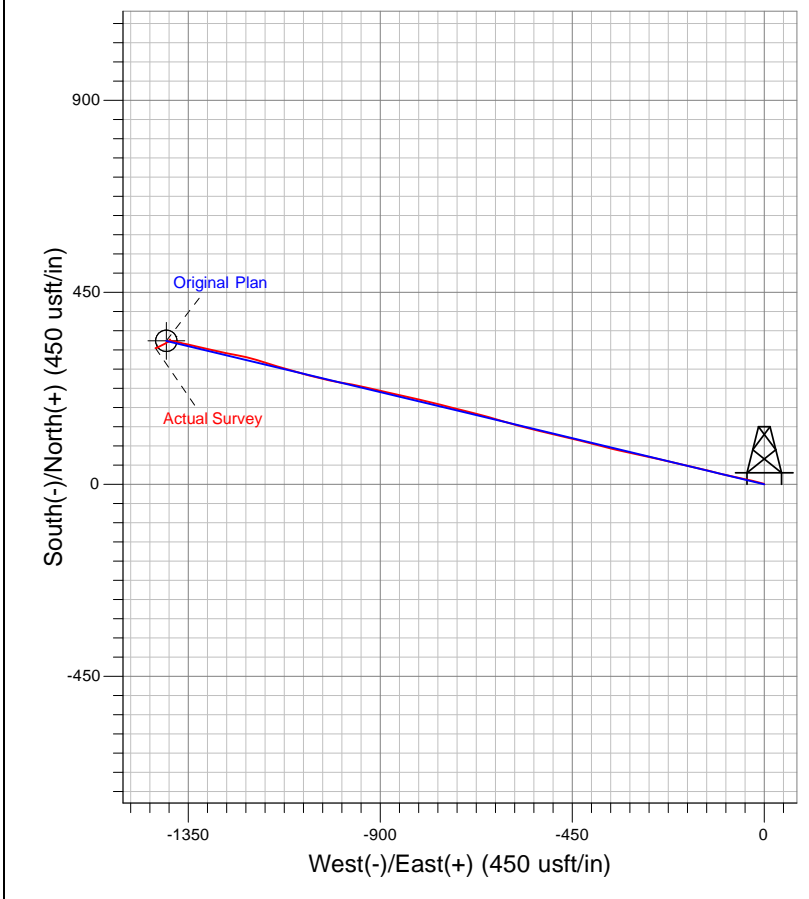
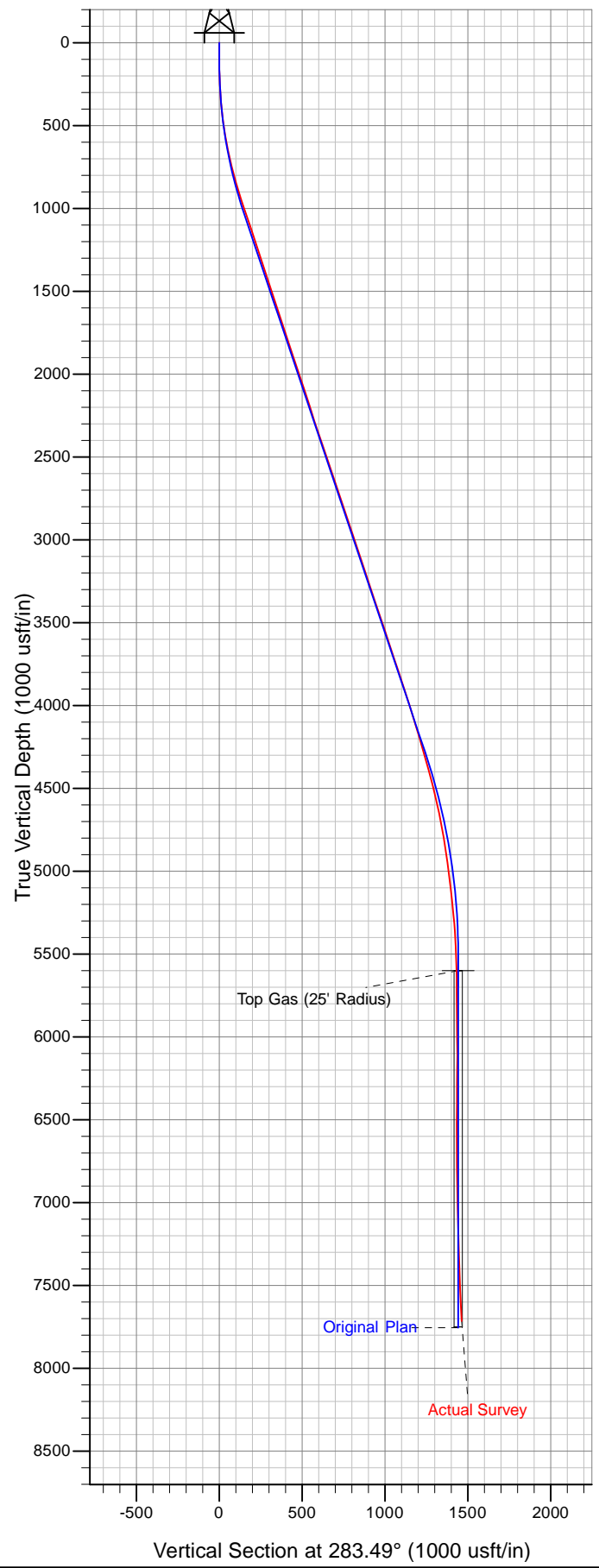




Well Name: PA 412-11  
Surface Location: PA 22-11 Pad  
North American Datum 1983 , US State Plane 1983 . Colorado Central Zone  
Ground Elevation: 6274.0  
+N/-S      +E/-W      Northing      Easting      Latitude      Longitude      Slot  
0.0      0.0      1599304.20      2303358.40      39° 27' 10.390 N      107° 58' 2.631 W      A5  
KB @ 6295.0usft (Cyclone 17 (KB 21'))



Azimuths to True North  
Magnetic North: 10.09°  
Magnetic Field  
Strength: 52037.2snT  
Dip Angle: 65.66°  
Date: 5/6/2013  
Model: IGRF2010