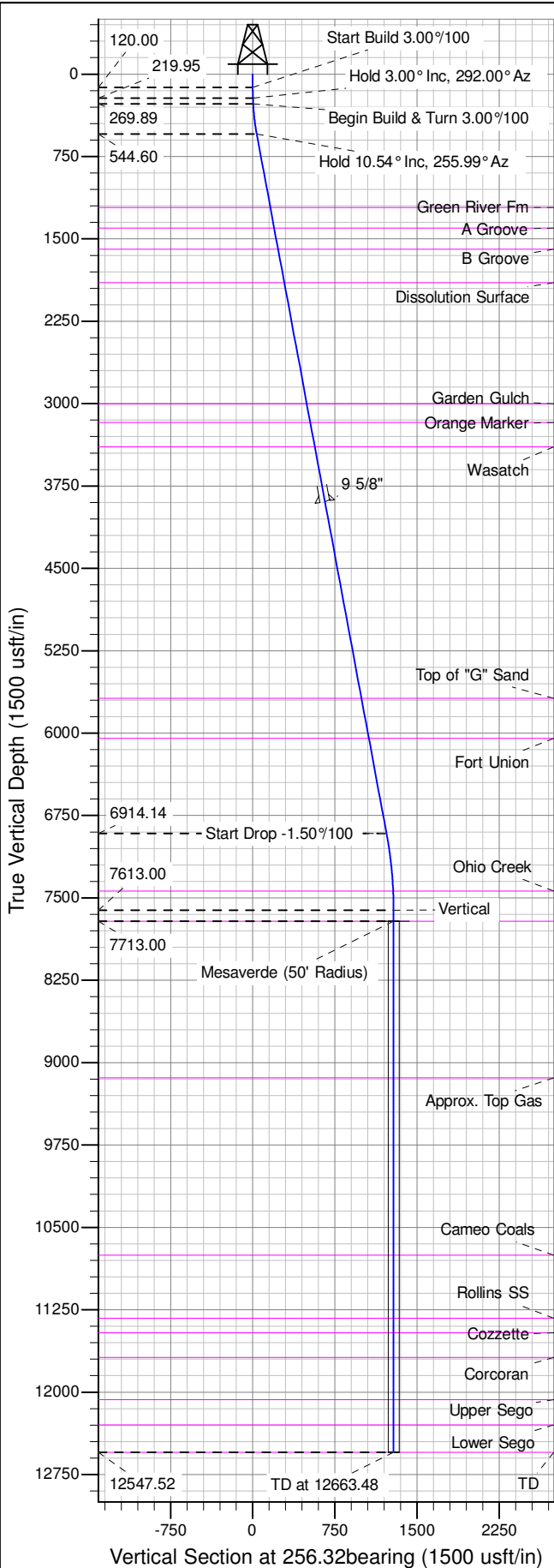
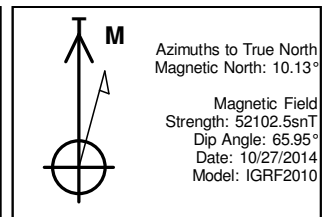
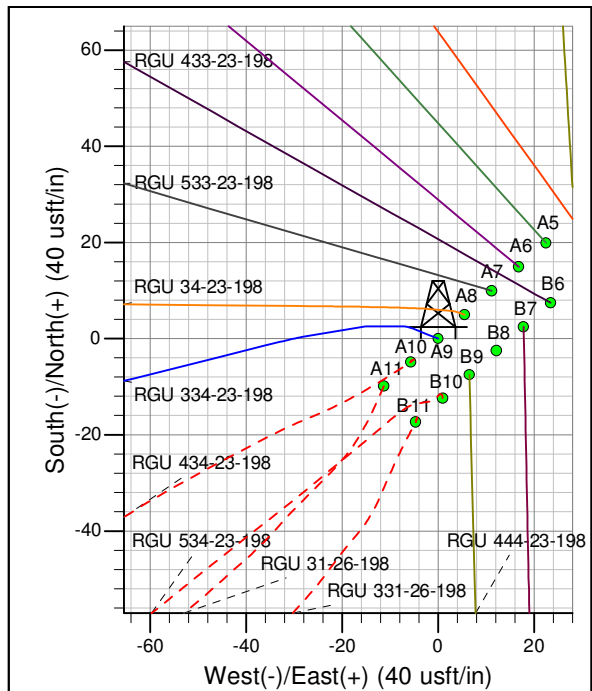
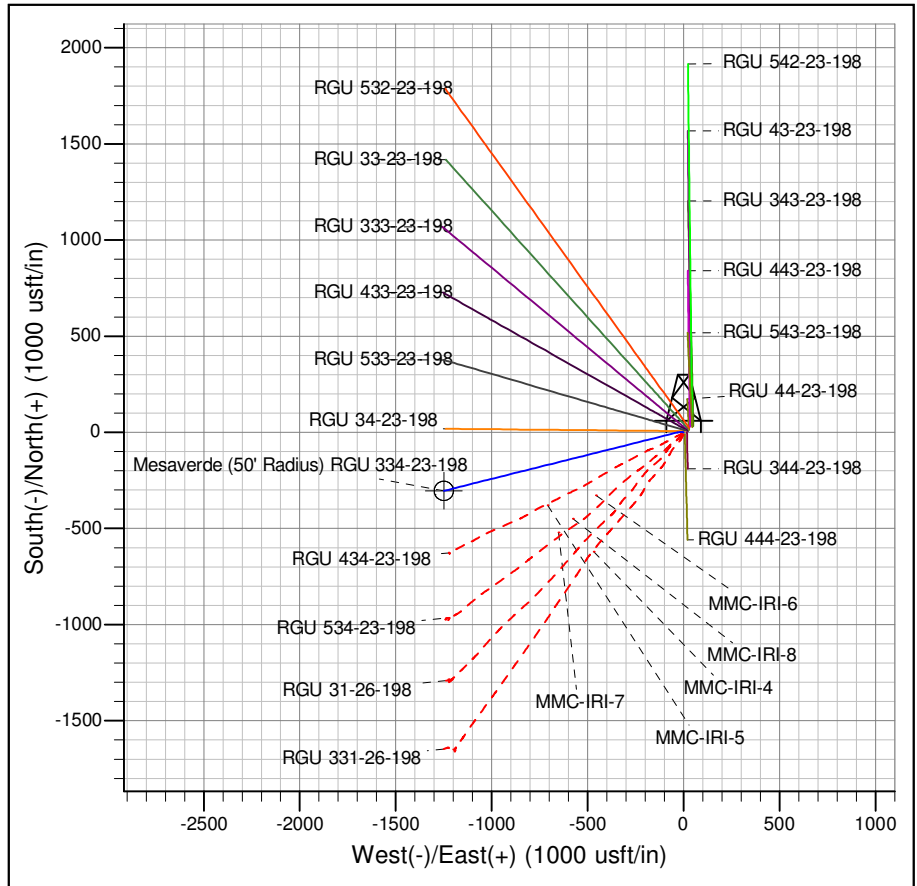




Well Name: RGU 334-23-198
Surface Location: RGU 43-23-198 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6567.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1781557.80000 2199945.00000 39.94469 -108.35372 A9
KB @ 6592.00usft (Aztec 1000)



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	0.00	Start Build 3.00%/100
219.95	220.00	3.00	292.00	0.98	-2.43	2.13	2.62	2.62	Hold 3.00° Inc, 292.00° Az
269.89	270.00	3.00	292.00	1.96	-4.85	4.25	5.23	5.23	Begin Build & Turn 3.00%/100
544.60	546.76	10.54	255.99	-1.46	-36.19	35.51	37.15	37.15	Hold 10.54° Inc, 255.99° Az
6914.14	7025.66	10.54	255.99	-288.41	-1186.31	1220.87	1222.53	1222.53	Start Drop -1.50%/100
7613.00	7728.48	0.00	0.00	-304.02	-1248.87	1285.34	1287.00	1287.00	Vertical
7713.00	7828.48	0.00	0.00	-304.02	-1248.87	1285.34	1287.00	1287.00	Mesaverde
12547.52	12663.00	0.00	0.00	-304.02	-1248.87	1285.34	1287.00	1287.00	TD at 12663.48



Magnetic Field
Strength: 52102.5snT
Dip Angle: 65.95°
Date: 10/27/2014
Model: IGRF2010

Project: RG 23-01S-098W
Site: RGU 43-23-198 Pad
Well: RGU 334-23-198
Design #4 14Nov14 mab