

PENNZOIL COMPANY
STATE 16 #4
LEA COUNTY, NEW MEXICO

Measured Depth Feet	Incl. Angle Degs.	Hole Direction Degs.	True Verticle Depth Feet	R e c t a n g u l a r C o o r d i n a t e s			Dog-Leg Severity DG/100 Ft
				N/S	feet	E/W	
6822.00	1.00	S 29.00 W	6821.32	18.32 S	12.92 W		0.59
6915.00	1.00	S 36.00 W	6914.31	19.69 S	13.80 W		0.13
7008.00	1.10	S 61.00 W	7007.29	20.81 S	15.06 W		0.50
7101.00	0.90	S 73.00 W	7100.28	21.44 S	16.55 W		0.31
7194.00	1.00	S 72.00 W	7193.27	21.91 S	18.02 W		0.11
7287.00	1.40	S 77.00 W	7286.25	22.43 S	19.90 W		0.44
7380.00	1.40	S 87.00 W	7379.22	22.74 S	22.15 W		0.26
7473.00	1.20	S 87.00 W	7472.19	22.85 S	24.25 W		0.22
7566.00	1.20	S 81.00 W	7565.17	23.06 S	26.19 W		0.14
7659.00	1.40	N 84.00 W	7658.15	23.11 S	28.29 W		0.42
7753.00	1.20	N 69.00 W	7752.13	22.62 S	30.36 W		0.42
7846.00	1.20	N 84.00 W	7845.11	22.16 S	32.25 W		0.34
7939.00	1.20	N 84.00 W	7938.09	21.96 S	34.19 W		0.00
8032.00	1.30	N 77.00 W	8031.06	21.62 S	36.19 W		0.20
8125.00	1.40	N 68.00 W	8124.04	20.97 S	38.27 W		0.25
8218.00	1.20	N 58.00 W	8217.01	20.01 S	40.15 W		0.32
8311.00	1.30	N 47.00 W	8309.99	18.78 S	41.76 W		0.28
8404.00	1.00	N 53.00 W	8402.97	17.58 S	43.19 W		0.35
8497.00	1.00	N 60.00 W	8495.96	16.68 S	44.54 W		0.13
8590.00	0.80	N 68.00 W	8588.95	16.04 S	45.85 W		0.25
8683.00	1.00	N 62.00 W	8681.94	15.42 S	47.18 W		0.24
8776.00	0.90	N 77.00 W	8774.92	14.89 S	48.62 W		0.29
8870.00	0.90	N 63.00 W	8868.91	14.38 S	50.00 W		0.23
8963.00	0.90	N 58.00 W	8961.90	13.66 S	51.27 W		0.08
9056.00	1.00	N 74.00 W	9054.89	13.04 S	52.68 W		0.30
9149.00	1.00	N 81.00 W	9147.87	12.69 S	54.26 W		0.13
9242.00	1.20	N 81.00 W	9240.86	12.41 S	56.02 W		0.22
9335.00	0.80	S 83.00 W	9333.84	12.38 S	57.64 W		0.52
9428.00	1.00	S 75.00 W	9426.83	12.66 S	59.07 W		0.25
9521.00	1.30	S 77.00 W	9519.81	13.11 S	60.88 W		0.33
9614.00	1.30	S 80.00 W	9612.79	13.53 S	62.95 W		0.07
9707.00	1.10	S 53.00 W	9705.77	14.30 S	64.72 W		0.64
9800.00	1.20	S 69.00 W	9798.75	15.20 S	66.35 W		0.36
9893.00	1.20	S 64.00 W	9891.73	15.98 S	68.13 W		0.11
				16.57 S	69.92 W		0.34