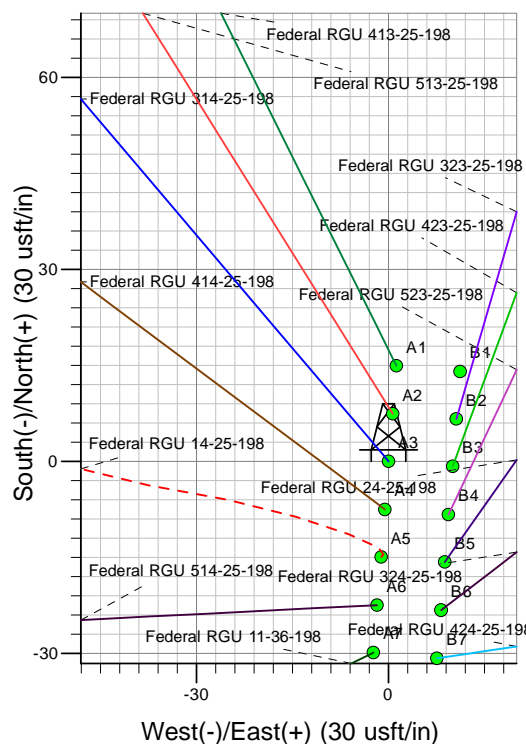
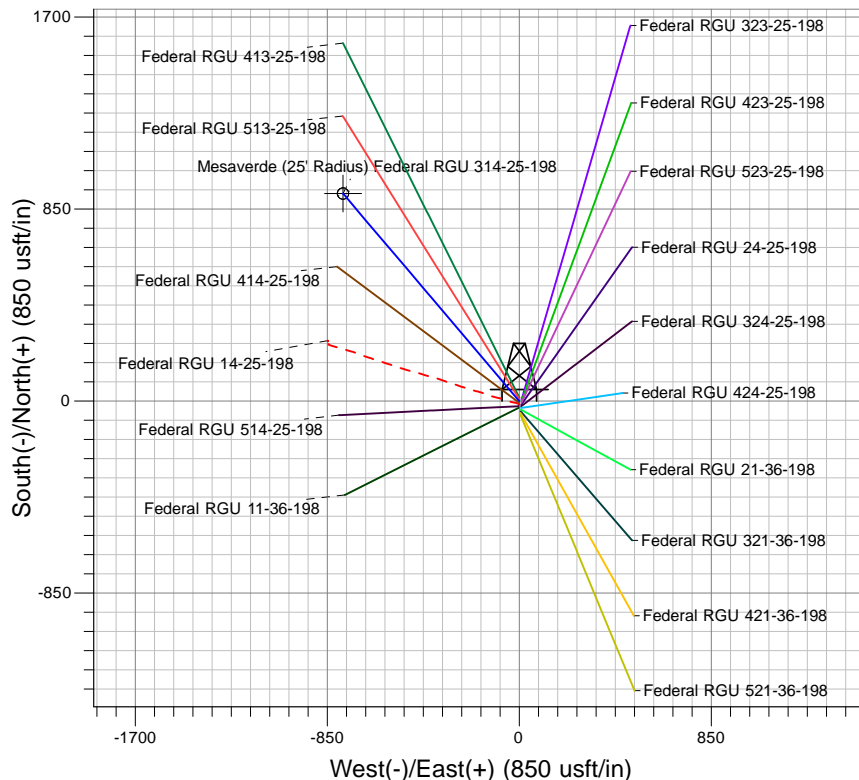
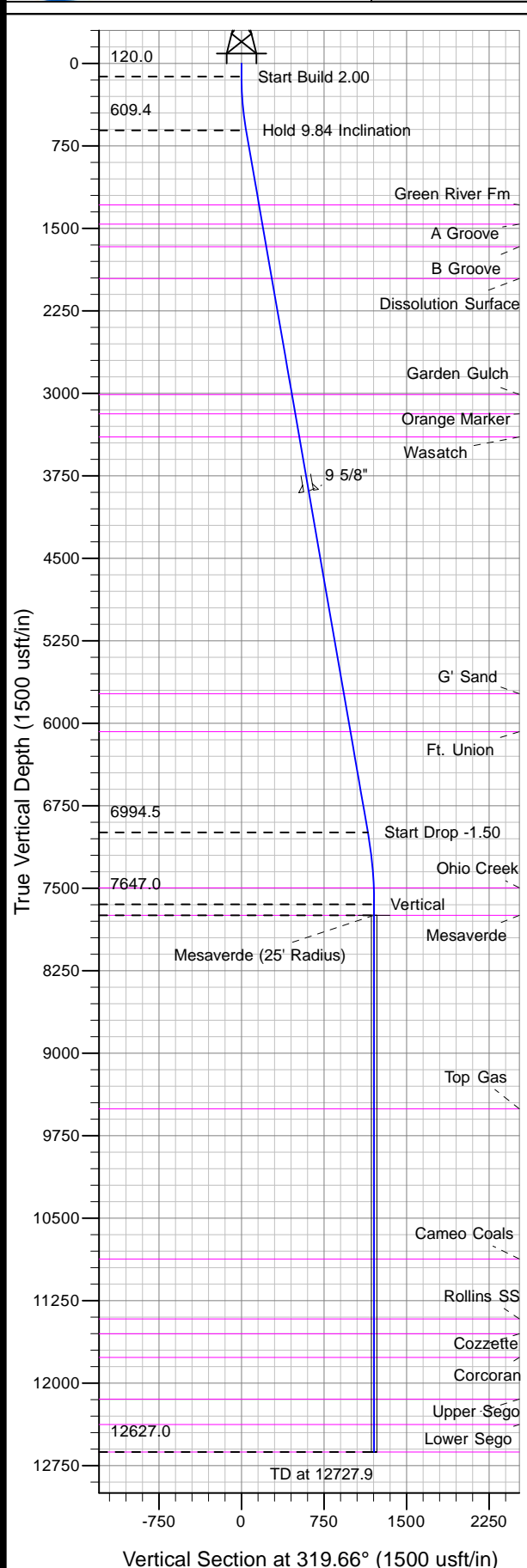




Well Name: Federal RGU 314-25-198
Surface Location: RGU 24-25-198 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6685.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1775450.20 2201838.00 39° 55' 41.154 N 108° 20' 46.640 W A3
KELLY BUSHING @ 6707.0usft (Frontier 10 (22' RKB) kjs)



Project: RG 25-01S-098W
Site: RGU 24-25-198 Pad
Well: Federal RGU 314-25-198
Plan #2 28Mar11 kjs

Azimuths to True North
Magnetic North: 11.10°
Magnetic Field
Strength: 52878.4snT
Dip Angle: 66.15°
Date: 3/21/2007
Model: IGRF2005-10

ANNOTATIONS

| TVD | MD | Inc | Azi | +N/-S | +E/-W | VSec | Departure | Annotation |
|---------|---------|------|--------|-------|--------|--------|-----------|-----------------------|
| 120.0 | 120.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | Start Build 2.00 |
| 609.4 | 611.8 | 9.84 | 319.66 | 32.1 | -27.3 | 42.1 | 42.1 | Hold 9.84 Inclination |
| 6994.5 | 7092.2 | 9.84 | 319.66 | 875.9 | -743.9 | 1149.1 | 1149.1 | Start Drop -1.50 |
| 7647.0 | 7747.9 | 0.00 | 0.00 | 918.7 | -780.2 | 1205.3 | 1205.3 | Vertical |
| 7747.0 | 7847.9 | 0.00 | 0.00 | 918.7 | -780.2 | 1205.3 | 1205.3 | Mesaverde |
| 12627.0 | 12727.9 | 0.00 | 0.00 | 918.7 | -780.2 | 1205.3 | 1205.3 | TD at 12727.9 |