



+N/-S  
0.0

+E/-W  
0.0

Northing  
1754577.10

Easting  
2196447.70

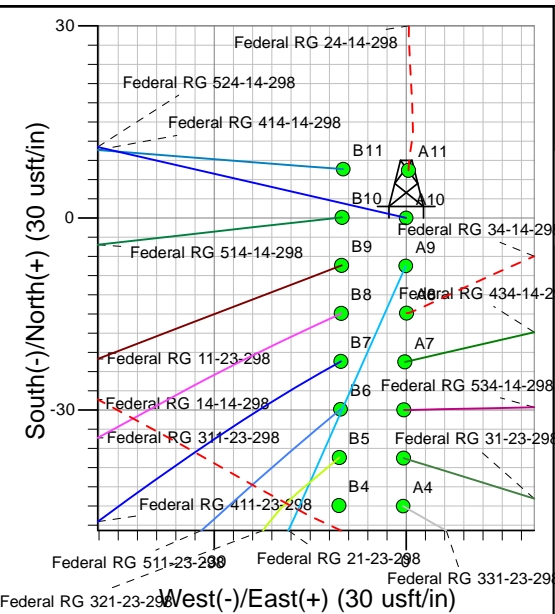
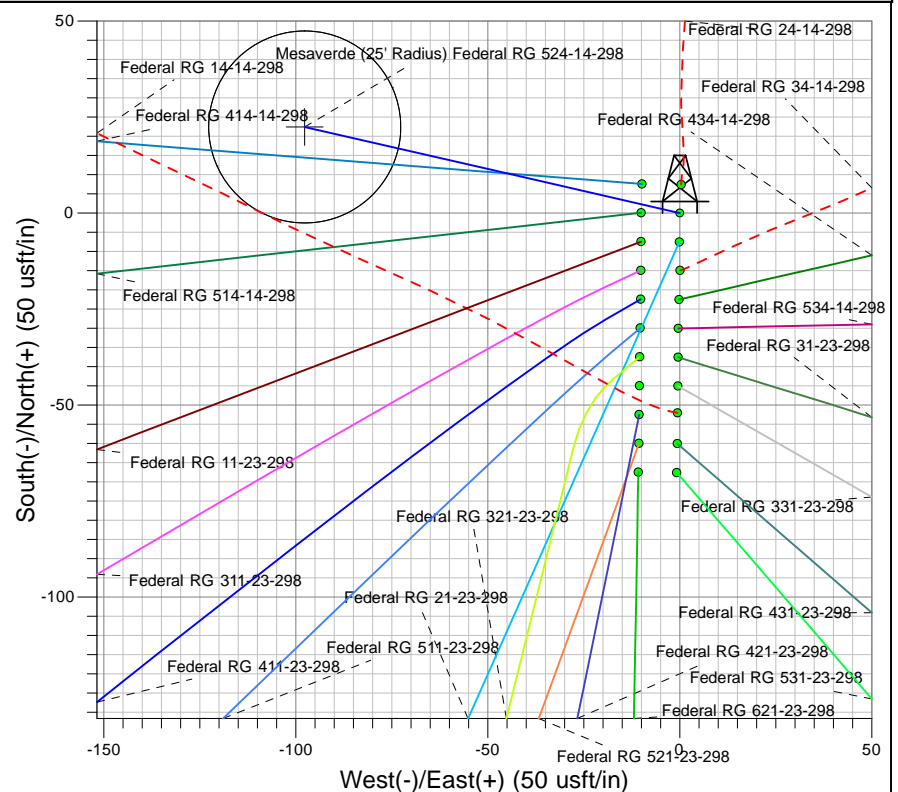
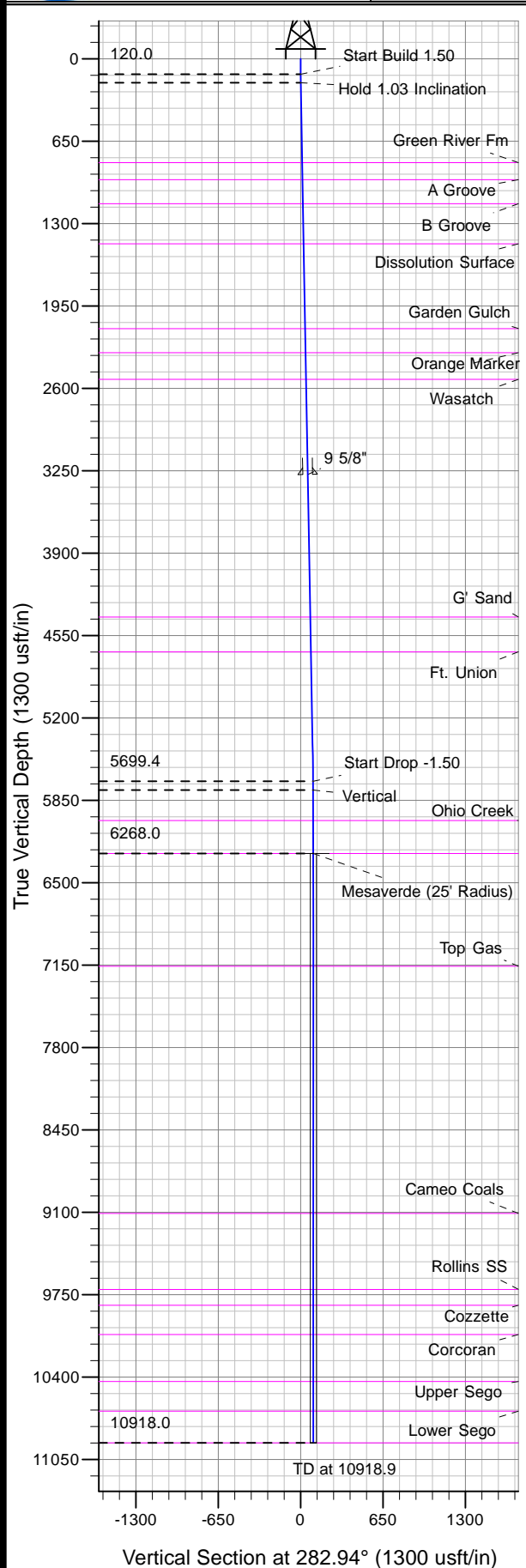
Latitude  
39° 52' 13.310 N

Longitude  
108° 21' 47.351 W

Slot  
A10

Well Name: Federal RG 524-14-298  
Surface Location: Federal RG 24-14-298 Pad  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
Ground Elevation: 6686.0

KELLY BUSHING @ 6708.0usft (Frontier 10 (22' RKB) kjs)



Project: RG 14-02S-098W  
Site: Federal RG 24-14-298 Pad  
Well: Federal RG 524-14-298  
Plan #2 13Apr11 kjs

Azimuths to True North  
Magnetic North: 11.04°  
Magnetic Field  
Strength: 52801.5snT  
Dip Angle: 66.09°  
Date: 8/30/2007  
Model: IGRF2005-10

#### ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 1.50
188.6	188.6	1.03	282.94	0.1	-0.6	-0.6	0.6	Hold 1.03 Inclination
5699.4	5700.3	1.03	282.94	22.3	-97.1	-95.6	99.6	Start Drop -1.50
5768.0	5768.9	0.00	0.00	22.4	-97.7	-96.2	100.2	Vertical
6268.0	6268.9	0.00	0.00	22.4	-97.7	-96.2	100.2	Mesaverde
10918.0	10918.9	0.00	0.00	22.4	-97.7	-96.2	100.2	TD at 10918.9