



Well Name: PA 424-12

Surface Location: PA 23-12 Pad

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

Ground Elevation: 6507.0

+N/-S  
0.0

+E/-W  
0.0

Northing  
1598873.80

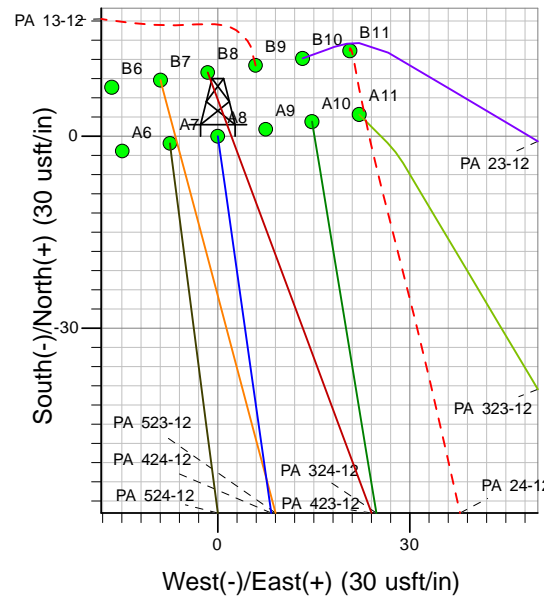
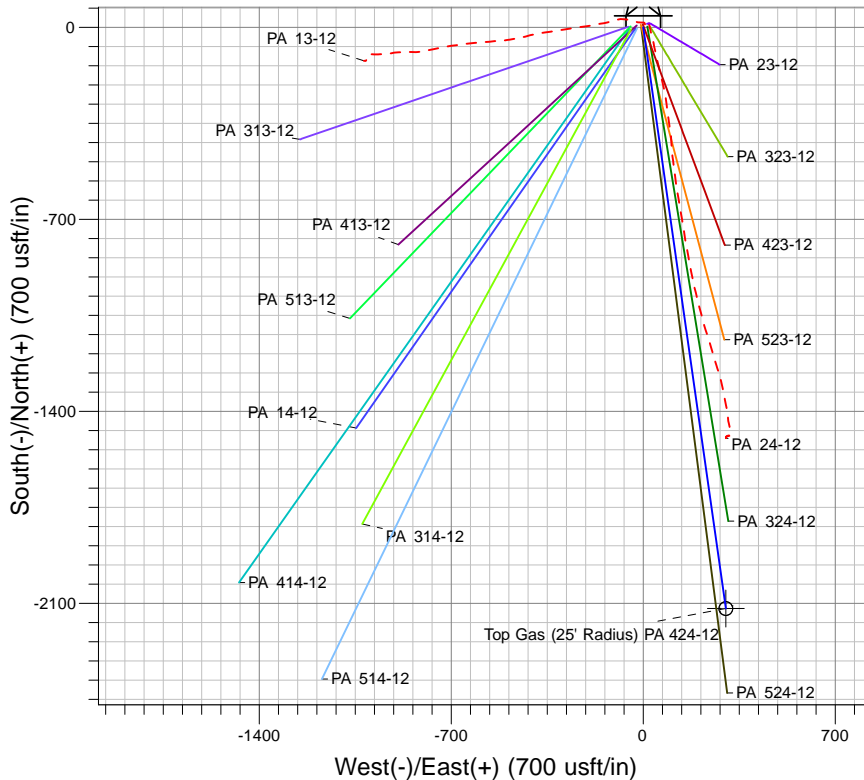
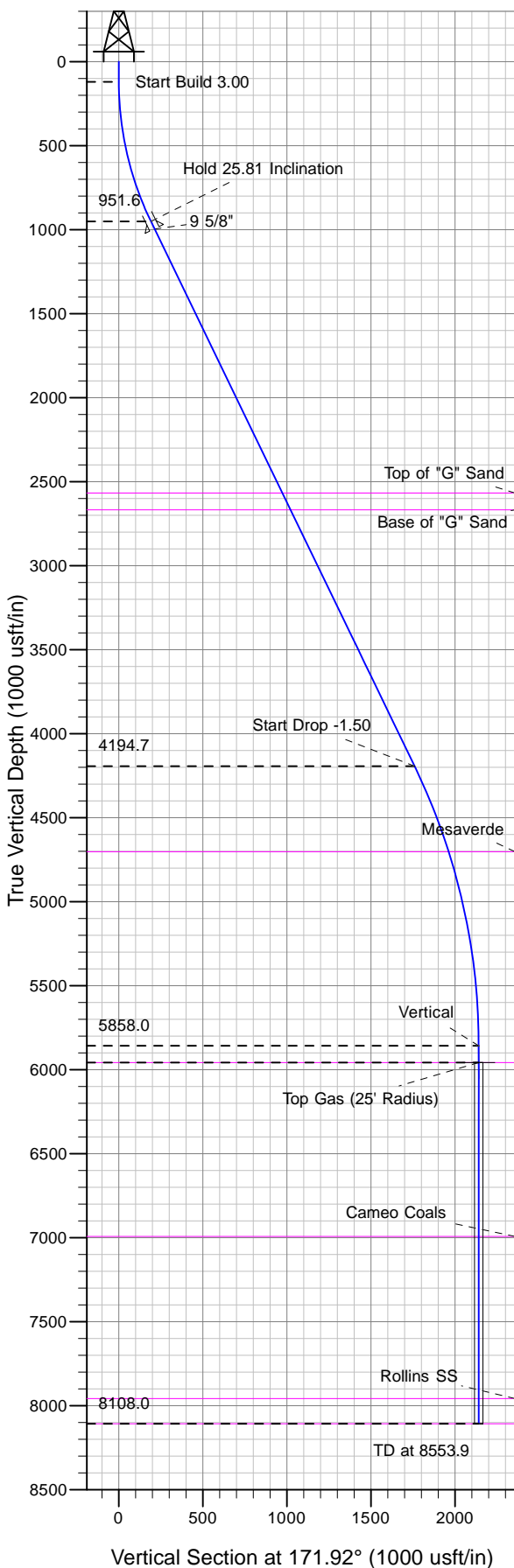
Easting  
2308310.30

Latitude  
39° 27' 7.462 N

Longitude  
107° 56' 59.374 W

Slot  
A8

KELLY BUSHING @ 6533.0usft ((26' RKB) kjs)



Project: PA 12-07S-095W  
Site: PA 23-12 Pad  
Well: PA 424-12  
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 3.00
951.6	980.4	25.81	171.92	-188.7	26.8	190.6	190.6	Hold 25.81 Inclination
4194.7	4583.0	25.81	171.92	-1741.8	247.4	1759.3	1759.3	Start Drop -1.50
5858.0	6303.9	0.00	0.00	-2119.2	301.0	2140.4	2140.4	Vertical
5958.0	6403.9	0.00	0.00	-2119.2	301.0	2140.4	2140.4	Top Gas
8108.0	8553.9	0.00	0.00	-2119.2	301.0	2140.4	2140.4	TD at 8553.9