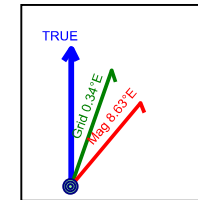


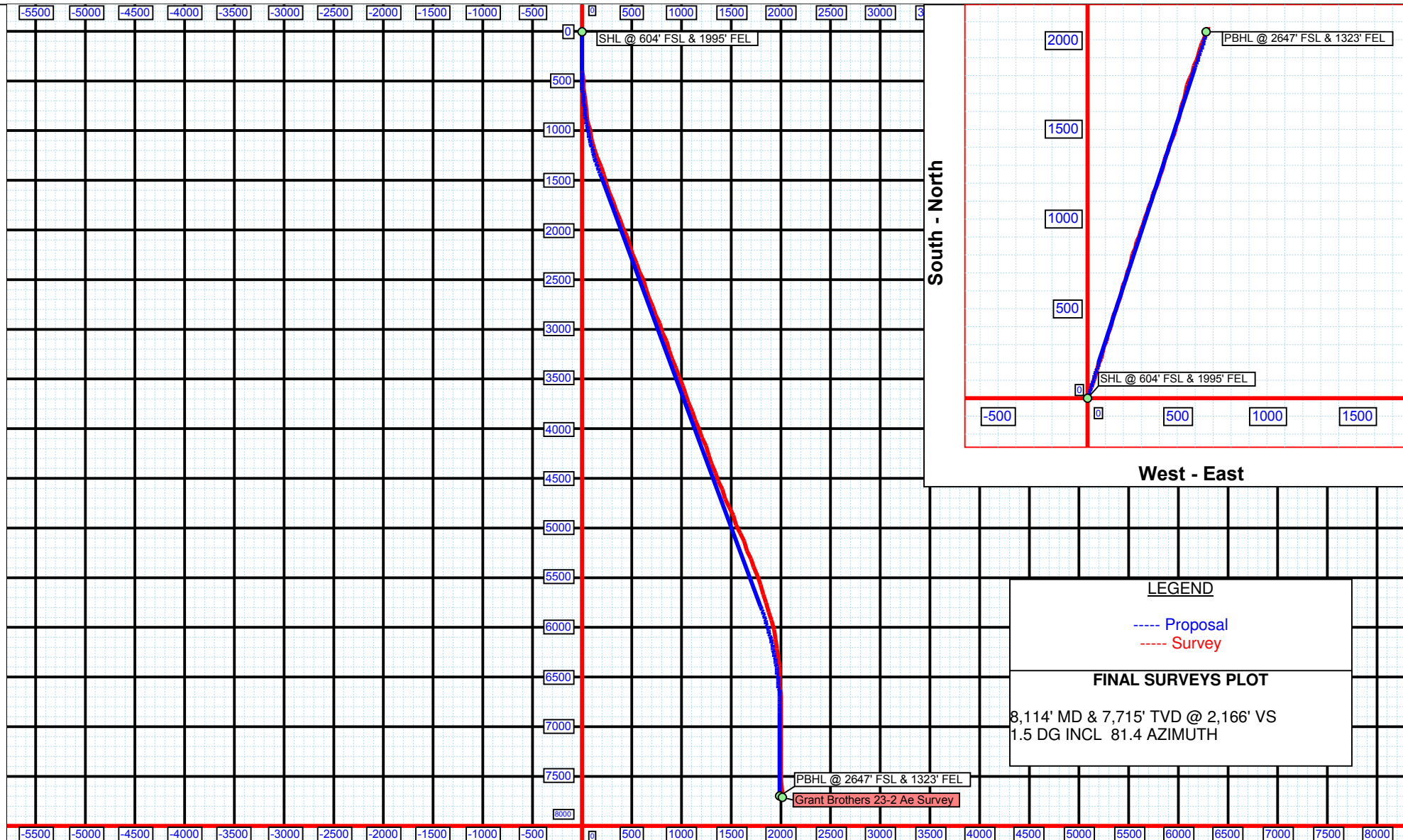


**Job Number:** Grant Brothers Pad  
**Company:** Sundance Energy, Inc  
**Lease/Well:** Grant Brothers 23-2 Ae  
**Location:** Sec 23 T2N R68W  
**Rig Name:** Cade 25  
**State/County:** CO/ Weld  
**Country:** USA  
**API Number:** 05-123-xxxx

**Elevation (To MSL):** 4919.00 ft  
**RKB:** 14.00 ft  
**Projection System:** US State Plane 1983  
**Projection Group:** Colorado Northern Zone  
**Projection Datum:** GRS80  
**Magnetic Declination:** 8.63  
**Grid Convergence:** 0.34370 E  
**Date:** Monday, September 23, 2013



True Vertical Depth



Vertical Section (500 Ft/Div) VSP: 40.07°