

Sperry-Sun Drilling Services

Survey Report for NV ABO Unit #278 - SSDS MWD

Data Source: Actual Field Surveys



Mobil Exploration
Vacuum Field (PA/WC)

Lea County
Sec. 23-T17S-R34E

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
8300.00	1.620	103.250	8298.80	14.92 S	94.15 E	-51.91	
8384.00	20.600	212.301	8381.03	27.83 S	87.33 E	-37.75	25.216
8415.00	24.500	228.601	8409.69	36.71 S	79.59 E	-25.98	23.657
8446.00	33.800	224.401	8436.73	47.14 S	68.71 E	-10.94	30.700
8477.00	42.300	218.801	8461.13	61.46 S	56.11 E	8.13	29.570
8507.00	43.400	220.601	8483.12	77.16 S	43.08 E	28.51	5.486
8538.00	47.200	218.101	8504.93	94.20 S	29.12 E	50.52	13.530
8570.00	53.100	217.201	8525.42	113.65 S	14.13 E	75.00	18.563
8601.00	58.300	218.501	8542.89	133.85 S	1.59 W	100.53	17.128
8632.00	63.300	224.701	8558.02	154.04 S	19.56 W	127.57	23.759
8662.00	70.000	230.101	8569.91	172.64 S	39.84 W	154.95	27.773
8694.00	77.800	232.901	8578.78	191.75 S	63.89 W	185.25	25.781
8725.00	82.200	233.501	8584.16	210.04 S	88.33 W	215.19	14.321
8756.00	82.600	233.401	8588.26	228.33 S	113.01 W	245.30	1.329
8787.00	83.800	232.901	8591.93	246.79 S	137.64 W	275.50	4.189
8817.00	87.800	233.001	8594.13	264.82 S	161.52 W	304.87	13.337
8848.00	90.000	232.001	8594.72	283.68 S	186.10 W	335.35	7.795
8879.00	91.400	230.701	8594.34	303.04 S	210.31 W	365.93	6.163
8910.00	90.700	227.801	8593.77	323.27 S	233.79 W	396.67	9.622
8941.00	90.300	225.601	8593.50	344.53 S	256.35 W	427.57	7.213
8973.00	90.600	225.401	8593.25	366.96 S	279.17 W	459.51	1.127
9003.00	90.700	225.201	8592.91	388.06 S	300.50 W	489.45	0.745
9035.00	91.400	224.101	8592.33	410.82 S	322.98 W	521.41	4.074
9065.00	90.000	222.701	8591.96	432.61 S	343.59 W	551.40	6.599
9096.00	88.100	221.101	8592.47	455.68 S	364.29 W	582.39	8.012
9127.00	87.400	221.401	8593.69	478.97 S	384.71 W	613.37	2.456
9158.00	88.900	222.801	8594.69	501.96 S	405.49 W	644.35	6.617
9189.00	87.600	222.901	8595.64	524.67 S	426.56 W	675.33	4.206
9221.00	84.200	223.201	8597.92	547.99 S	448.34 W	707.24	10.666
9251.00	84.000	224.001	8601.01	569.60 S	468.92 W	737.07	2.735
9283.00	85.300	223.901	8603.99	592.54 S	491.04 W	768.91	4.074
9314.00	83.800	225.501	8606.94	614.47 S	512.74 W	799.73	7.058
9345.00	83.200	224.001	8610.45	636.35 S	534.43 W	830.50	5.183
9374.00	83.200	223.901	8613.88	657.08 S	554.41 W	859.28	0.342
9405.00	83.900	224.801	8617.36	679.10 S	575.94 W	890.05	3.663
9436.00	83.900	224.601	8620.66	701.01 S	597.63 W	920.84	0.642
9467.00	86.200	224.101	8623.33	723.10 S	619.21 W	951.70	7.591
9497.00	86.200	224.201	8625.32	744.57 S	640.06 W	981.61	0.333
9528.00	87.700	224.901	8626.97	766.63 S	661.78 W	1012.54	5.338
9558.00	89.300	226.601	8627.75	787.56 S	683.26 W	1042.46	7.789
9589.00	89.900	226.701	8627.97	808.84 S	705.80 W	1073.36	1.962
9620.00	90.700	227.901	8627.81	829.86 S	728.59 W	1104.22	4.652
9651.00	90.700	226.901	8627.43	850.84 S	751.40 W	1135.08	3.226
9682.00	90.800	227.401	8627.02	871.92 S	774.13 W	1165.96	1.645
9713.00	89.600	227.101	8626.92	892.96 S	796.89 W	1196.83	3.990

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