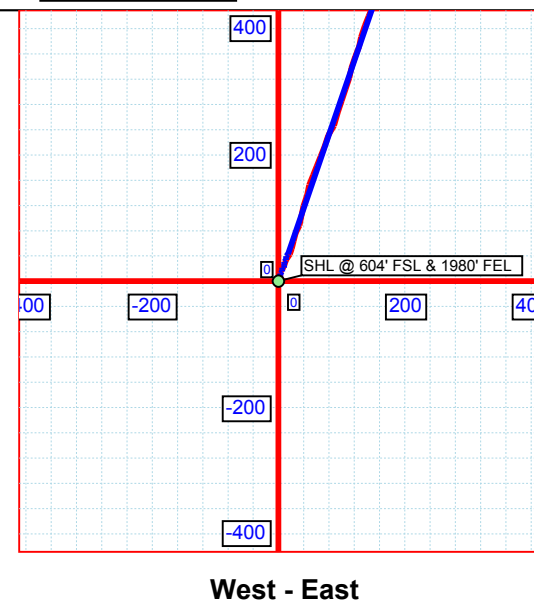
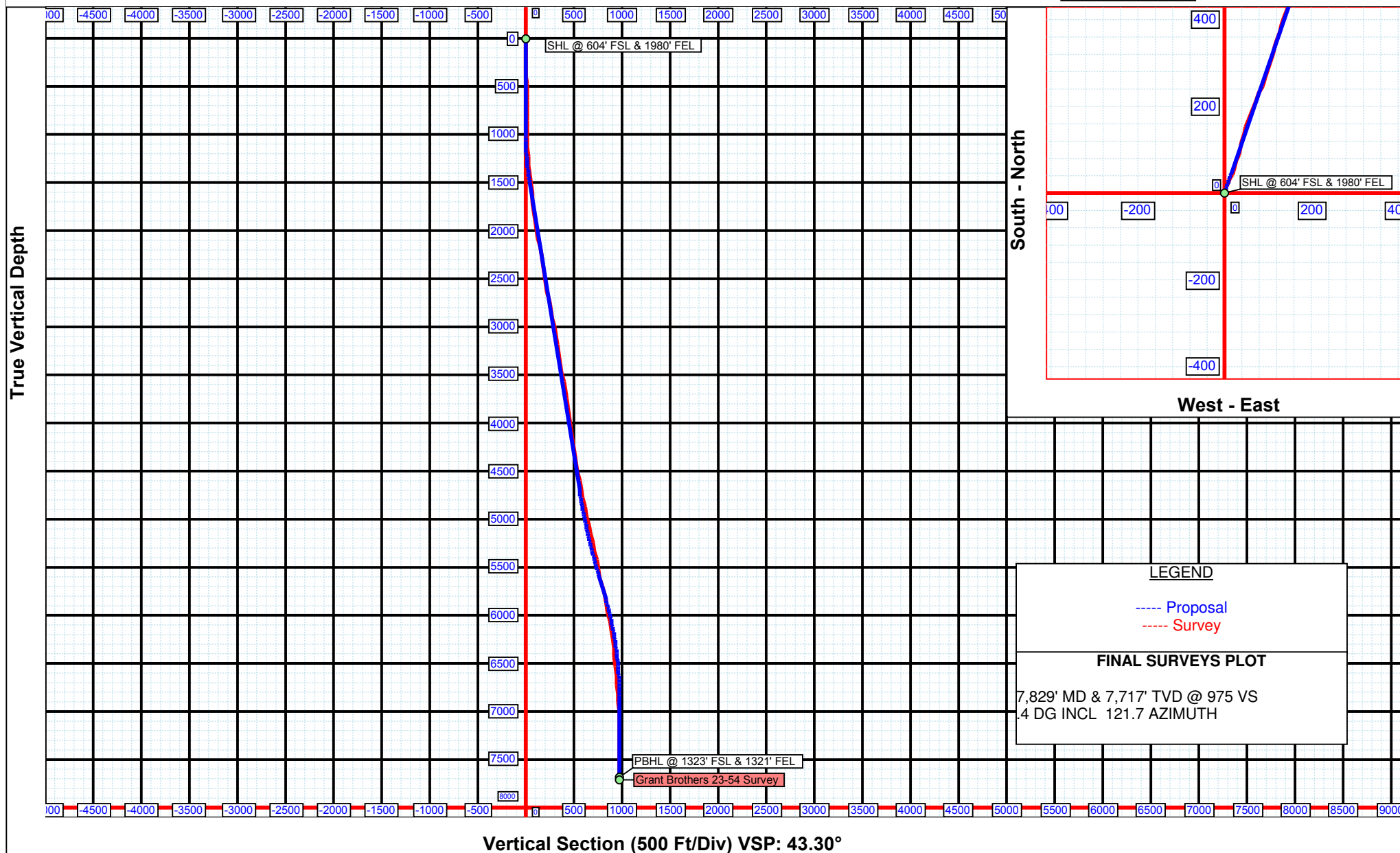
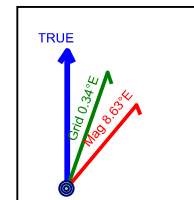




Job Number: Grant Brothers Pad  
Company: Sundance Energy, Inc  
Lease/Well: Grant Brothers 23-54  
Location: Sec 23 T2N R68W  
Rig Name: Cade 25  
State/County: CO/ Weld  
Country: USA  
API Number: 05-123-xxxxx

Elevation (To MSL): 4920.00 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: 0.34373 E  
Date: Wednesday, September 18, 2013



**LEGEND**

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

**FINAL SURVEYS PLOT**

7,829' MD & 7,717' TVD @ 975 VS  
1.4 DG INCL 121.7 AZIMUTH