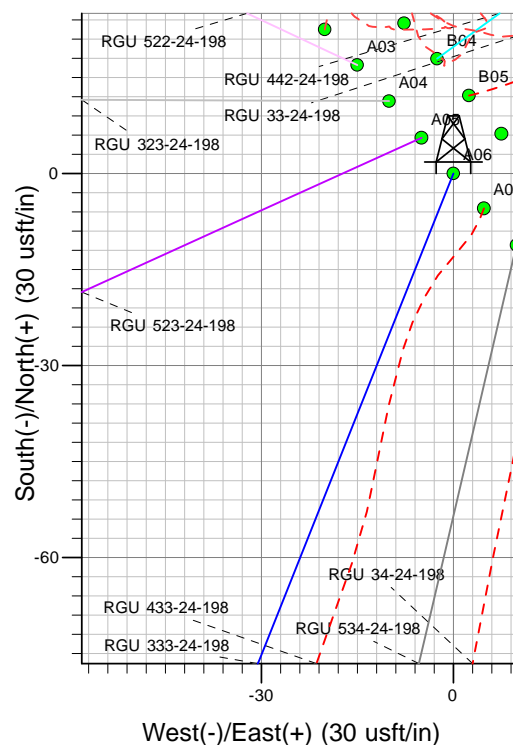
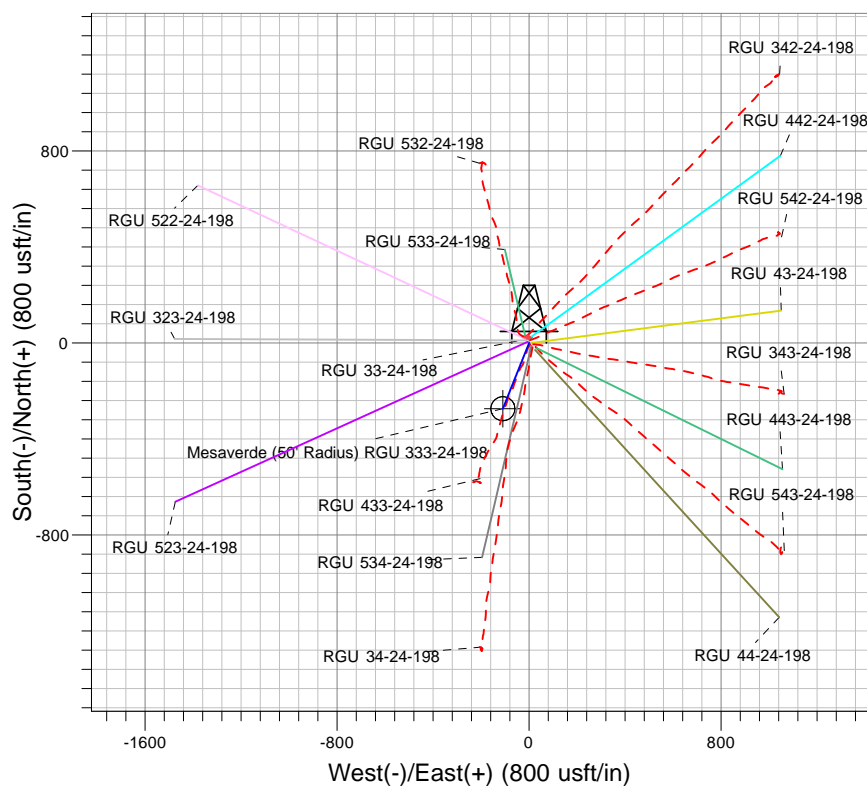
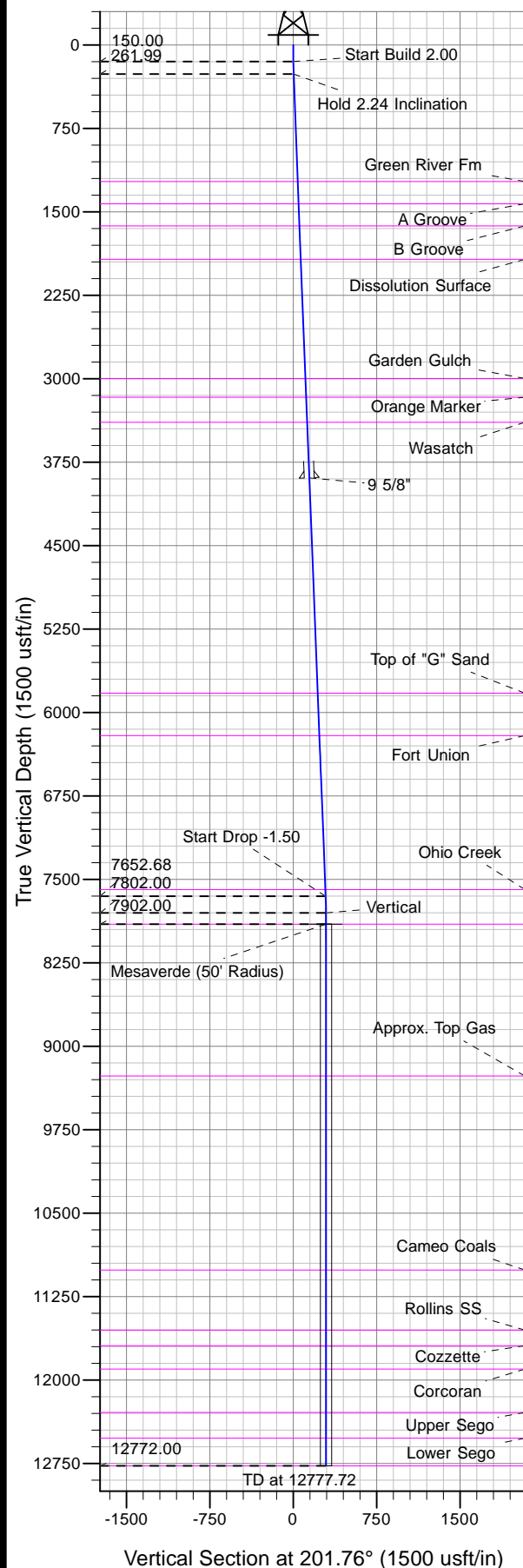




Well Name: RGU 333-24-198
Surface Location: RGU 33-24-198 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6596.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1782440.70	2204006.40	39.94746	-108.33934	A06

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



Project: RG 24-01S-098W
Site: RGU 33-24-198 Pad
Well: RGU 333-24-198
Plan 2 06Jun13 kjs



Azimuths to True North
Magnetic North: 10.31°
Magnetic Field
Strength: 52245.8snT
Dip Angle: 65.99°
Date: 6/6/2013
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
150.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
261.99	262.02	2.24	201.76	-2.03	-0.81	2.19	2.19	Hold 2.24 Inclination
7652.68	7658.36	2.24	201.76	-270.57	-108.00	291.33	291.33	Start Drop -1.50
7802.00	7807.72	0.00	0.00	-273.28	-109.08	294.25	294.25	Vertical
7902.00	7907.72	0.00	0.00	-273.28	-109.08	294.25	294.25	Mesaverde
12772.00	12777.72	0.00	0.00	-273.28	-109.08	294.25	294.25	TD at 12777.72