

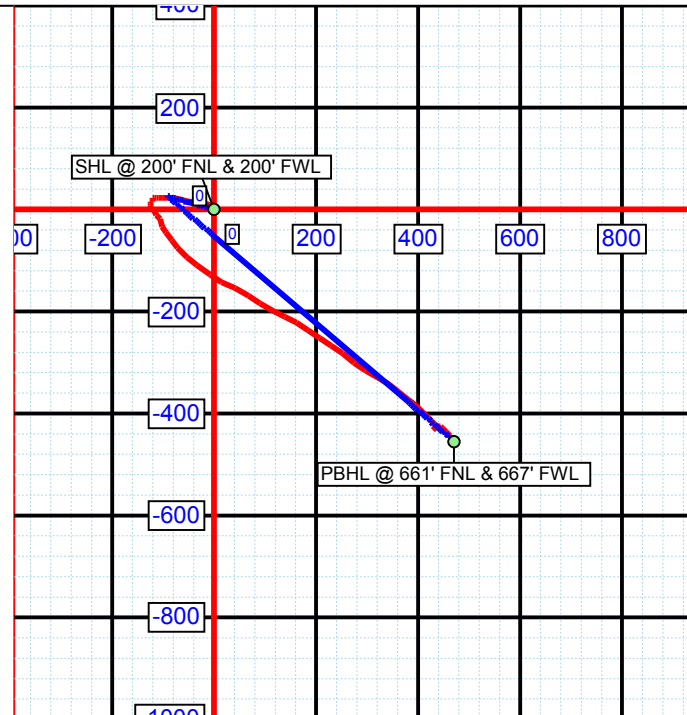
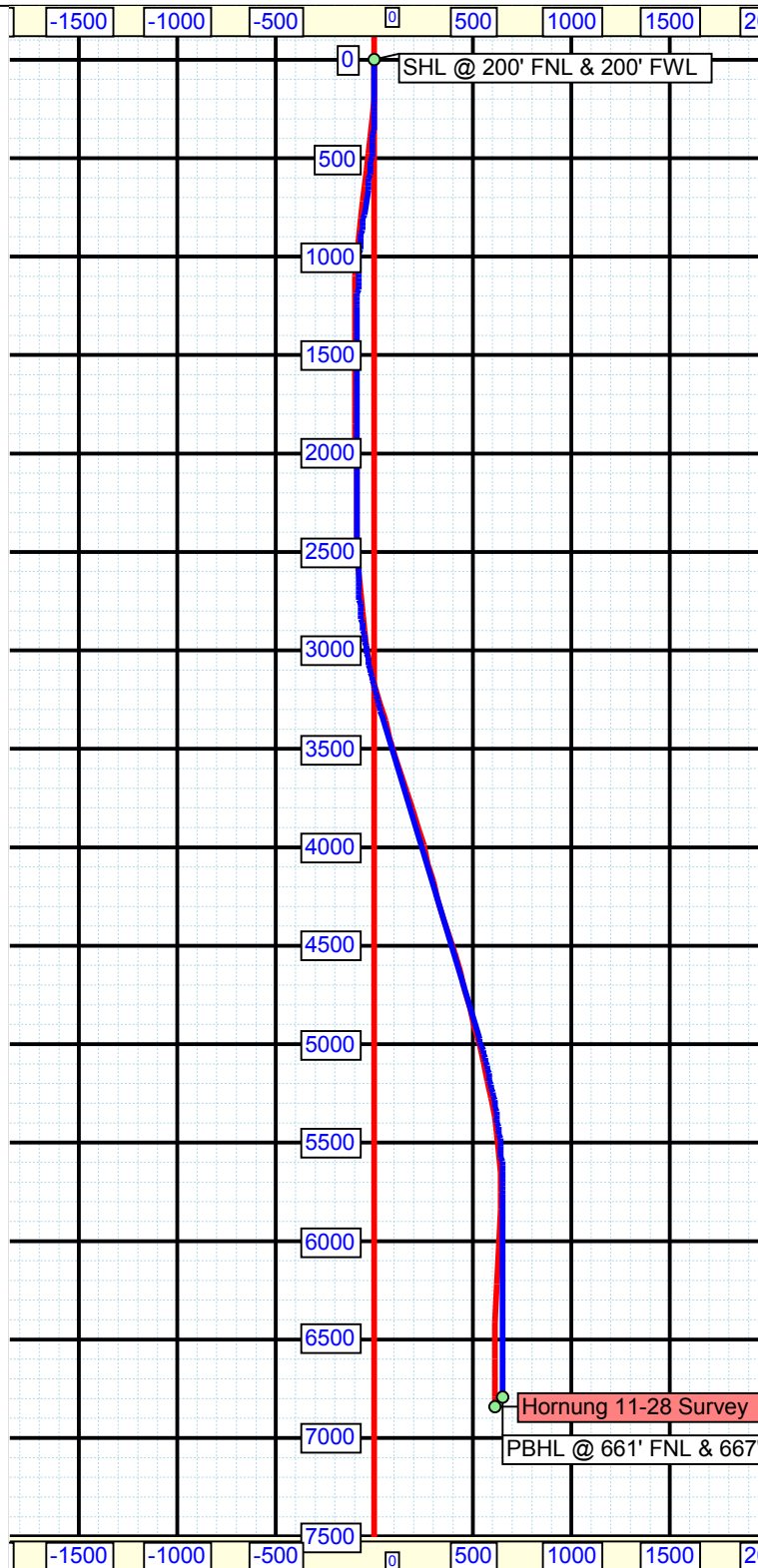


**Job Number:** Hornung Pad  
**Company:** Sundance Energy  
**Lease/Well:** Hornung 11-28  
**Location:** SEC 28 T4N R68W  
**Rig Name:** Cade 25  
**State/County:** CO/ Weld  
**Country:** USA  
**API Number:** 05-123-xxxxx

**Elevation (To MSL):** 4902.00 ft  
**RKB:** 14.00 ft  
**Projection System:** US State Plane 1983  
**Projection Group:** Colorado Northern Zone  
**Projection Datum:** GRS80  
**Magnetic Declination:** 8.65  
**Grid Convergence:** 0.31203 E  
**Date:** Saturday, September 21, 2013

True Vertical Depth

South - North



West - East

LEGEND

----- Proposal  
----- Survey

**FINAL SURVEYS PLOT**

6,944' MD & 6,838' TVD @ 609' VS  
2.5 DG INCL 234.7 AZIMUTH

Hornung 11-28 Survey

PBHL @ 661' FNL & 667' FWL

**Vertical Section (500 Ft/Div) VSP: 134.57°**