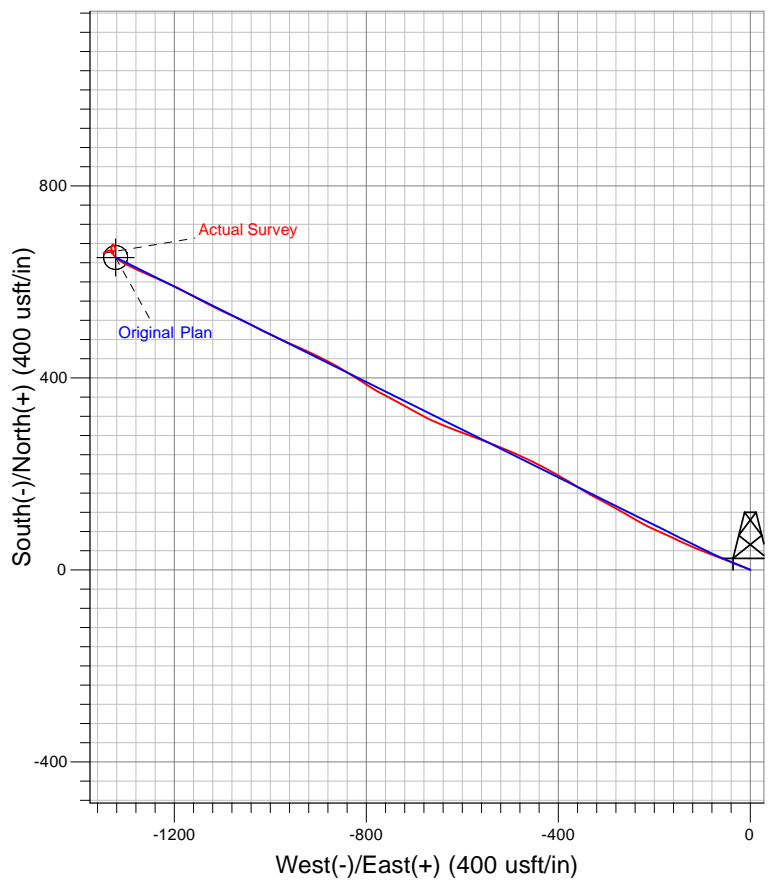
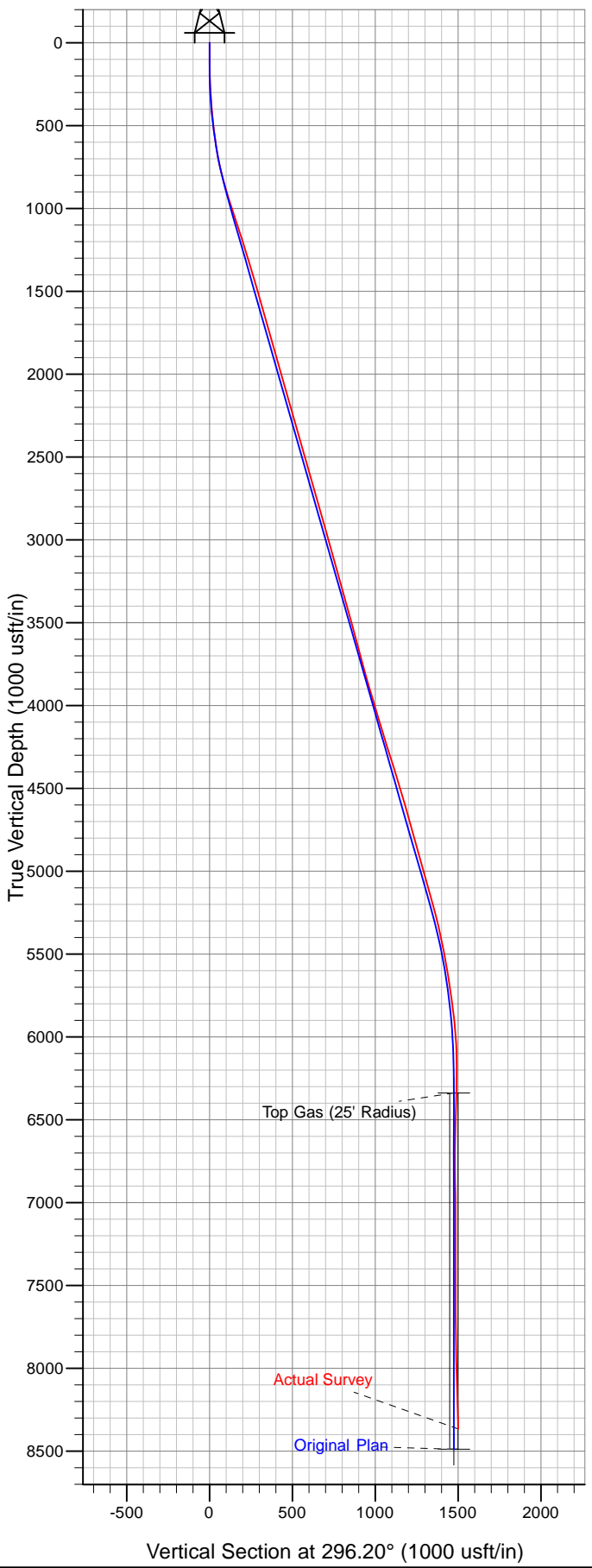




Well Name: PA 434-20
 Surface Location: DOE 1-W-20 Pad
 North American Datum 1983 , US State Plane 1983. Colorado Central Zone
 Ground Elevation: 6230.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1618310.30	2289280.30	39.50399	-108.01910	A5

KELLY BUSHING @ 6256.00usft (SSD 577 (26' RKB) kjs)



Azimuths to True North
 Magnetic North: 10.32°
 Magnetic Field
 Strength: 52215.0snT
 Dip Angle: 65.73°
 Date: 10/17/2011
 Model: IGRF2010