

Sperry-Sun Drilling Services

Survey Report for NV ABO # 156 - MWD Survey



Mobil Exploration
Vacuum Field (PA/WC)

Lea County
Sec. 26-T17S-R34E

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (*100ft)
8347.00	0.920	145.370	8346.36	13.88 S	23.94 W	-8.28	
8353.00	2.800	135.740	8352.36	14.02 S	23.81 W	-8.08	31.653
8365.00	4.900	135.160	8364.33	14.60 S	23.25 W	-7.28	17.503
8375.00	8.200	136.390	8374.27	15.42 S	22.45 W	-6.14	33.028
8385.00	11.600	136.920	8384.12	16.67 S	21.27 W	-4.43	34.012
8395.00	15.200	137.230	8393.84	18.36 S	19.70 W	-2.12	36.007
8405.00	18.700	137.500	8403.41	20.51 S	17.72 W	0.79	35.009
8415.00	23.600	138.500	8412.73	23.19 S	15.31 W	4.38	49.131
8425.00	27.300	135.500	8421.76	26.33 S	12.38 W	8.66	39.171
8435.00	30.500	133.700	8430.51	29.72 S	8.93 W	13.49	33.158
8445.00	33.400	136.900	8439.00	33.48 S	5.22 W	18.77	33.573
8455.00	36.500	139.500	8447.19	37.75 S	1.40 W	24.47	34.386
8465.00	39.700	138.400	8455.06	42.41 S	2.65 E	30.60	32.711
8475.00	43.200	136.300	8462.56	47.27 S	7.14 E	37.20	37.656
8485.00	47.000	133.700	8469.61	52.27 S	12.15 E	44.27	42.222
8495.00	50.900	132.100	8476.18	57.40 S	17.67 E	51.81	40.822
8505.00	54.200	128.500	8482.26	62.53 S	23.73 E	59.74	43.647
8515.00	55.600	126.300	8488.01	67.50 S	30.23 E	67.89	22.802
8525.00	56.100	130.500	8493.63	72.64 S	36.71 E	76.14	35.113
8535.00	59.100	132.200	8498.98	78.22 S	43.04 E	84.58	33.255
8545.00	63.100	133.500	8503.82	84.17 S	49.46 E	93.33	41.586
8555.00	67.100	134.300	8508.03	90.46 S	55.99 E	102.40	40.652
8565.00	71.300	134.300	8511.58	96.99 S	62.68 E	111.74	42.000
8575.00	75.400	134.100	8514.44	103.66 S	69.55 E	121.31	41.045
8585.00	79.400	133.500	8516.62	110.42 S	76.59 E	131.07	40.426
8609.00	86.600	131.300	8519.54	126.47 S	94.17 E	154.87	31.347
8640.00	89.400	127.000	8520.63	146.02 S	118.19 E	185.79	16.544
8671.00	91.500	126.900	8520.38	164.65 S	142.96 E	216.64	6.782
8702.00	91.000	127.000	8519.71	183.28 S	167.73 E	247.49	1.645
8733.00	90.700	127.600	8519.25	202.07 S	192.39 E	278.36	2.164
8765.00	92.100	131.400	8518.47	222.41 S	217.07 E	310.30	12.652
8796.00	91.000	135.100	8517.63	243.64 S	239.63 E	341.28	12.447
8827.00	89.900	137.900	8517.38	266.12 S	260.97 E	372.20	9.704
8857.00	90.300	139.400	8517.33	288.64 S	280.79 E	402.02	5.175
8888.00	88.800	139.500	8517.57	312.20 S	300.94 E	432.79	4.849
8919.00	87.500	138.500	8518.58	335.58 S	321.27 E	463.58	5.290
8949.00	86.700	137.100	8520.09	357.77 S	341.39 E	493.41	5.370
8979.00	86.600	135.700	8521.85	379.46 S	362.05 E	523.29	4.671
9010.00	87.900	134.600	8523.33	401.41 S	383.88 E	554.22	5.491
9041.00	89.100	132.800	8524.14	422.82 S	406.29 E	585.20	6.977

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