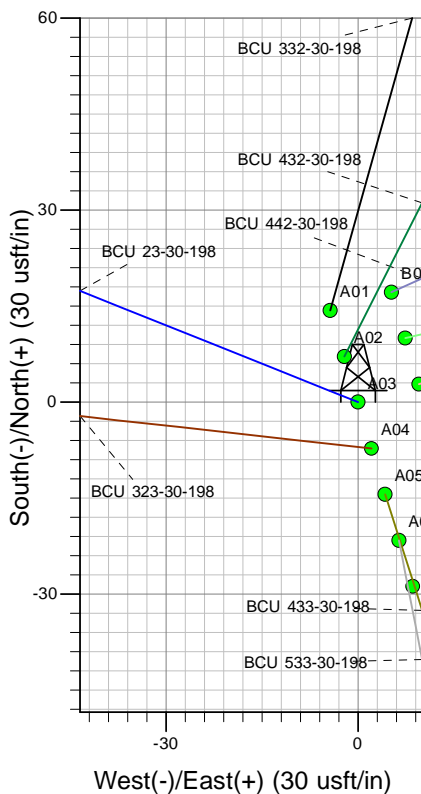
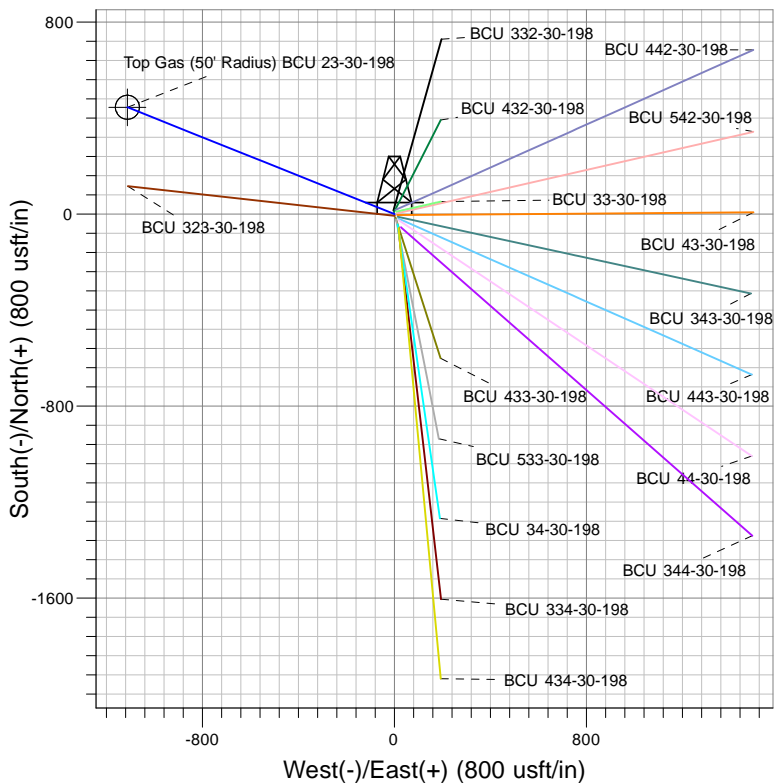
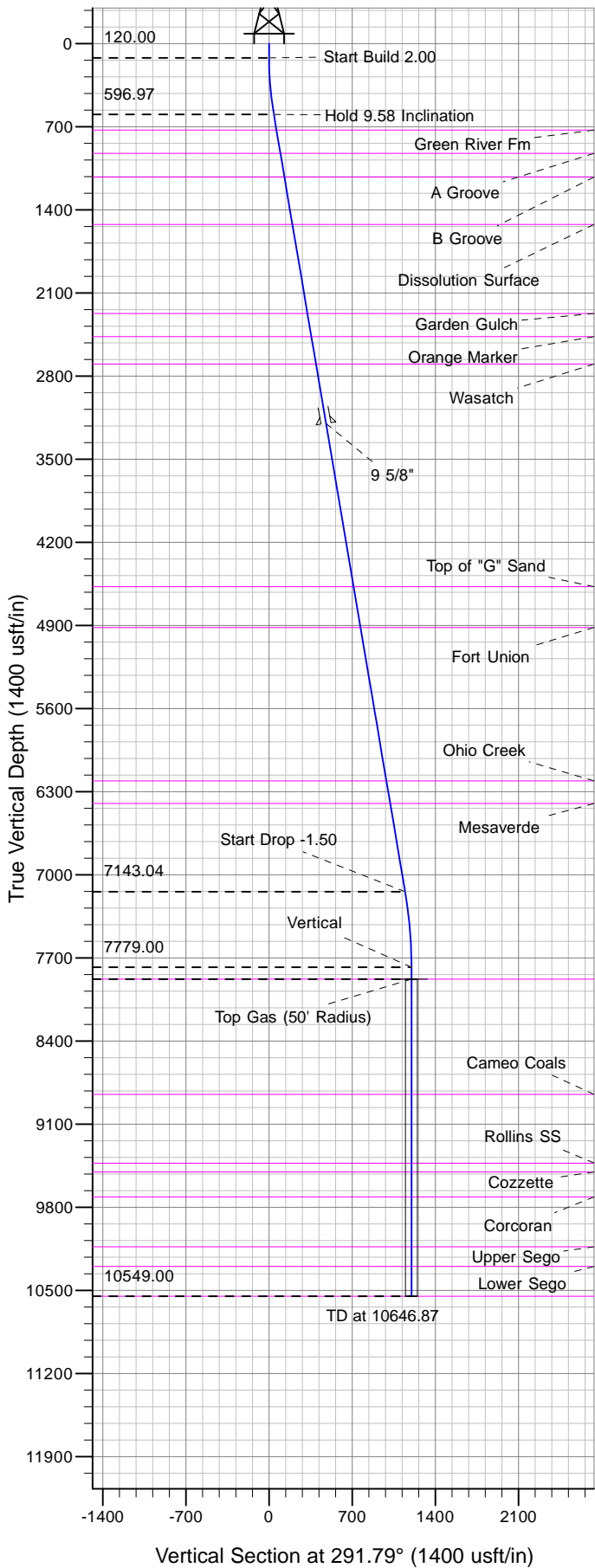




Well Name: BCU 23-30-198  
Surface Location: BCU 33-30-198 Pad  
North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
Ground Elevation: 6738.00  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.00 0.00 1811441.30 2178807.30 40.02483 -108.43250 A03  
KELLY BUSHING @ 6759.00usft (Cyclone 29 (21' RKB) kjs)



Project: BC 30-01N-098W  
Site: BCU 33-30-198 Pad  
Well: BCU 23-30-198  
Design #1 09May13 kjs

Azimuths to True North  
Magnetic North: 10.37°  
Magnetic Field  
Strength: 52281.9snT  
Dip Angle: 66.04°  
Date: 5/9/2013  
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V Sect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
596.97	599.20	9.58	291.79	14.85	-37.13	39.98	39.98	Hold 9.58 Inclination
7143.04	7237.93	9.58	291.79	425.22	-1063.42	1145.29	1145.29	Start Drop -1.50
7779.00	7876.87	0.00	0.00	445.01	-1112.93	1198.60	1198.60	Vertical
7879.00	7976.87	0.00	0.00	445.01	-1112.93	1198.60	1198.60	Top Gas
10549.00	10646.87	0.00	0.00	445.01	-1112.93	1198.60	1198.60	TD at 10646.87