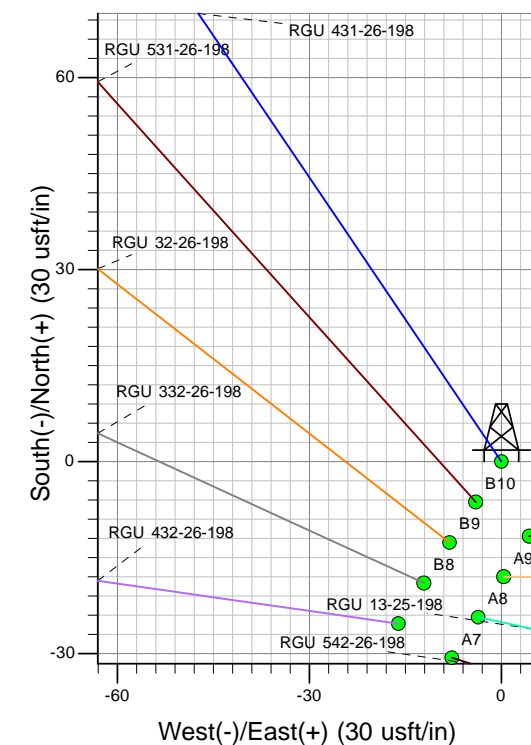
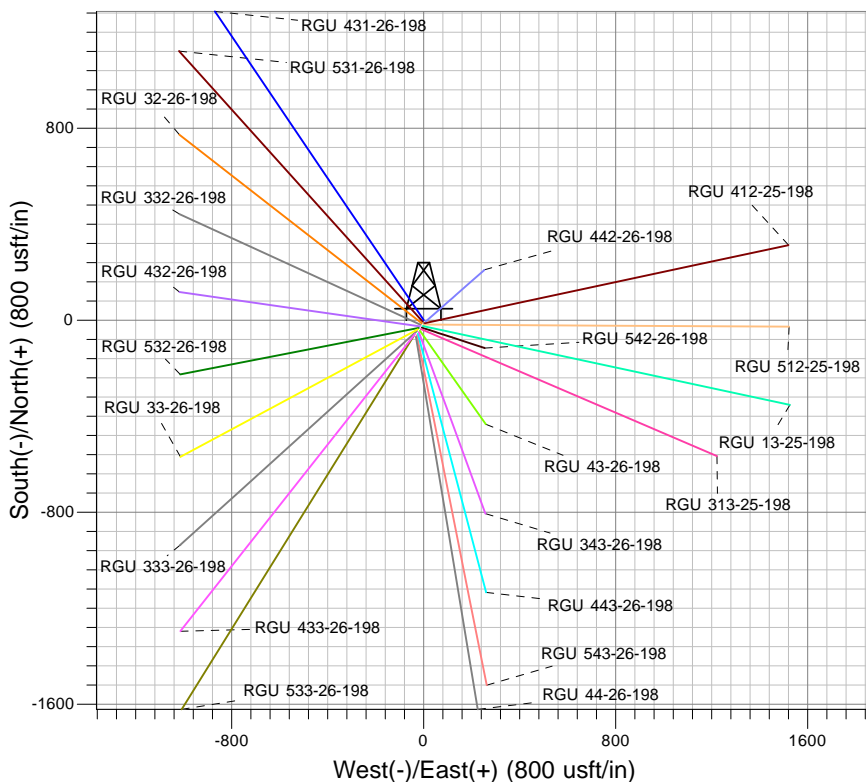
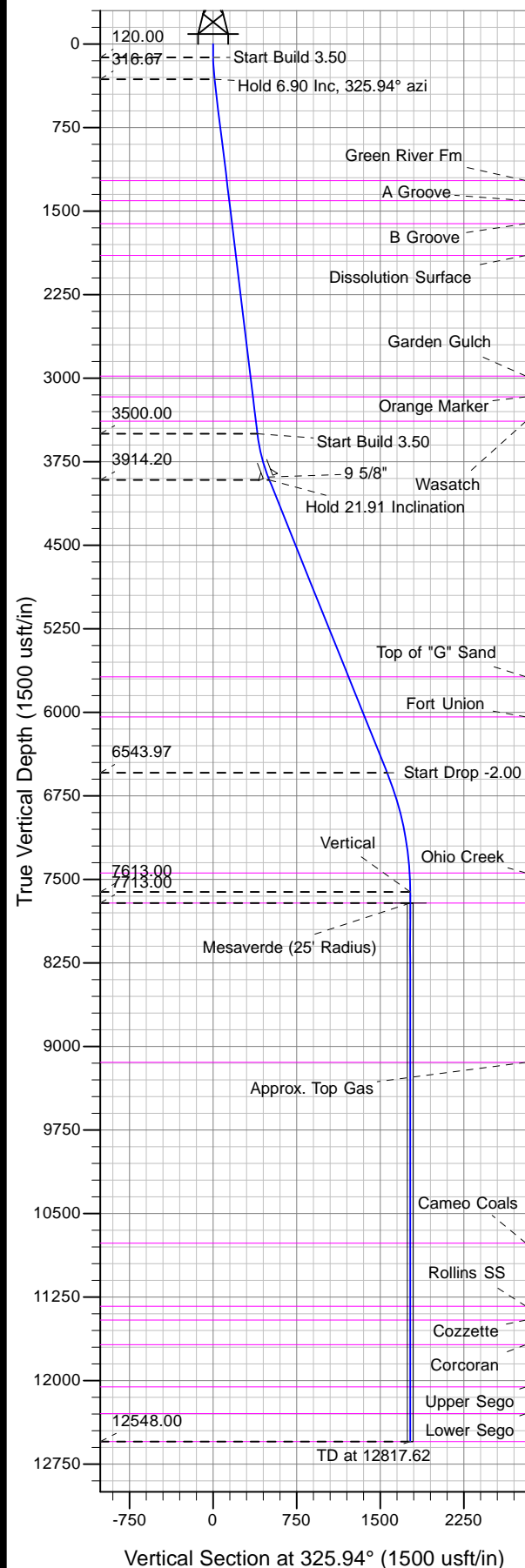




Well Name: RGU 431-26-198  
Surface Location: RGU 42-26-198  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
Ground Elevation: 6622.00  
+N/-S 0.00 +E/-W 0.00 Northing 1778121.90 Easting 2199615.70 Latitude 39.93524 Longitude -108.35451 Slot B11  
KELLY BUSHING @ 6643.00usft (Cyclone 29 (21' RKB) kjs)



Project: RG 26-01S-098W  
Site: RGU 42-26-198  
Well: RGU 431-26-198  
Design #1 24Jan13 kjs

Compass rose showing True North (T) and Magnetic North (M).  
Azimuths to True North  
Magnetic North: 10.36°  
Magnetic Field  
Strength: 52273.7nT  
Dip Angle: 65.99°  
Date: 1/24/2013  
Model: IGRF2010

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.50	
317.14	6.90	325.94	316.67	9.82	-6.64	11.86	11.86	Hold 6.90 Inc, 325.94° azi	
3523.70	6.90	325.94	3500.00	328.96	-222.39	397.08	397.08	Start Build 3.50	
3952.58	21.91	325.94	3914.20	417.10	-281.98	503.47	503.47	Hold 21.91 Inclination	
6787.09	21.91	325.94	6543.97	1293.33	-874.44	1561.20	1561.20	Start Drop -2.00	
7882.62	0.00	0.00	7613.00	1464.76	-990.34	1768.13	1768.13	Vertical	
7982.62	0.00	0.00	7713.00	1464.76	-990.34	1768.13	1768.13	Mesaverde	
12817.62	0.00	0.00	12548.00	1464.76	-990.34	1768.13	1768.13	TD at 12817.62	