



+N/-S  
0.0

+E/-W  
0.0

Northing  
1598872.90

Well Name: PA 524-12

Surface Location: PA 23-12 Pad

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

Ground Elevation: 6507.0

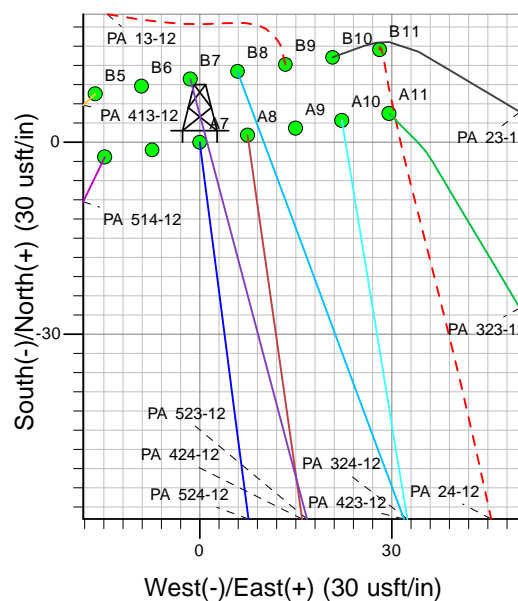
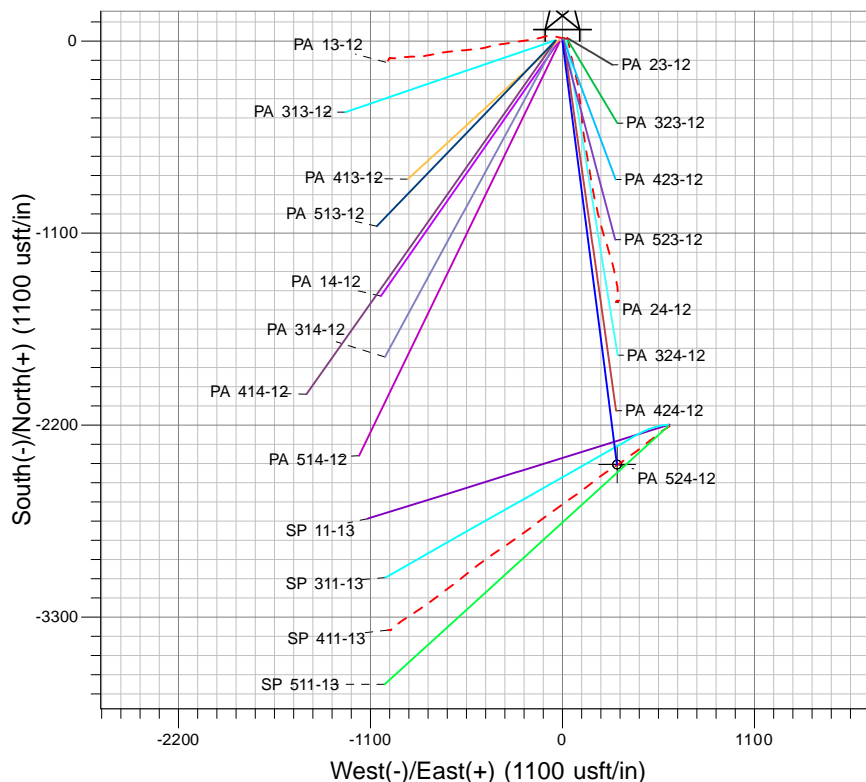
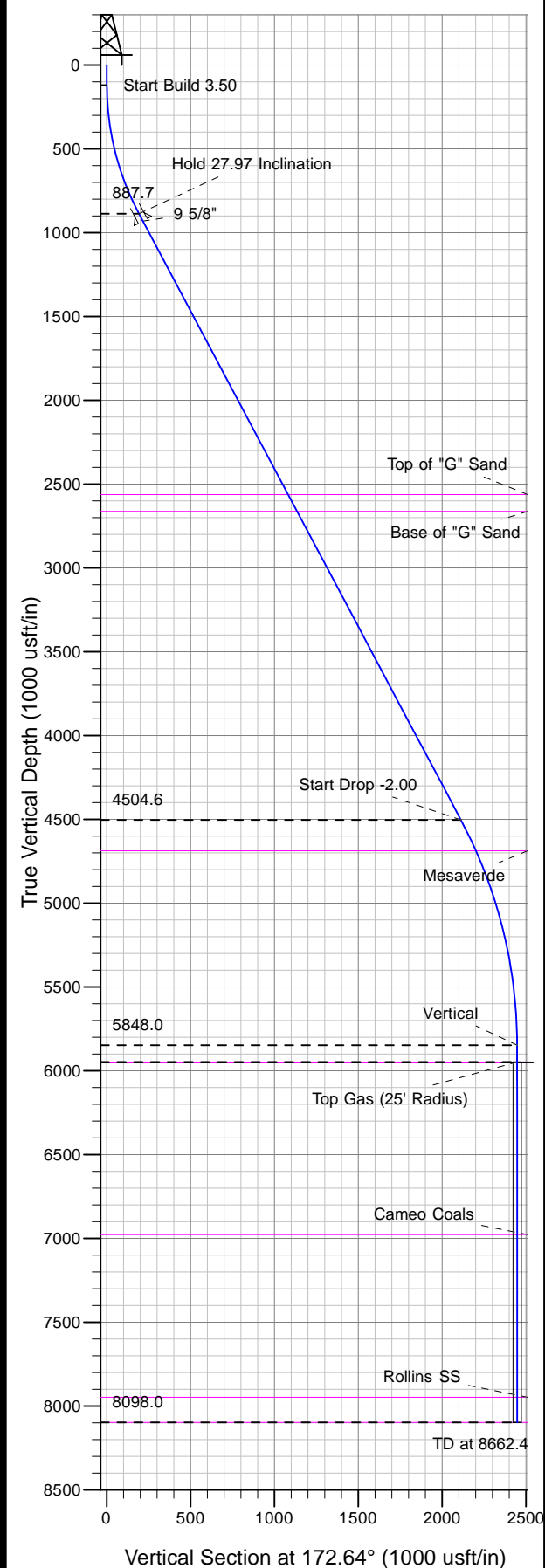
Easting  
2308302.80

Latitude  
39° 27' 7.451 N

Longitude  
107° 56' 59.469 W

Slot  
A7

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



Project: PA 12-07S-095W  
Site: PA 23-12 Pad  
Well: PA 524-12  
Plan #2 16Aug10 kjs

↑ T M  
↑ A  
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 3.50
887.7	919.0	27.97	172.64	-189.6	24.5	191.2	191.2	Hold 27.97 Inclination
4504.6	5014.1	27.97	172.64	-2094.1	270.7	2111.5	2111.5	Start Drop -2.00
5848.0	6412.4	0.00	0.00	-2425.8	313.5	2446.0	2446.0	Vertical
5948.0	6512.4	0.00	0.00	-2425.8	313.5	2446.0	2446.0	Top Gas
8098.0	8662.4	0.00	0.00	-2425.8	313.5	2446.0	2446.0	TD at 8662.4