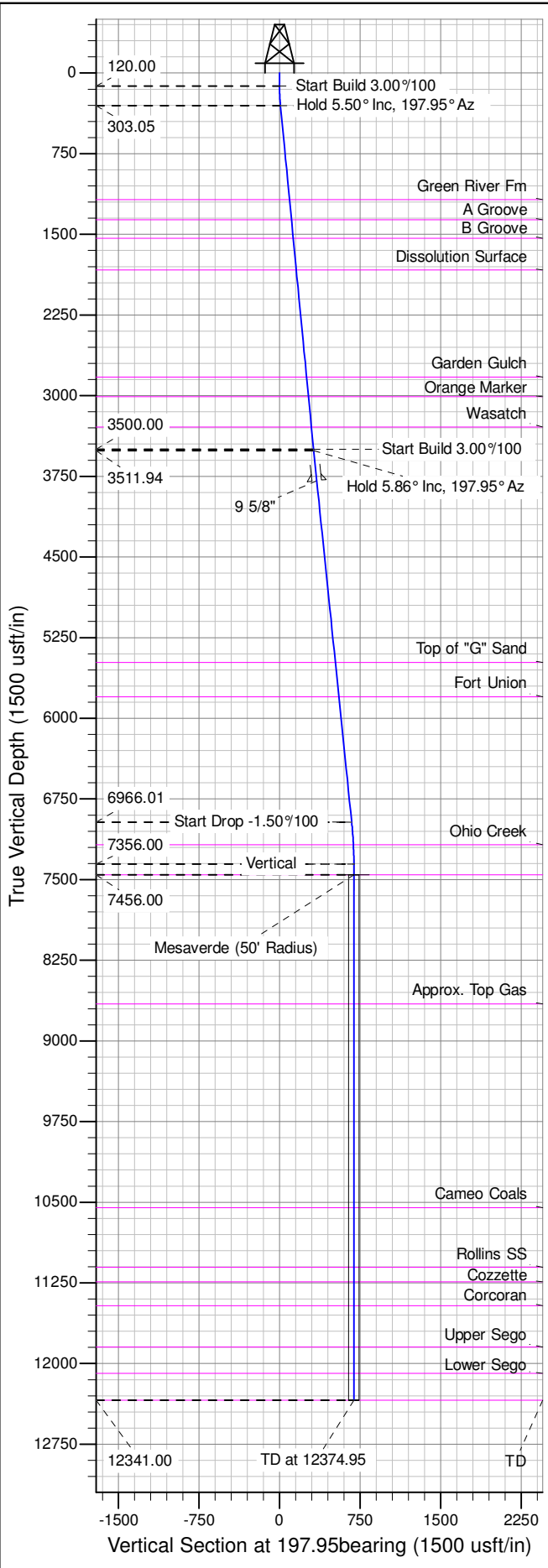
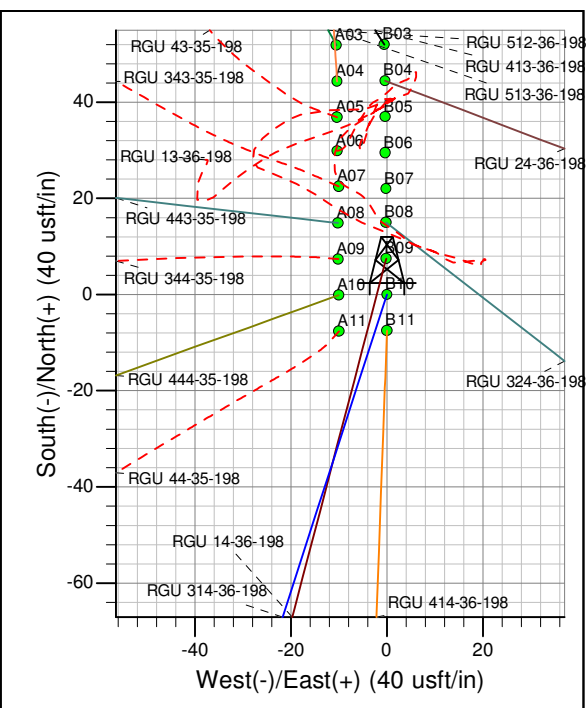
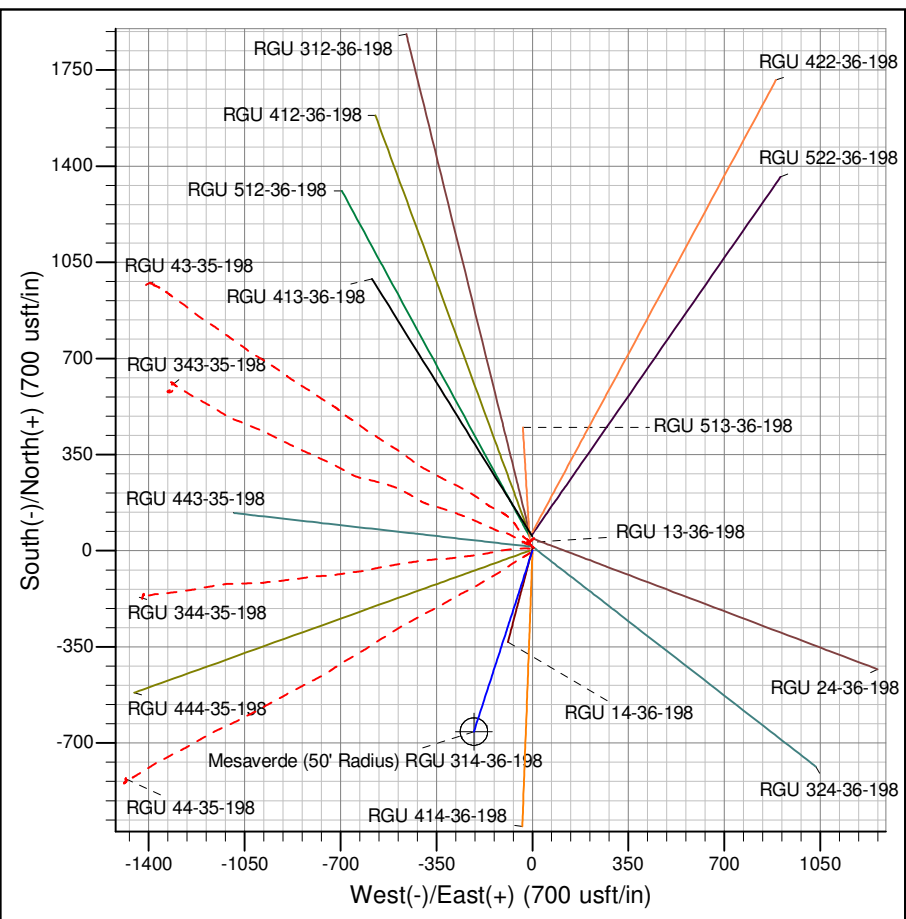




Well Name: RGU 314-36-198
Surface Location: RGU 13-36-198 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6680.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1771296.70 2201056.20 39.916635 -108.348611 B10
KELLY BUSHING @ 6706.00usft (Cyclone 29 (26' RKB) mab)



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	3.00%/100
303.05	303.33	5.50	197.95	-8.36	-2.71	8.79	8.79	Hold	5.50° Inc, 197.95° Az
3500.00	3515.07	5.50	197.95	-301.21	-97.58	316.62	316.62	Start Build	3.00%/100
3511.94	3527.07	5.86	197.95	-302.34	-97.95	317.81	317.81	Hold	5.86° Inc, 197.95° Az
6966.01	6999.28	5.86	197.95	-639.60	-207.20	672.32	672.32	Start Drop	-1.50%/100
7356.00	7389.95	0.00	0.00	-658.59	-213.35	692.28	692.28	Vertical	
7456.00	7489.95	0.00	0.00	-658.59	-213.35	692.28	692.28	Mesaverde	
12341.00	12374.95	0.00	0.00	-658.59	-213.35	692.28	692.28	TD at	12374.95



Azimuths to True North
Magnetic North: 10.14°

Magnetic Field
Strength: 52097.9snT
Dip Angle: 65.93°
Date: 9/18/2014
Model: IGRF2010

Project: RG 36-01S-098W
Site: RGU 13-36-198 Pad
Well: RGU 314-36-198
Design #1 18Sep14 mab