



+N/-S  
0.0

+E/-W  
0.0

Northing  
1603461.40

Well Name: PA 343-5  
Surface Location: GV 80-4 Pad

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

Ground Elevation: 5586.0

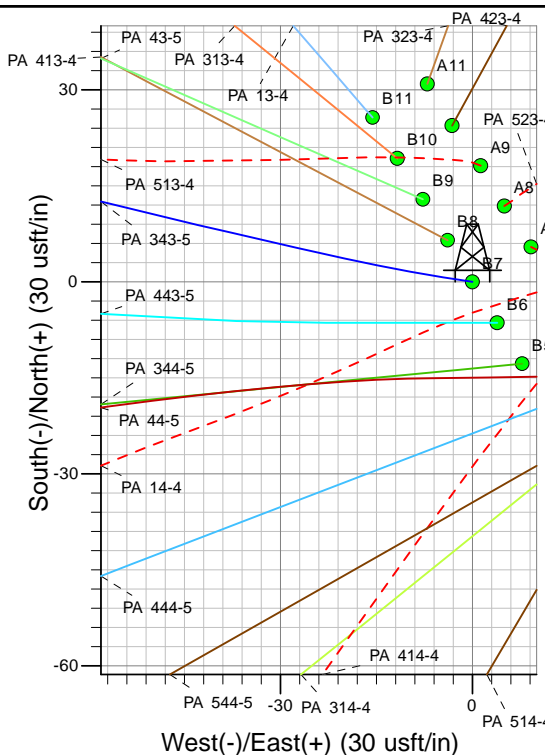
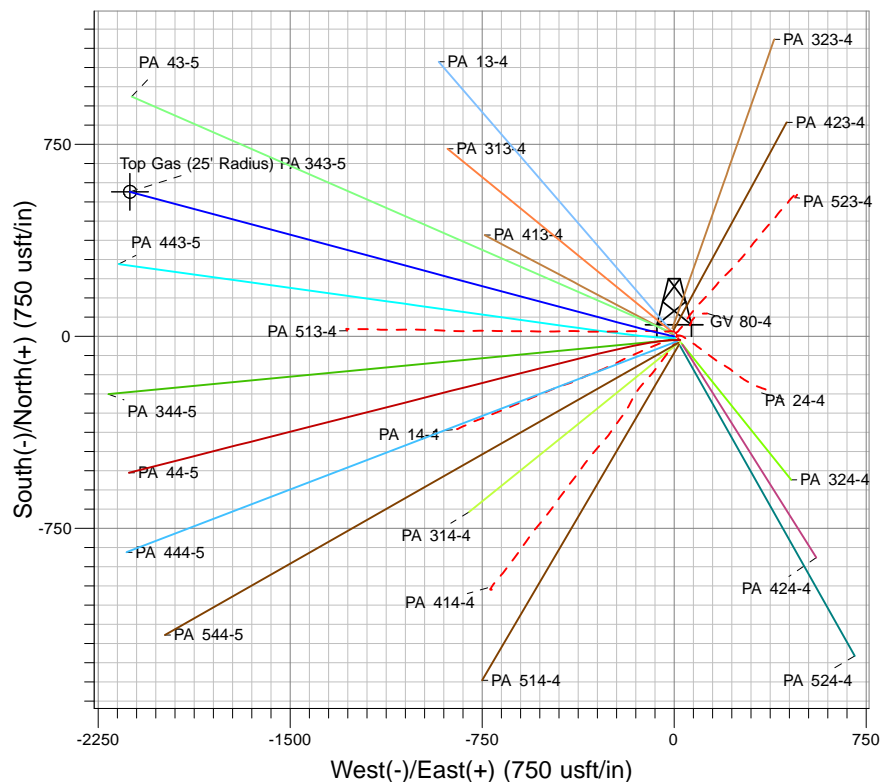
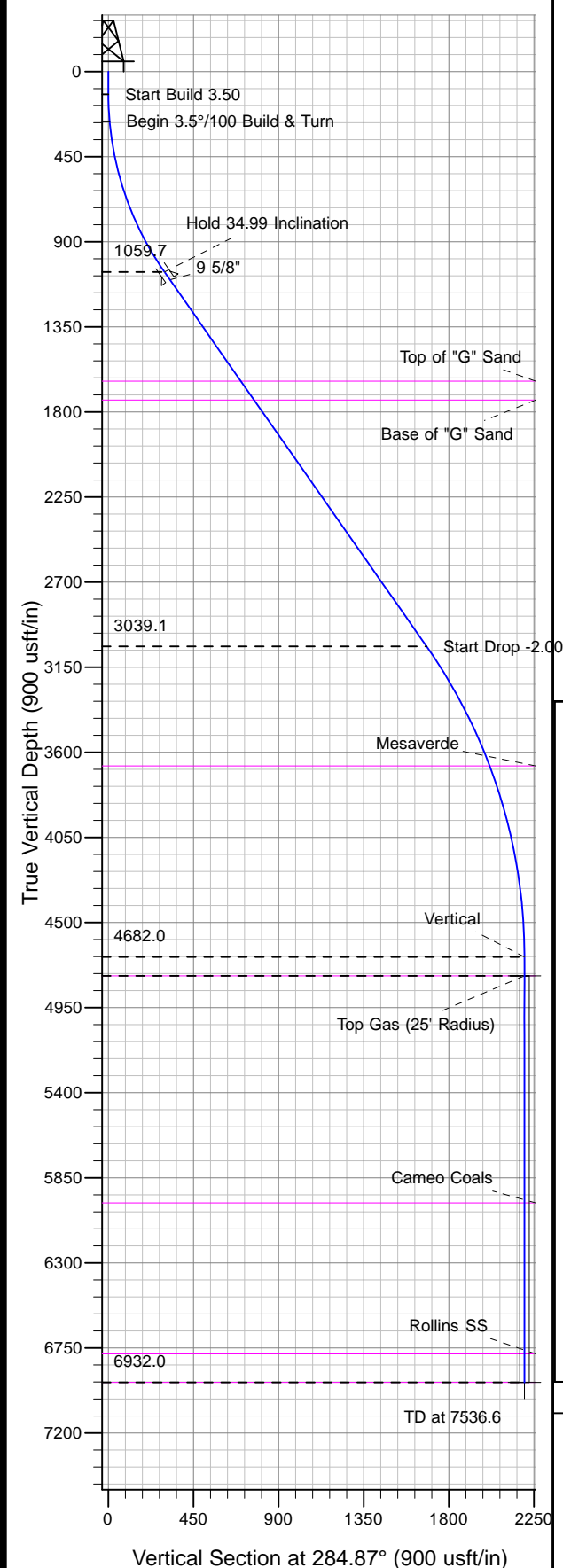
Easting  
2292314.90

Latitude  
39° 27' 48.475 N

Longitude  
108° 0' 24.834 W

Slot  
B7

KELLY BUSHING @ 5612.0usft (Nabors SSD (26' RKB) kjs)



Project: PA 04-07S-095W  
Site: GV 80-4 Pad  
Well: PA 343-5  
Plan #2 26Apr10 kjs



Azimuths to True North  
Magnetic North: 10.80°  
Magnetic Field  
Strength: 52618.3snT  
Dip Angle: 65.82°  
Date: 11/7/2007  
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 3.50
262.7	262.9	5.00	279.00	1.0	-6.2	6.2	6.2	Begin 3.5°/100 Build & Turn
1059.7	1120.7	34.99	284.99	72.1	-287.1	296.0	296.1	Hold 34.99 Inclination
3039.1	3537.0	34.99	284.99	430.5	-1625.6	1681.7	1681.8	Start Drop -2.00
4682.0	5286.6	0.00	0.00	564.5	-2125.9	2199.5	2199.6	Vertical
4782.0	5386.6	0.00	0.00	564.5	-2125.9	2199.5	2199.6	Top Gas
6932.0	7536.6	0.00	0.00	564.5	-2125.9	2199.5	2199.6	TD at 7536.6