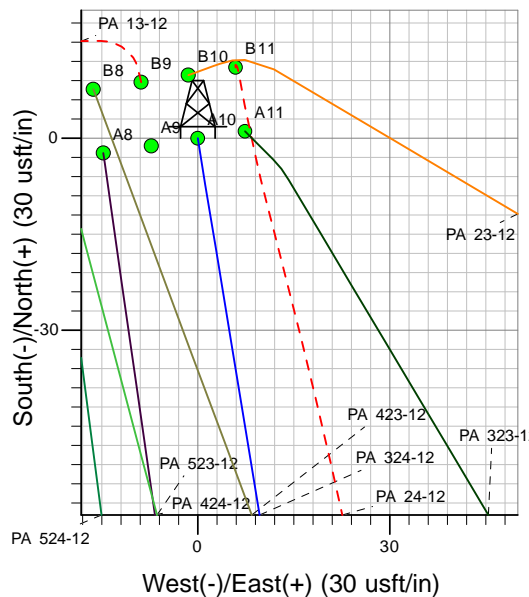
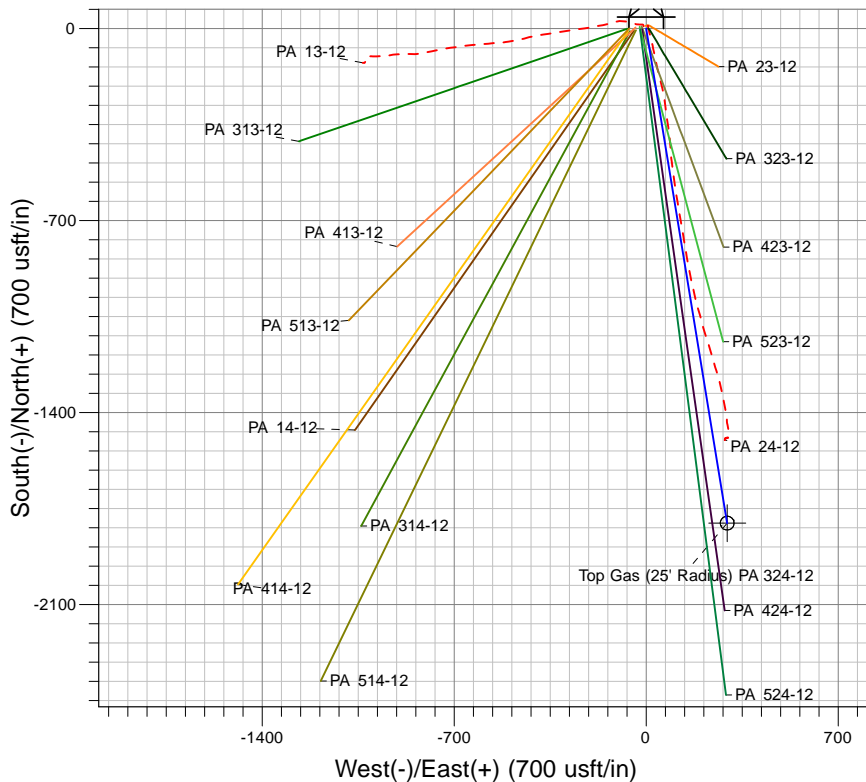
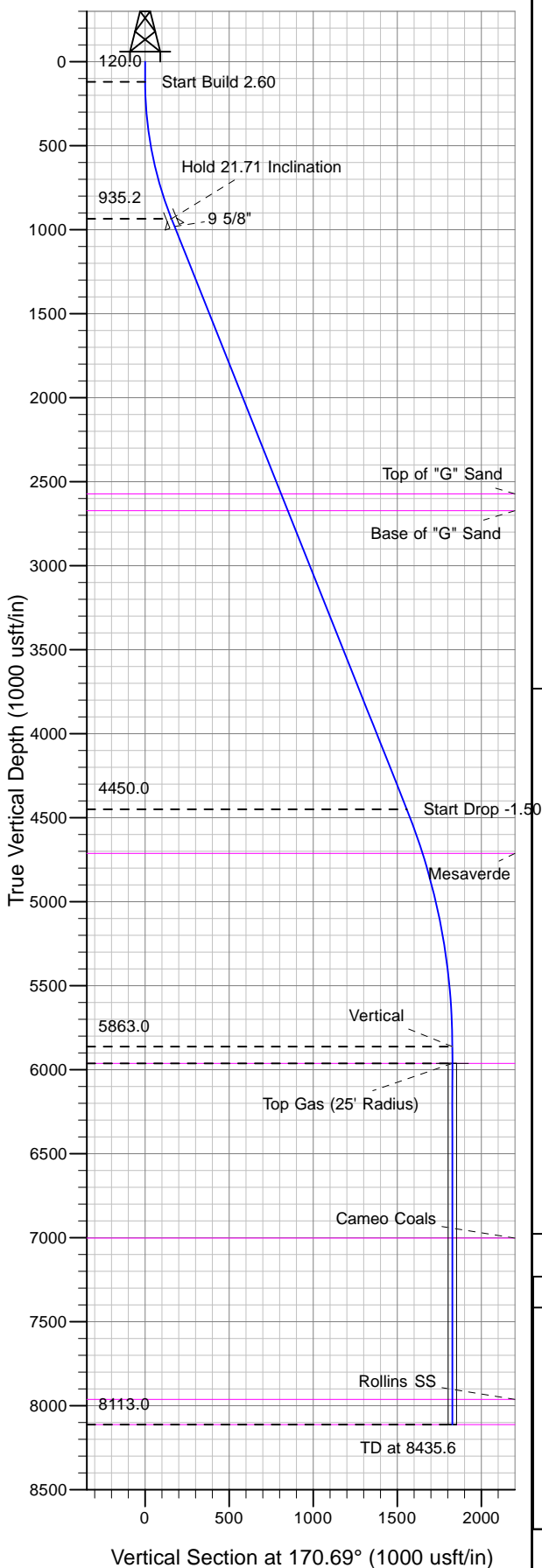




Well Name: PA 324-12
Surface Location: PA 23-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6507.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1598875.70 2308325.10 39° 27' 7.485 N 107° 56' 59.186 W A10
KELLY BUSHING @ 6533.0usft ((26' RKB) kjs)



Project: PA 12-07S-095W
Site: PA 23-12 Pad
Well: PA 324-12
Plan #2 13Aug10 kjs

Azimuths to True North
Magnetic North: 10.83°
Magnetic Field
Strength: 52653.7snT
Dip Angle: 65.83°
Date: 6/5/2007
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 2.60 |
| 935.2 | 955.0 | 21.71 | 170.69 | -154.3 | 25.3 | 156.3 | 156.3 | Hold 21.71 Inclination |
| 4450.0 | 4738.2 | 21.71 | 170.69 | -1535.3 | 251.7 | 1555.8 | 1555.8 | Start Drop -1.50 |
| 5863.0 | 6185.6 | 0.00 | 0.00 | -1802.7 | 295.5 | 1826.7 | 1826.7 | Vertical |
| 5963.0 | 6285.6 | 0.00 | 0.00 | -1802.7 | 295.5 | 1826.7 | 1826.7 | Top Gas |
| 8113.0 | 8435.6 | 0.00 | 0.00 | -1802.7 | 295.5 | 1826.7 | 1826.7 | TD at 8435.6 |