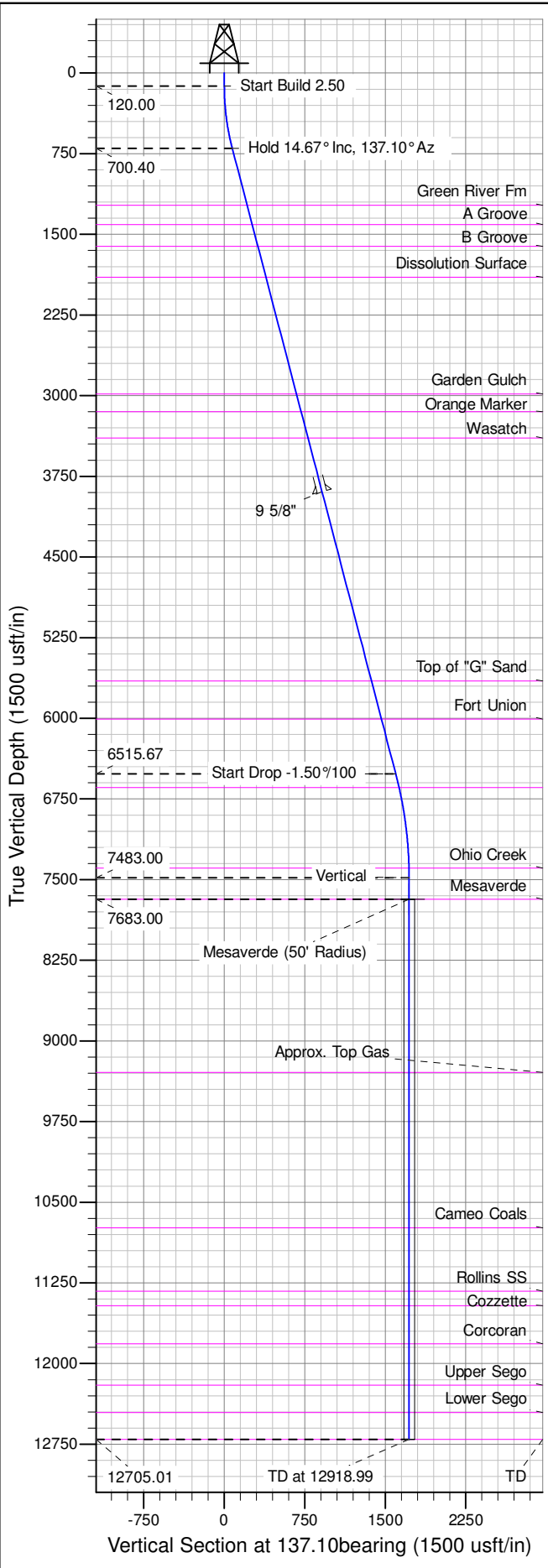




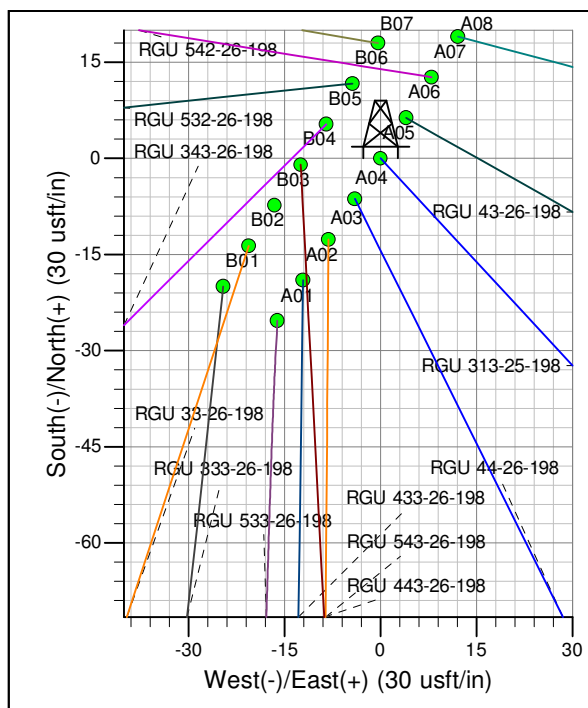
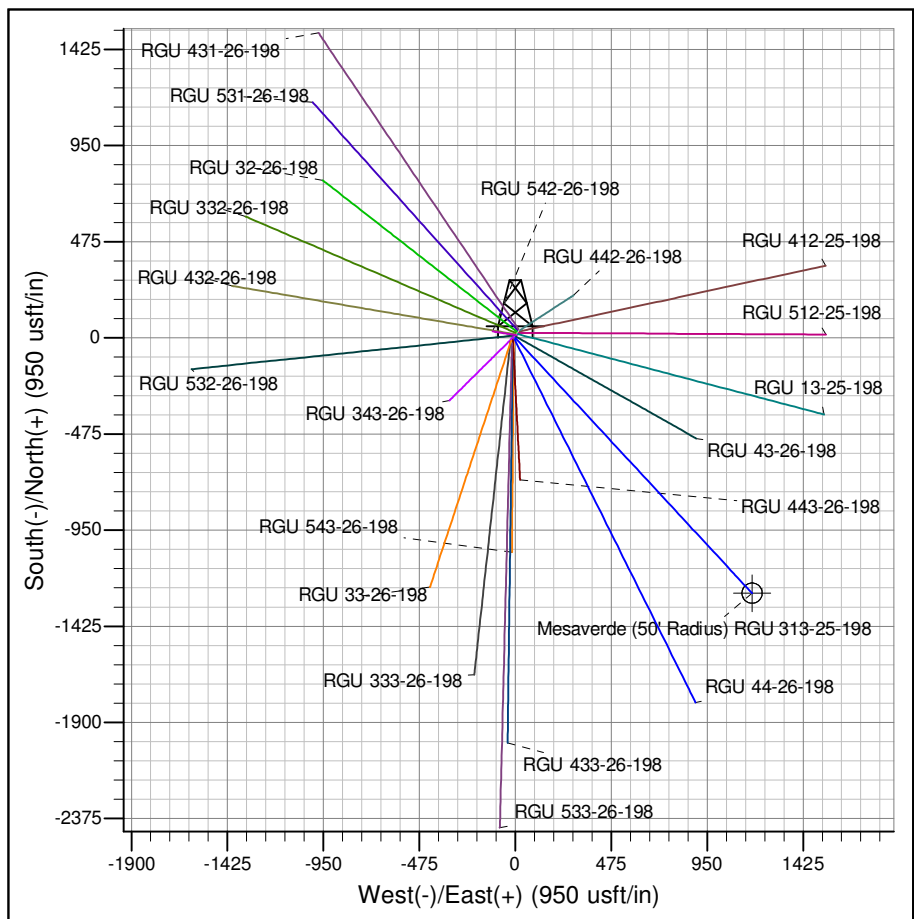
Well Name: RGU 313-25-198
Surface Location: RGU 42-26-198
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6622.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1778079.10000	2199598.60000	39.93512	-108.35456	A05

KELLY BUSHING @ 6643.00usft (Cyclone 29 (21' RKB) kjs)



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 2.50	
700.40	706.79	14.67	137.10	-54.72	50.86	74.71	74.71	Hold 14.67° Inc, 137.10° Az	
6515.67	6718.02	14.67	137.10	-1169.80	1087.23	1597.02	1597.02	Start Drop -1.50°/100	
7483.00	7695.99	0.00	0.00	-1261.00	1172.00	1721.54	1721.54	Vertical	
7683.00	7895.99	0.00	0.00	-1261.00	1172.00	1721.54	1721.54	Mesaverde	
12705.01	12918.00	0.00	0.00	-1261.00	1172.00	1721.54	1721.54	TD at 12918.99	



Azimuths to True North
Magnetic North: 10.36°

Magnetic Field
Strength: 52273.7snT
Dip Angle: 65.99°
Date: 1/24/2013
Model: IGRF2010

Project: RG 26-01S-098W
Site: RGU 42-26-198
Well: RGU 313-25-198
Design #2 12Aug14 mab