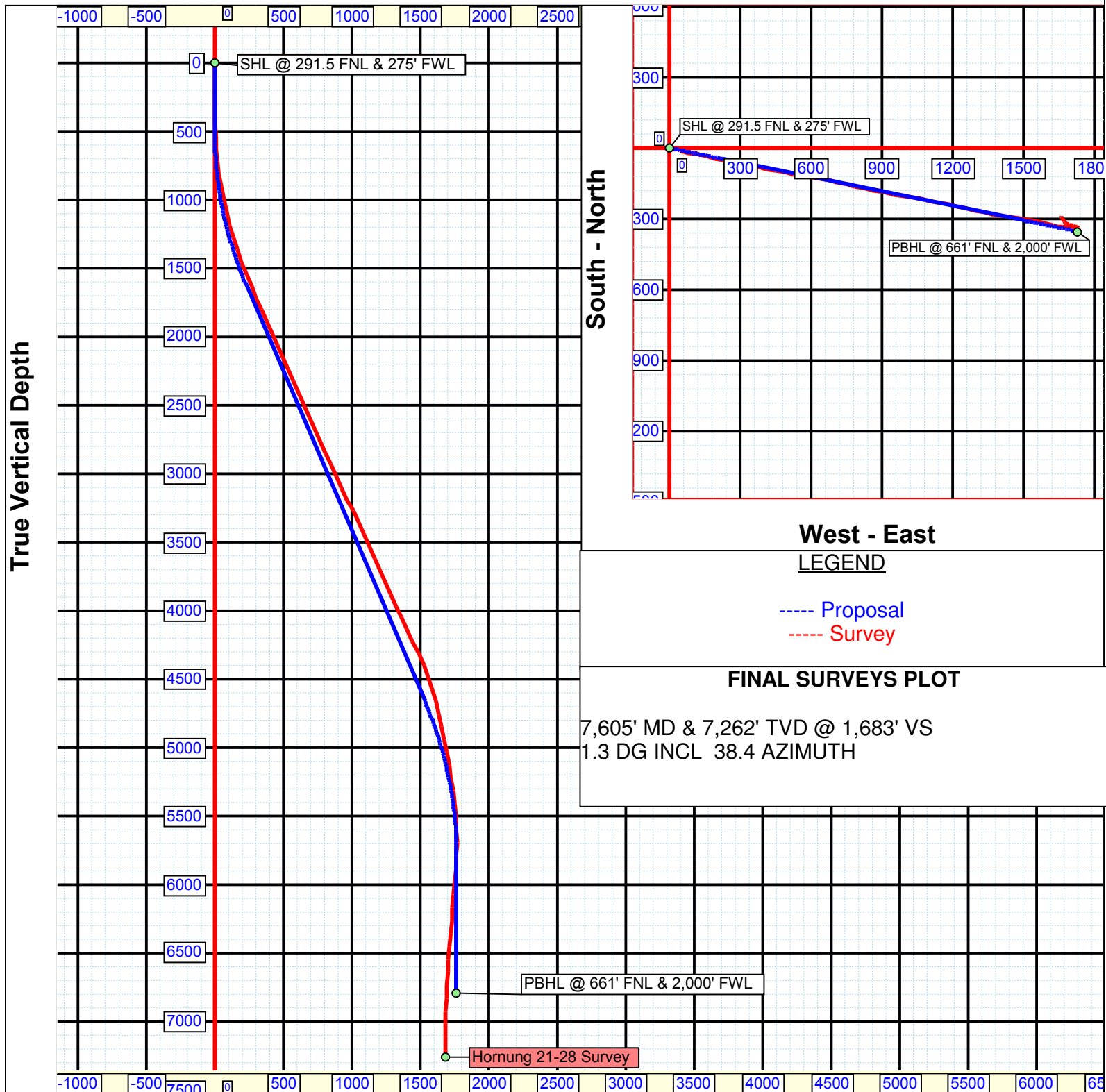




Job Number: Hornung Pad
Company: Sundance Energy
Lease/Well: Hornung 21-28
Location: SEC 28 T4N R68W
Rig Name: Cade 25
State/Country: CO/ Weld
Country: USA
API Number: 05-123-xxxxx

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: 0.31220 E
Date: Saturday, September 21, 2013



Vertical Section (500 Ft/Div) VSP: 101.54°