

A Gyrodata Directional Survey

Yates Petroleum
Well: VADA AVJ STATE NO. 1, 3-1/2" DIRLLPIPE
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
9000.0	0.60	20.88	N 20 53 E	0.23	8998.8	128.4 320.6	99.19 N 81.52 W
9200.0	0.63	31.46	N 31 28 E	0.06	9198.8	129.3 321.4	101.10 N 80.58 W
9400.0	0.72	28.58	N 28 35 E	0.05	9398.8	130.2 322.4	103.13 N 79.41 W
9600.0	0.86	26.56	N 26 34 E	0.07	9598.8	131.3 323.5	105.57 N 78.14 W
9800.0	1.19	31.29	N 31 17 E	0.17	9798.7	132.9 324.9	108.70 N 76.38 W
10000.0	1.64	14.38	N 14 23 E	0.30	9998.7	135.6 326.6	113.25 N 74.59 W
10100.0	1.56	12.09	N 12 6 E	0.10	10098.6	137.5 327.5	115.96 N 73.95 W
10200.0	1.46	7.51	N 7 31 E	0.16	10198.6	139.5 328.2	118.55 N 73.50 W
10300.0	1.44	9.11	N 9 7 E	0.05	10298.6	141.4 328.9	121.05 N 73.14 W
10400.0	1.24	15.20	N 15 12 E	0.24	10398.5	143.1 329.5	123.33 N 72.65 W
10500.0	1.39	13.63	N 13 38 E	0.15	10498.5	144.8 330.1	125.55 N 72.08 W
10600.0	1.31	15.02	N 15 1 E	0.09	10598.5	146.5 330.8	127.83 N 71.50 W
10700.0	1.36	13.58	N 13 35 E	0.06	10698.4	148.2 331.4	130.09 N 70.93 W
10800.0	1.39	19.03	N 19 2 E	0.13	10798.4	149.9 332.0	132.39 N 70.26 W
10900.0	1.56	12.25	N 12 15 E	0.24	10898.4	151.7 332.7	134.86 N 69.57 W
11000.0	1.73	13.42	N 13 25 E	0.17	10998.3	154.0 333.4	137.66 N 68.93 W
11100.0	1.58	17.28	N 17 17 E	0.18	11098.3	156.1 334.1	140.44 N 68.17 W

Final Station Closure: Distance: 156.11 ft Az: 334.11 deg.