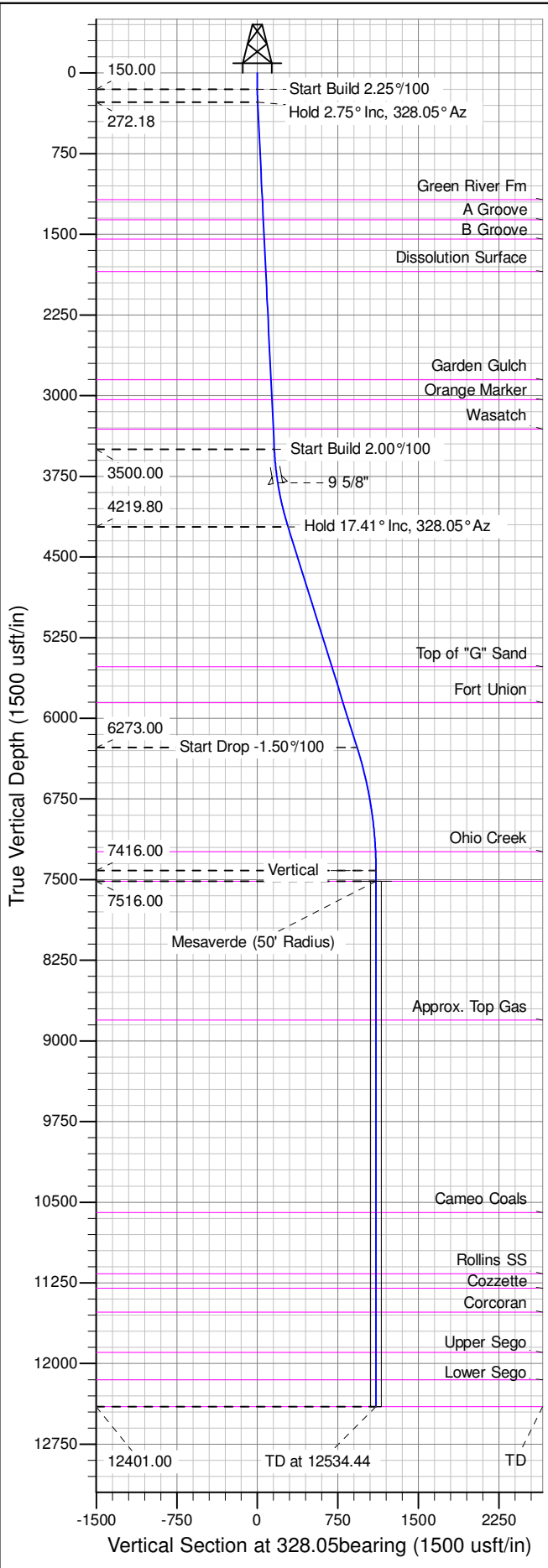
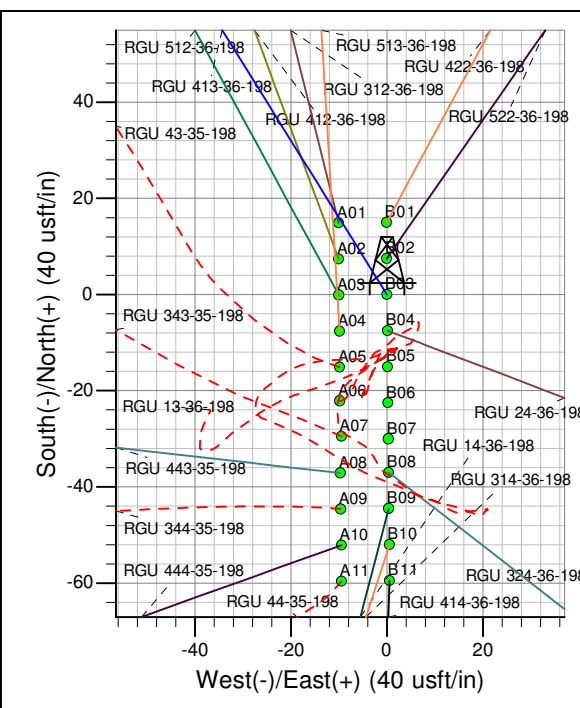
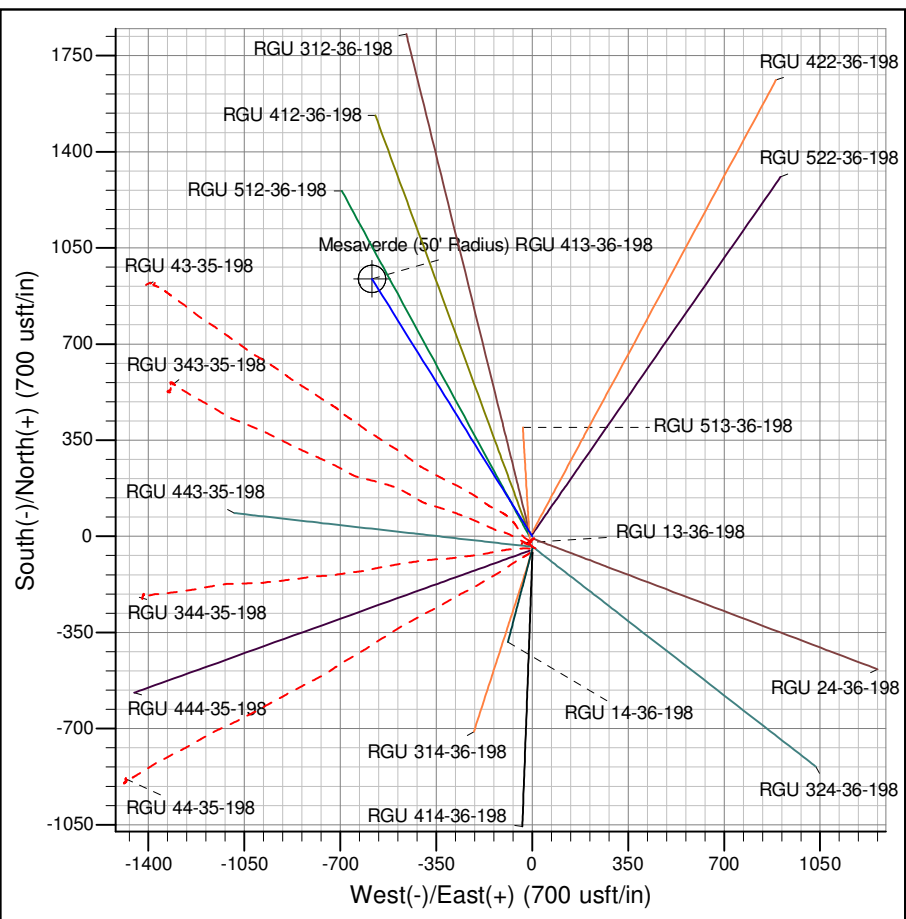




Well Name: RGU 413-36-198
Surface Location: RGU 13-36-198 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6680.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1771348.70 2201057.30 39.916778 -108.348612 B03
KELLY BUSHING @ 6706.00usft (Cyclone 29 (26' RKB) mab)



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	0.00	Start Build 2.25°/100	
272.18	272.22	2.75	328.05	2.49	-1.55	2.93	2.93	2.93	Hold 2.75° Inc, 328.05° Az	
3500.00	3503.77	2.75	328.05	134.04	-83.60	157.98	157.98	157.98	Start Build 2.00°/100	
4219.80	4236.86	17.41	328.05	242.63	-151.31	285.94	285.94	285.94	Hold 17.41° Inc, 328.05° Az	
6273.00	6388.65	17.41	328.05	788.98	-492.04	929.84	929.84	929.84	Start Drop -1.50°/100	
7416.00	7549.44	0.00	0.00	937.49	-584.66	1104.86	1104.86	1104.86	Vertical	
7516.00	7649.44	0.00	0.00	937.49	-584.66	1104.86	1104.86	1104.86	Mesaverde	
12401.00	12534.44	0.00	0.00	937.49	-584.66	1104.86	1104.86	1104.86	TD at 12534.44	



Azimuths to True North
Magnetic North: 10.14°

Magnetic Field
Strength: 52098.0snT
Dip Angle: 65.93°
Date: 9/18/2014
Model: IGRF2010

Project: RG 36-01S-098W
Site: RGU 13-36-198 Pad
Well: RGU 413-36-198
Design #1 18Sep14 mab