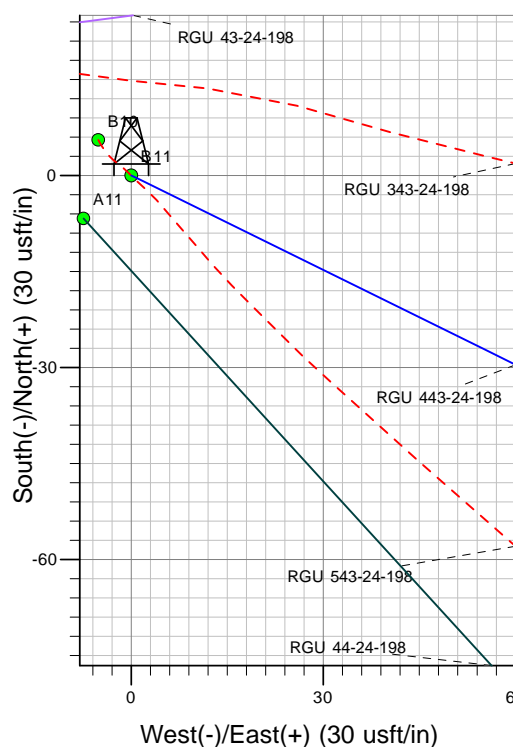
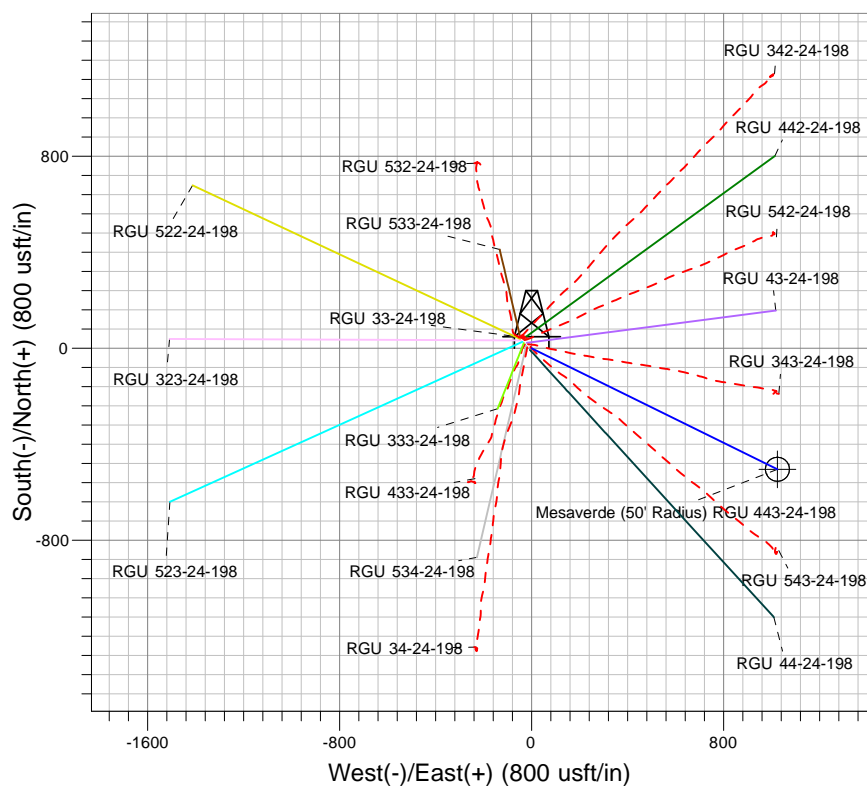
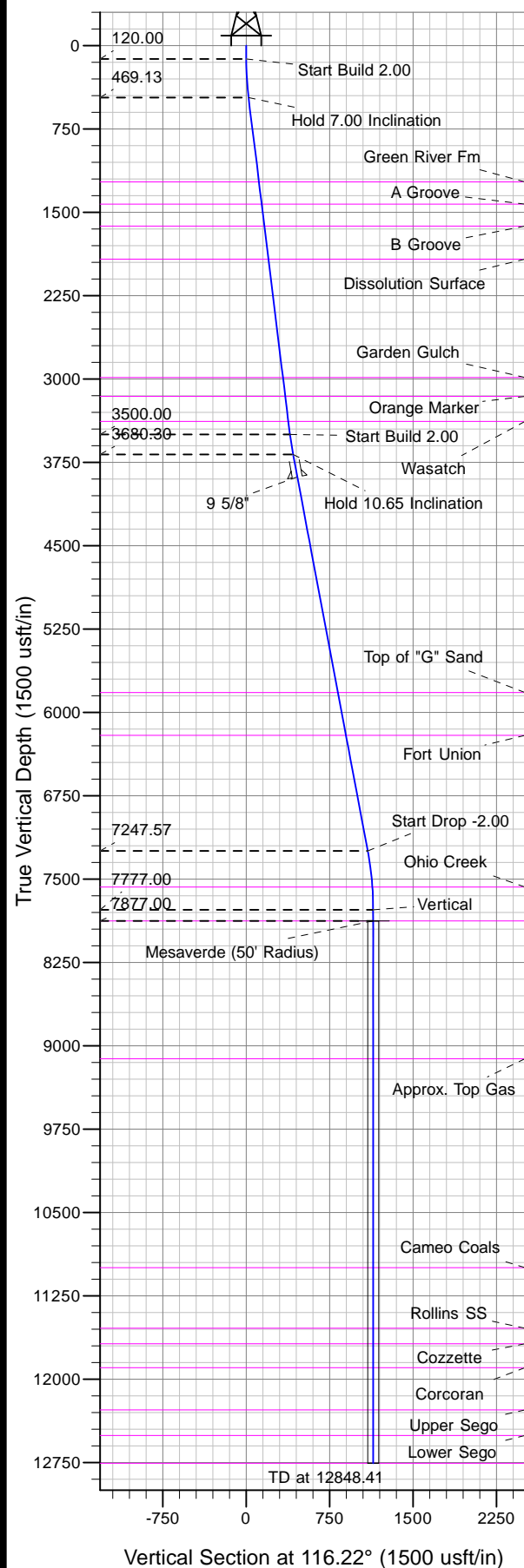




Well Name: RGU 443-24-198
Surface Location: RGU 33-24-198 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6596.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1782418.30	2204038.20	39.94741	-108.33922	B 11

KELLY BUSHING @ 6617.00usft (Cyclone 29 (21' RKB) kjs)



Project: RG 24-01S-098W
Site: RGU 33-24-198 Pad
Well: RGU 443-24-198
Plan 2 06Jun13 kjs



Azimuths to True North
Magnetic North: 10.31°
Magnetic Field
Strength: 52245.5snT
Dip Angle: 65.99°
Date: 6/7/2013
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
469.13	470.00	7.00	116.22	-9.44	19.16	21.35	21.35	Hold 7.00 Inclination
3500.00	3523.63	7.00	116.22	-173.87	353.00	393.50	393.50	Start Build 2.00
3680.30	3706.13	10.65	116.22	-186.24	378.11	421.49	421.49	Hold 10.65 Inclination
7247.57	7335.91	10.65	116.22	-482.60	979.91	1092.30	1092.30	Start Drop -2.00
7777.00	7868.41	0.00	0.00	-504.40	1024.18	1141.65	1141.65	Vertical
7877.00	7968.41	0.00	0.00	-504.40	1024.18	1141.65	1141.65	Mesaverde
12757.00	12848.41	0.00	0.00	-504.40	1024.18	1141.65	1141.65	TD at 12848.41