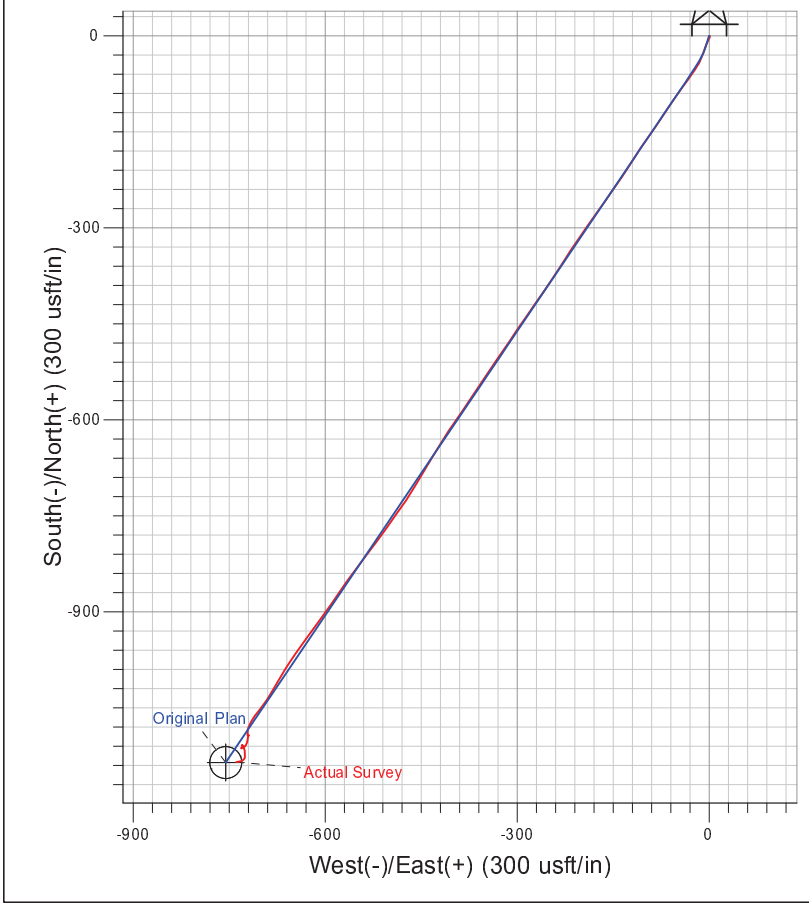
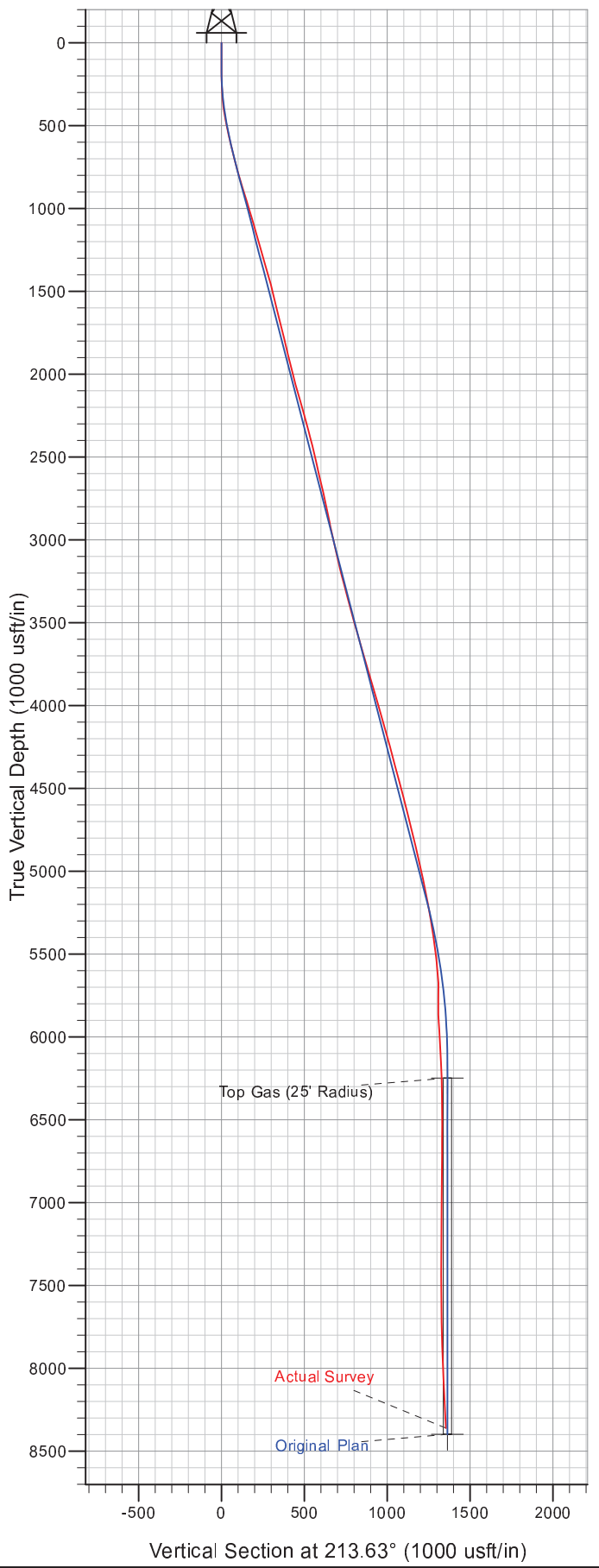




Well Name: PA 431-29  
 Surface Location: DOE 1-W-20 Pad  
 North American Datum 1983 , US State Plane 1983. Colorado Central Zone  
 Ground Elevation: 6230.00  
 +N/-S    +E/-W    Northing    Easting    Latitude    Longitude    Slot  
 0.00    0.00    1618265.00    2289272.20    39.50386    -108.01913    B11  
 KELLY BUSHING @ 6256.00usft (SSD 577 (26' RKB) kjs)



Azimuths to True North  
 Magnetic North: 10.30°  
 Magnetic Field  
 Strength: 52198.9snT  
 Dip Angle: 65.73°  
 Date: 12/14/2011  
 Model: IGRF2010