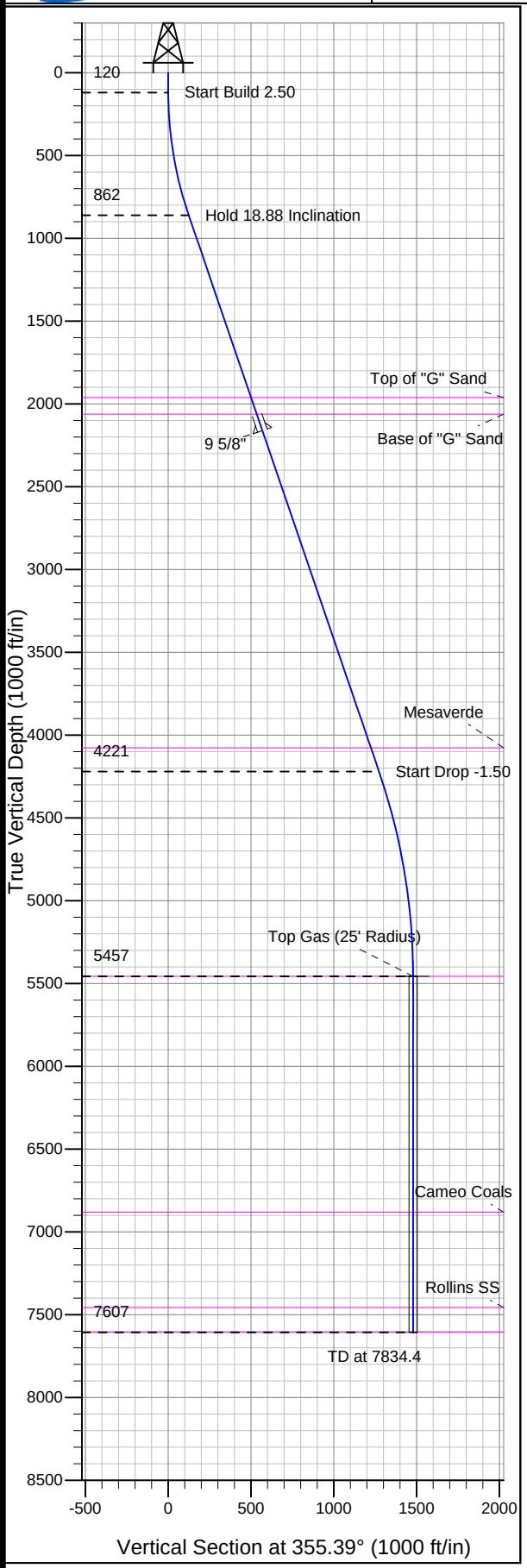
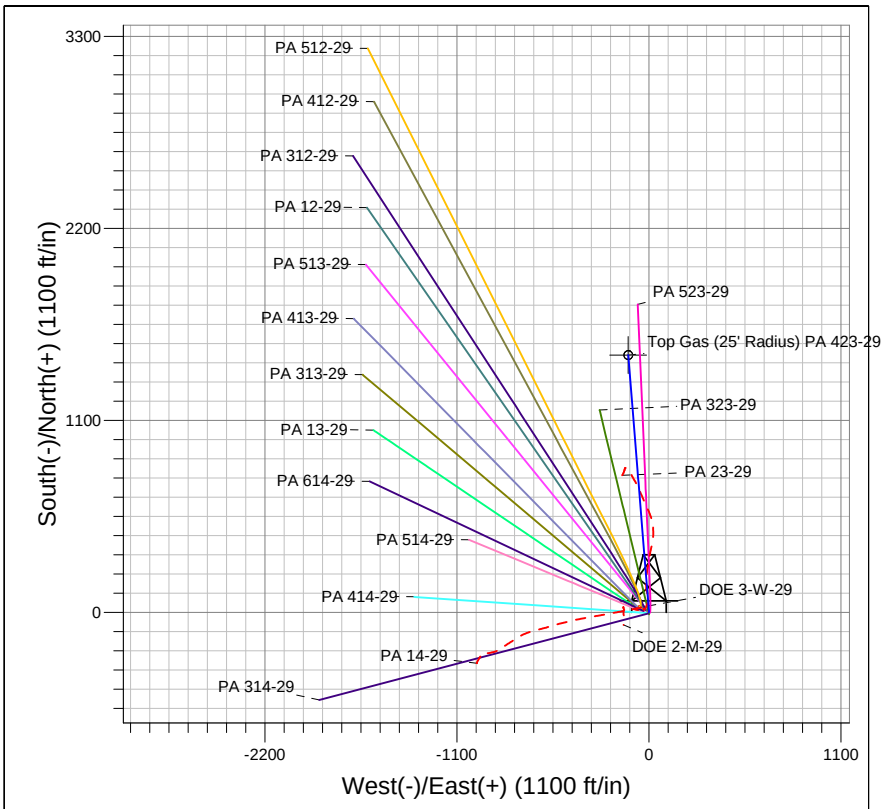
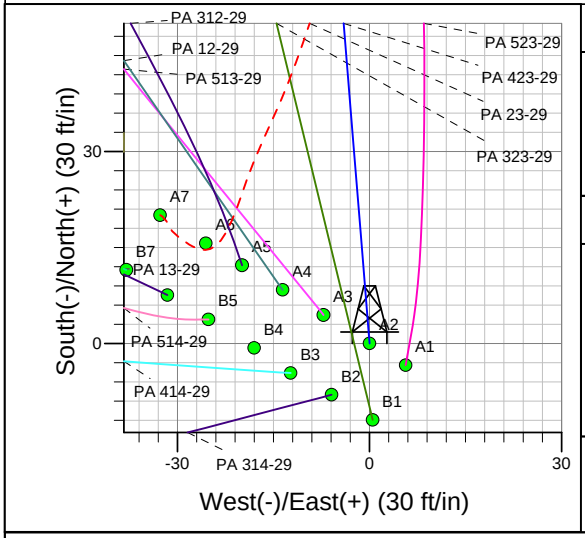
Well Name: PA 423-29
Surface Location: DOE 3-W-29 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5676.0

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 1613210.15 | 2288018.75 | 39° 29' 23.617 N | 108° 1' 23.045 W | A2 |

WELL @ 5702.0ft (Nabors 577 (26') kjs)




Project: PA 29-06S-095W
Site: DOE 3-W-29 Pad
Well: PA 423-29
Plan #1 05Feb09 kjs

Azimuths to True North
Magnetic North: 11.47°

Magnetic Field
Strength: 53090.0snT
Dip Angle: 65.98°
Date: 12/31/2004
Model: IGRF2000

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 120.0 | 0.00 | 0.00 | 120.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 875.4 | 18.89 | 355.39 | 861.8 | 123.0 | -9.9 | 2.50 | 355.39 | 123.4 | |
| 4 | 4425.3 | 18.89 | 355.39 | 4220.6 | 1268.3 | -102.2 | 0.00 | 0.00 | 1272.4 | |
| 5 | 5684.4 | 0.00 | 0.00 | 5457.0 | 1473.3 | -118.7 | 1.50 | 180.00 | 1478.1 | Top Gas (25' Radius) PA 423-29 |
| 6 | 7834.4 | 0.00 | 0.00 | 7607.0 | 1473.3 | -118.7 | 0.00 | 0.00 | 1478.1 | |

ANNOTATIONS

| TVD | MD | Annotation |
|---|---|---|
| 120.0 | 120.0 | Start Build 2.50 |
| 861.8 | 875.4 | Hold 18.88 Inclination |
| 4220.6 | 4425.3 | Start Drop -1.50 |
| 5457.0 | 5684.4 | Top Gas |
| 7607.0 | 7834.4 | TD at 7834.4 |