

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.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4200.0	1.12	306.91	N 53 6 W	0.19	4199.4	60.5 326.8	50.61 N 33.17 W
4400.0	1.01	304.46	N 55 33 W	0.06	4399.4	64.0 325.6	52.78 N 36.19 W
4600.0	0.74	296.15	N 63 51 W	0.15	4599.4	66.8 324.5	54.35 N 38.80 W
4800.0	0.47	275.88	N 84 7 W	0.17	4799.4	68.5 323.4	55.01 N 40.79 W
5000.0	0.79	278.76	N 81 15 W	0.16	4999.4	70.0 322.1	55.30 N 42.98 W
5200.0	0.96	282.42	N 77 35 W	0.09	5199.3	72.4 320.5	55.87 N 45.98 W
5400.0	1.17	295.75	N 64 15 W	0.16	5399.3	75.6 319.1	57.12 N 49.46 W
5600.0	1.09	312.69	N 47 19 W	0.17	5599.3	79.3 318.4	59.30 N 52.70 W
5800.0	1.28	312.34	N 47 39 W	0.10	5799.2	83.5 318.1	62.10 N 55.75 W
6000.0	1.44	321.05	N 38 57 W	0.13	5999.2	88.2 318.0	65.57 N 58.99 W
6200.0	1.60	320.85	N 39 9 W	0.08	6199.1	93.5 318.2	69.69 N 62.33 W
6400.0	1.54	316.81	N 43 11 W	0.06	6399.0	99.0 318.2	73.81 N 65.93 W
6600.0	0.84	310.75	N 49 15 W	0.35	6599.0	103.1 318.1	76.73 N 68.89 W
6800.0	0.59	300.66	N 59 20 W	0.14	6799.0	105.6 317.8	78.21 N 70.89 W
7000.0	0.68	295.02	N 64 59 W	0.06	6998.9	107.7 317.4	79.25 N 72.86 W
7200.0	0.61	294.11	N 65 53 W	0.04	7198.9	109.7 316.9	80.19 N 74.92 W
7400.0	0.64	295.77	N 64 14 W	0.02	7398.9	111.8 316.5	81.11 N 76.90 W
7600.0	0.59	309.11	N 50 53 W	0.08	7598.9	113.8 316.3	82.25 N 78.71 W
7800.0	0.53	323.84	N 36 10 W	0.08	7798.9	115.8 316.3	83.64 N 80.05 W
8000.0	0.62	357.55	N 2 27 W	0.17	7998.9	117.5 316.7	85.46 N 80.64 W
8200.0	0.90	3.50	N 3 30 E	0.14	8198.9	119.4 317.6	88.11 N 80.59 W
8400.0	0.84	354.67	N 5 20 W	0.07	8398.9	121.7 318.5	91.13 N 80.63 W
8600.0	0.89	352.15	N 7 51 W	0.03	8598.8	124.2 319.3	94.12 N 80.98 W
8800.0	0.76	344.67	N 15 20 W	0.08	8798.8	126.7 319.9	96.93 N 81.54 W