.0	1.52	341.68	N 18 19 W	0.03	3199.6	46.9 324.1	27.47 W 38.01 N
3400.0	0.88	4.52	N 4 31 E	0.39	3399.5	50.6 326.2	28.18 W 42.06 N
3600.0	0.54	336.27	N 23 44 W	0.24	3599.5	52.8 327.4	28.44 W 44.45 N
3800.0	0.60	331.42	N 28 35 W	0.04	3799.5	54.7 327.6	29.32 W 46.24 N
4000.0	0.83	321.87	N 38 8 W	0.13	3999.5	57.2 327.5	30.72 W 48.30 N