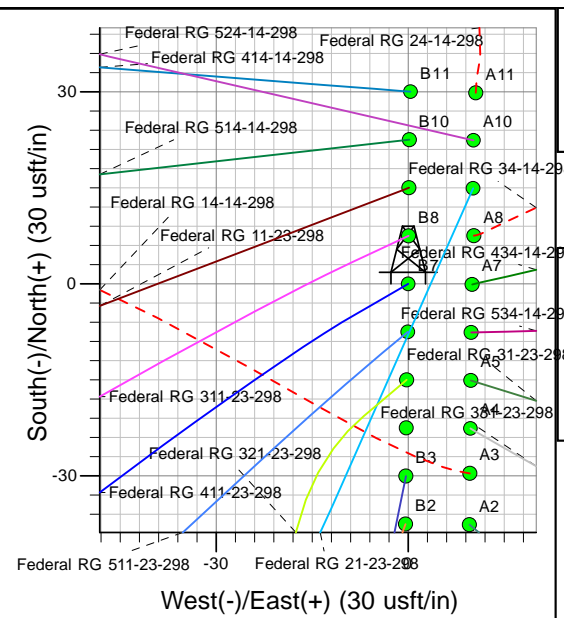
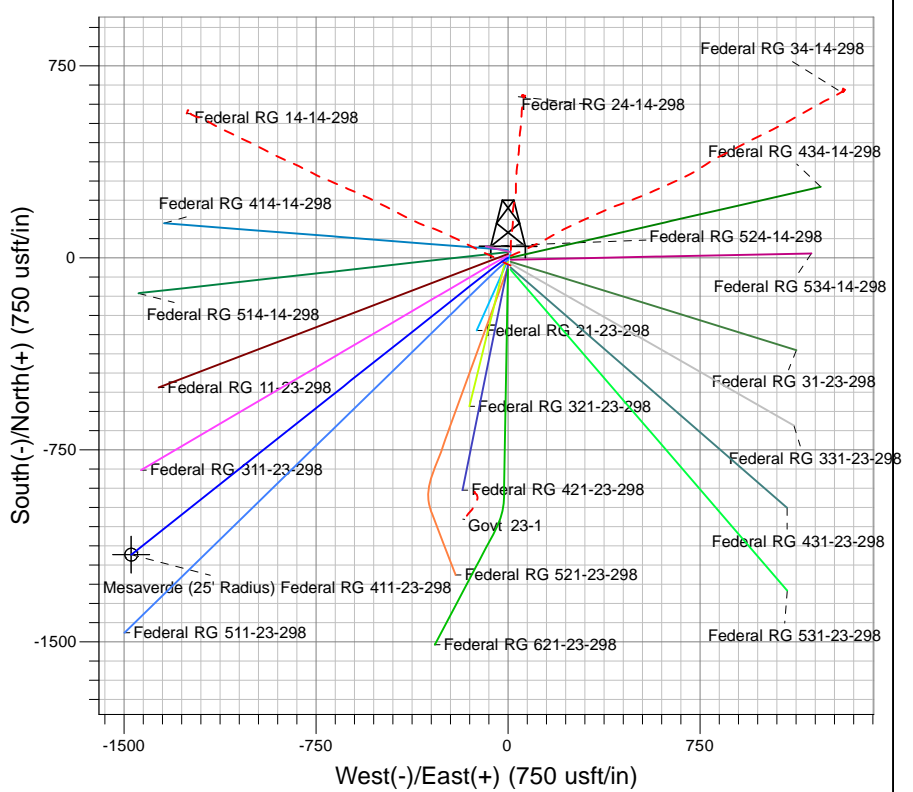
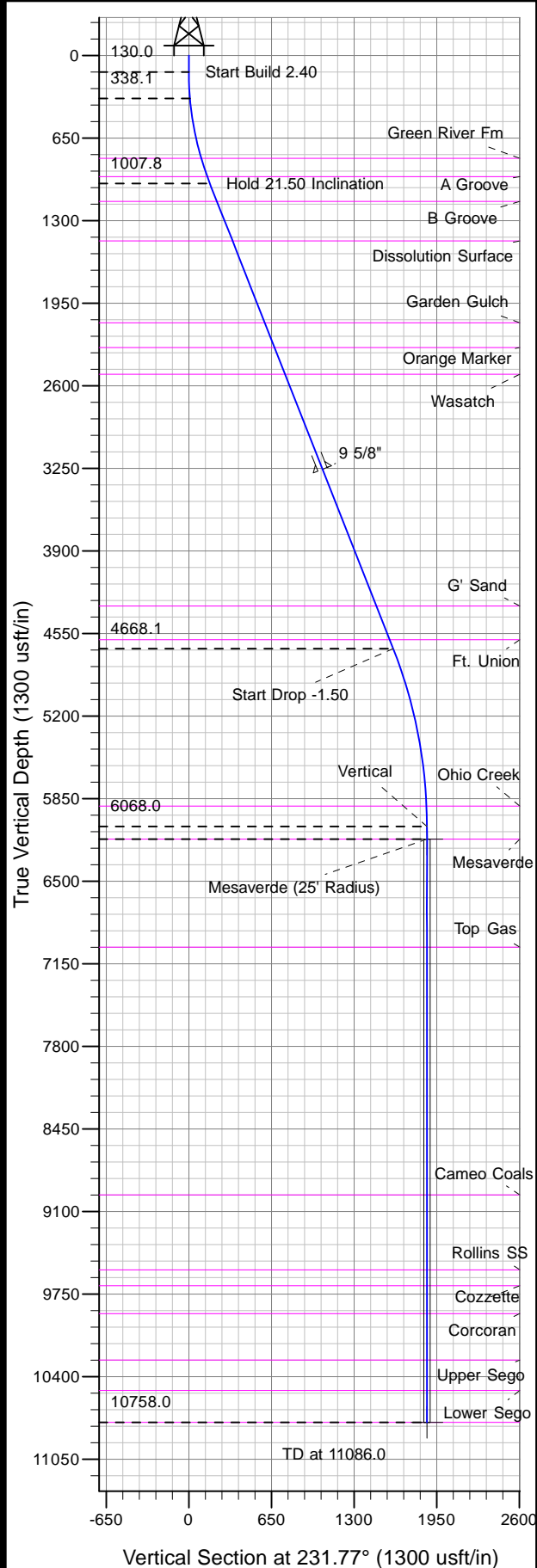




Well Name: Federal RG 411-23-298  
Surface Location: Federal RG 24-14-298 Pad  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
Ground Elevation: 6686.0  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.0 0.0 1754555.00 2196436.80 39° 52' 13.088 N 108° 21' 47.482 W B7  
KELLY BUSHING @ 6708.0usft (Frontier 10 (22' RKB) kjs)



Project: RG 14-02S-098W  
Site: Federal RG 24-14-298 Pad  
Well: Federal RG 411-23-298  
Plan #2 13Apr11 kjs

Asimuths to True North  
Magnetic North: 10.71°  
Magnetic Field  
Strength: 52515.8snT  
Dip Angle: 66.01°  
Date: 4/19/2010  
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 2.40
338.1	338.3	5.00	240.00	-4.5	-7.9	9.0	9.1	Begin 2.4° Build & Turn
1007.8	1028.7	21.50	231.59	-98.8	-133.9	166.4	166.6	Hold 21.50 Inclination
4668.1	4962.8	21.50	231.59	-994.6	-1263.7	1608.2	1608.4	Start Drop -1.50
6068.0	6396.0	0.00	0.00	-1159.7	-1471.9	1873.9	1874.2	Vertical
6168.0	6496.0	0.00	0.00	-1159.7	-1471.9	1873.9	1874.2	Mesaverde
10758.0	11086.0	0.00	0.00	-1159.7	-1471.9	1873.9	1874.2	TD at 11086.0