

Sperry-Sun Drilling Services

Survey Report for NV ABO # 156 - MWD Survey



Mobil Exploration
Vacuum Field (PAWC)

Lea County
Sec. 26-T17S-R34E

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
9072.00	92.000	132.800	8523.85	443.88 S	429.03 E	616.19	9.355
9103.00	92.100	132.300	8522.74	464.83 S	451.85 E	647.17	1.644
9135.00	89.400	130.600	8522.32	486.01 S	475.83 E	679.16	9.970
9165.00	91.100	130.200	8522.19	505.45 S	498.68 E	709.14	5.821
9197.00	90.300	129.200	8521.80	525.89 S	523.29 E	741.10	4.002
9228.00	91.300	128.300	8521.36	545.29 S	547.47 E	772.03	4.340
9259.00	90.800	127.200	8520.80	564.27 S	571.97 E	802.92	3.897
9290.00	91.600	126.900	8520.15	582.94 S	596.71 E	833.77	2.756
9321.00	90.900	126.700	8519.47	601.51 S	621.53 E	864.61	2.348
9352.00	89.400	126.300	8519.39	619.94 S	646.45 E	895.44	5.008
9383.00	87.500	126.000	8520.23	638.22 S	671.47 E	926.23	6.205
9413.00	87.500	126.000	8521.54	655.84 S	695.71 E	956.01	0.000

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to RKB. Northings and Eastings are relative to Wellhead.

The Dogleg Severity is in Degrees per 100ft.

Vertical Section is from Wellhead and calculated along an Azimuth of 132.500° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 9413.00ft.,
The Bottom Hole Displacement is 956.11ft., in the Direction of 133.310° (True).