

Sperry-Sun Drilling Services

Survey Report for NV ABO Unit #244



Mobil Exploration
Vacuum Field (PAWC)

Lea County
Sec. 23-T17S-R34E

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
7500.00	0.650	24.916	7499.40	9.72 N	21.36 W	21.74	0.320
7600.00	0.890	25.816	7599.39	10.94 N	20.79 W	22.22	0.240
7700.00	0.890	32.026	7699.38	12.29 N	20.04 W	22.69	0.096
7800.00	1.110	30.006	7799.36	13.79 N	19.14 W	23.17	0.223
7900.00	1.260	41.926	7899.34	15.45 N	17.92 W	23.54	0.288
8000.00	0.860	53.106	7999.32	16.72 N	16.59 W	23.54	0.448
8100.00	1.070	58.726	8099.31	17.65 N	15.19 W	23.26	0.230
8200.00	1.270	74.326	8199.29	18.44 N	13.32 W	22.55	0.374
Initial Sidetrack							
8285.00	12.100	299.006	8283.70	23.03 N	20.24 W	30.64	15.333
Open Hole Sdetrack							
8314.00	20.000	302.106	8311.55	27.15 N	27.11 W	38.35	27.392
8346.00	20.300	304.006	8341.59	33.16 N	36.34 W	49.06	2.250
8377.00	28.700	305.606	8369.77	40.51 N	46.87 W	61.64	27.179
8408.00	37.600	303.206	8395.70	50.05 N	60.87 W	78.18	29.015
8439.00	45.200	309.306	8418.95	62.22 N	77.32 W	98.32	27.732
8471.00	49.700	313.406	8440.59	77.80 N	94.98 W	121.78	16.931
8502.00	56.100	317.106	8459.28	95.38 N	112.35 W	146.48	22.728
8533.00	64.000	318.406	8474.74	115.25 N	130.38 W	173.31	25.741
8564.00	70.300	320.106	8486.78	136.89 N	149.01 W	201.83	20.941
8595.00	78.600	320.306	8495.60	159.71 N	168.02 W	231.48	20.332
8626.00	84.200	318.806	8500.77	182.95 N	187.84 W	261.98	24.975
8657.00	85.100	320.006	8503.66	206.39 N	207.92 W	292.81	4.825
8688.00	85.600	320.306	8506.17	230.11 N	227.72 W	323.65	1.879
8719.00	85.200	319.406	8508.66	253.73 N	247.64 W	354.50	3.169
8750.00	86.000	316.706	8511.04	276.72 N	268.29 W	385.40	9.059
8781.00	87.200	318.906	8512.88	299.64 N	289.08 W	416.33	8.073
8812.00	85.900	317.006	8514.74	322.62 N	309.80 W	447.27	7.417
8842.00	84.300	318.006	8517.30	344.66 N	329.99 W	477.15	6.283
8873.00	85.700	317.006	8520.01	367.43 N	350.85 W	508.03	5.543
8906.00	84.000	317.506	8522.97	391.57 N	373.16 W	540.89	5.368
8923.00	81.700	316.506	8525.08	403.90 N	384.66 W	557.76	14.735
8936.00	81.200	315.806	8527.02	413.18 N	393.56 W	570.61	6.569
8957.00	80.900	316.906	8530.28	428.19 N	407.88 W	591.36	5.368
8967.00	79.400	317.906	8531.99	435.44 N	414.55 W	601.21	17.946
8998.00	78.900	317.006	8537.83	457.87 N	435.13 W	631.65	3.276

Continued...