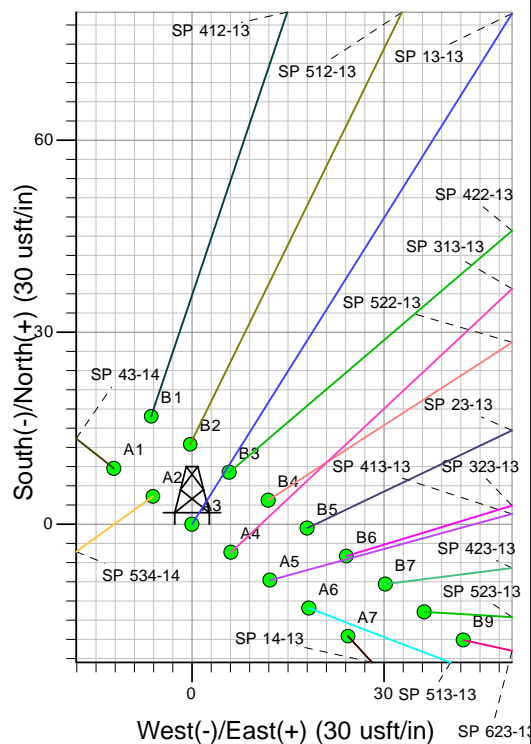
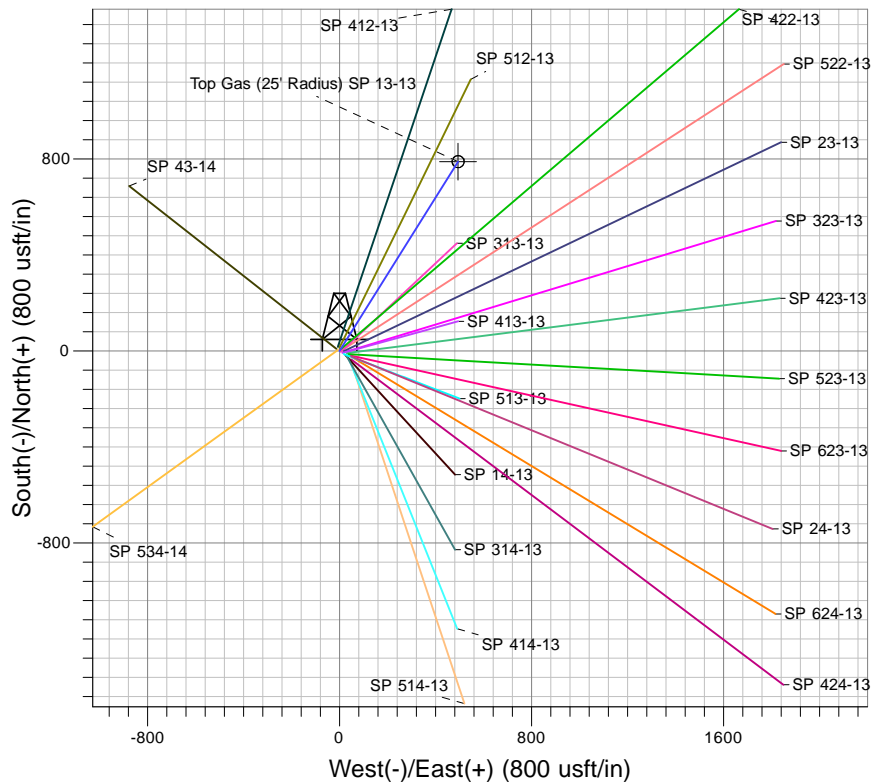
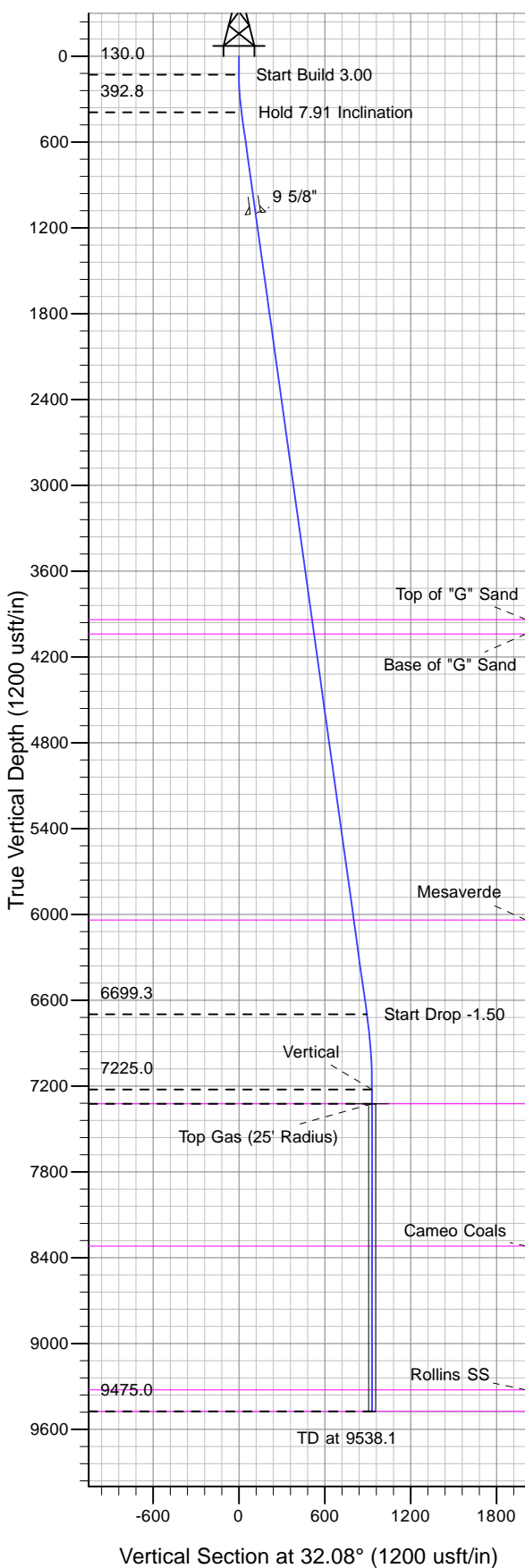




Well Name: SP 13-13  
Surface Location: SP 13-13 Pad East  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
Ground Elevation: 7986.0  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.0 0.0 1592709.51 2306710.65 39° 26' 6.131 N 107° 57' 17.637 W A3  
KELLY BUSHING @ 8010.0usft (H&P 278 (24' RKB) kjs)



Project: PA 13-07S-095W  
Site: SP 13-13 Pad East  
Well: SP 13-13  
Design #1 10Nov10 kjs

**T M** Azimuths to True North  
Magnetic North: 10.40°  
Magnetic Field  
Strength: 52266.1nT  
Dip Angle: 65.71°  
Date: 11/10/2010  
Model: IGRF2010

#### ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
130.0	130.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.00
392.8	393.7	7.91	32.08	15.4	9.7	18.2	18.2	Hold 7.91 Inclination
6699.3	6760.7	7.91	32.08	757.9	475.0	894.5	894.5	Start Drop -1.50
7225.0	7288.1	0.00	0.00	788.7	494.3	930.8	930.8	Vertical
7325.0	7388.1	0.00	0.00	788.7	494.3	930.8	930.8	Top Gas
9475.0	9538.1	0.00	0.00	788.7	494.3	930.8	930.8	TD at 9538.1