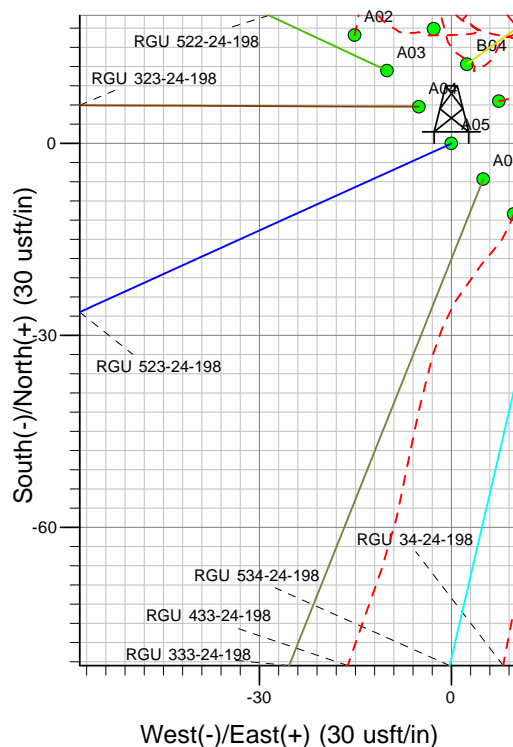
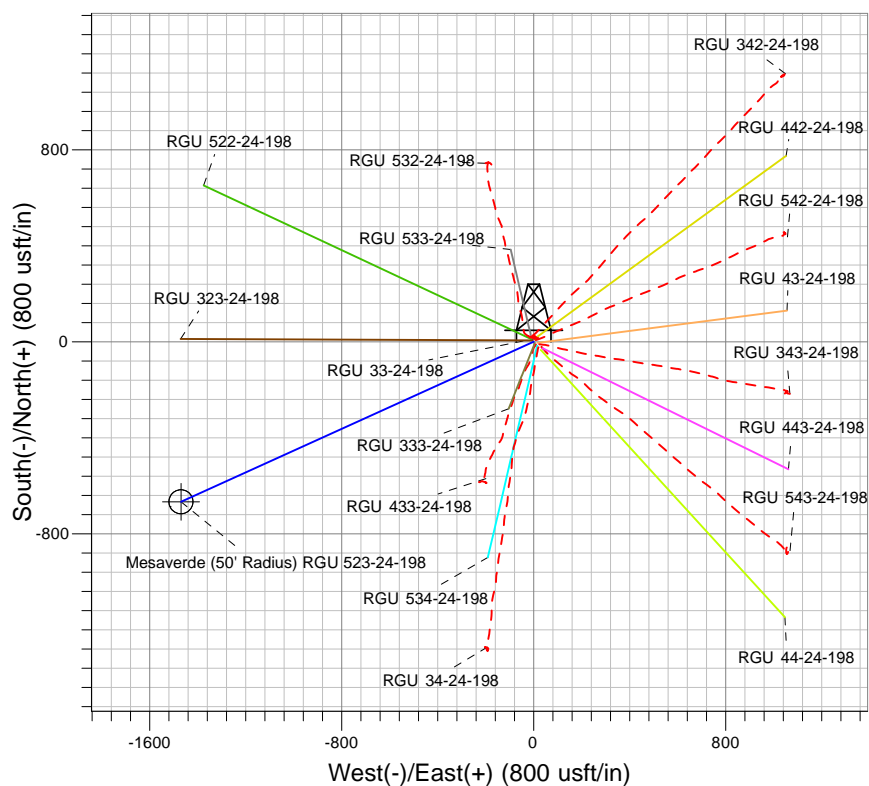
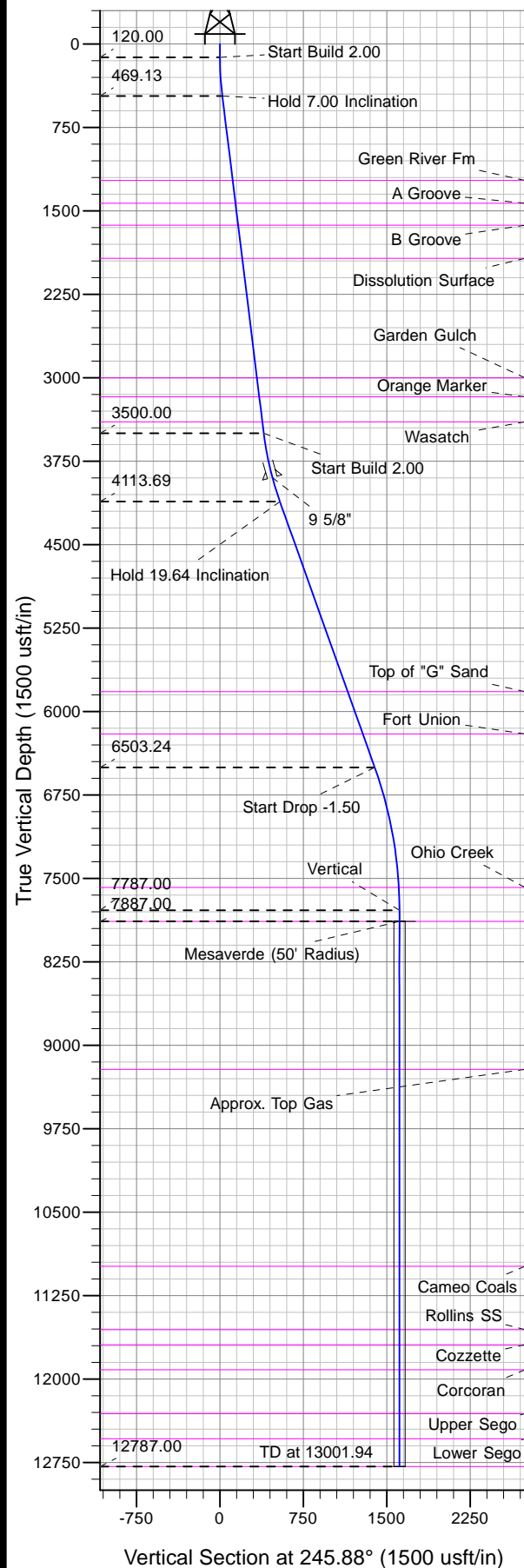




Well Name: RGU 523-24-198
Surface Location: RGU 33-24-198 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6596.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slat
0.00	0.00	1782446.42	2204001.60	39.94748	-108.33936	A05

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



Project: RG 24-01S-098W
Site: RGU 33-24-198 Pad
Well: RGU 523-24-198
Plan 2 10Jun13 kjs



Azimuths to True North
Magnetic North: 10.31°
Magnetic Field
Strength: 52244.7nT
Dip Angle: 65.99°
Date: 6/10/2013
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	245.60	-8.82	-19.45	21.35	21.35	Hold 7.00 Inclination
3500.00	3523.63	7.00	245.60	-162.56	-358.35	393.49	393.50	Start Build 2.00
4113.69	4155.56	19.64	245.60	-222.58	-490.66	538.78	538.79	Hold 19.64 Inclination
6503.24	6692.70	19.64	245.60	-574.89	-1267.18	1391.47	1391.48	Start Drop -1.50
7787.00	8001.94	0.00	0.00	-666.69	-1469.51	1613.65	1613.67	Vertical
7887.00	8101.94	0.00	0.00	-666.69	-1469.51	1613.65	1613.67	Mesaverde
12787.00	13001.94	0.00	0.00	-666.69	-1469.51	1613.65	1613.67	TD at 13001.94