



+N/-S
0.0

+E/-W
0.0

Northing
1598883.80

Easting
2308309.00

Latitude
39° 27' 7.561 N

Longitude
107° 56' 59.394 W

Slot
B8

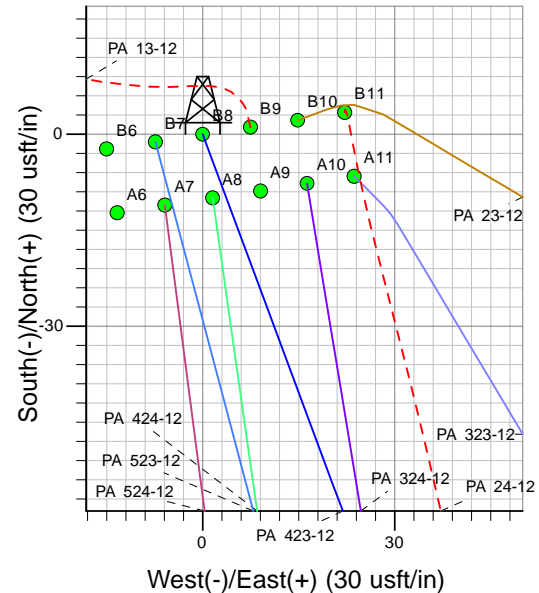
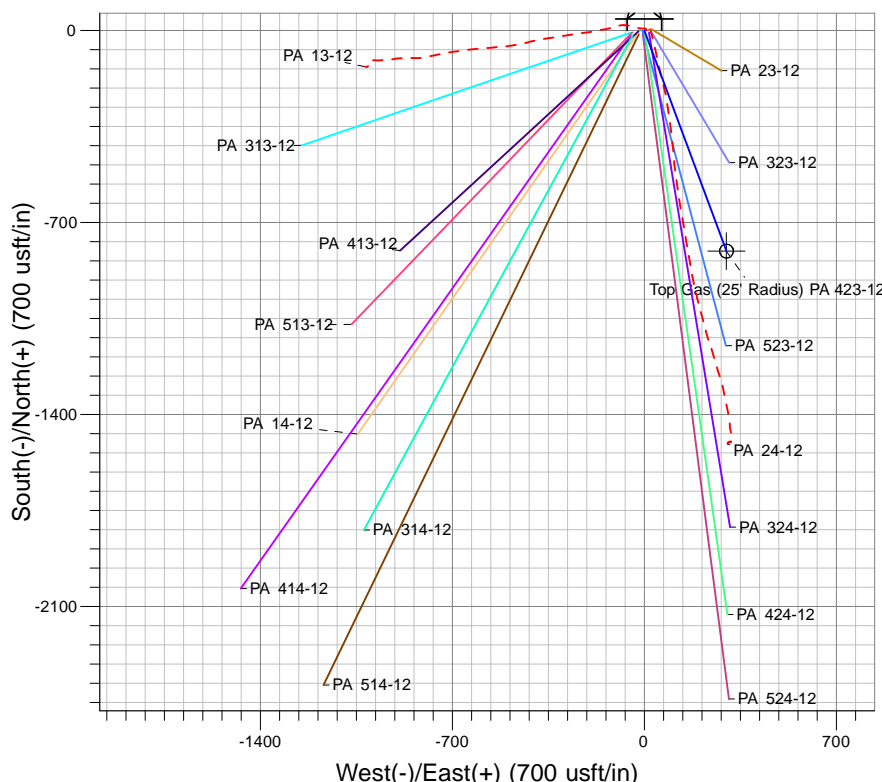
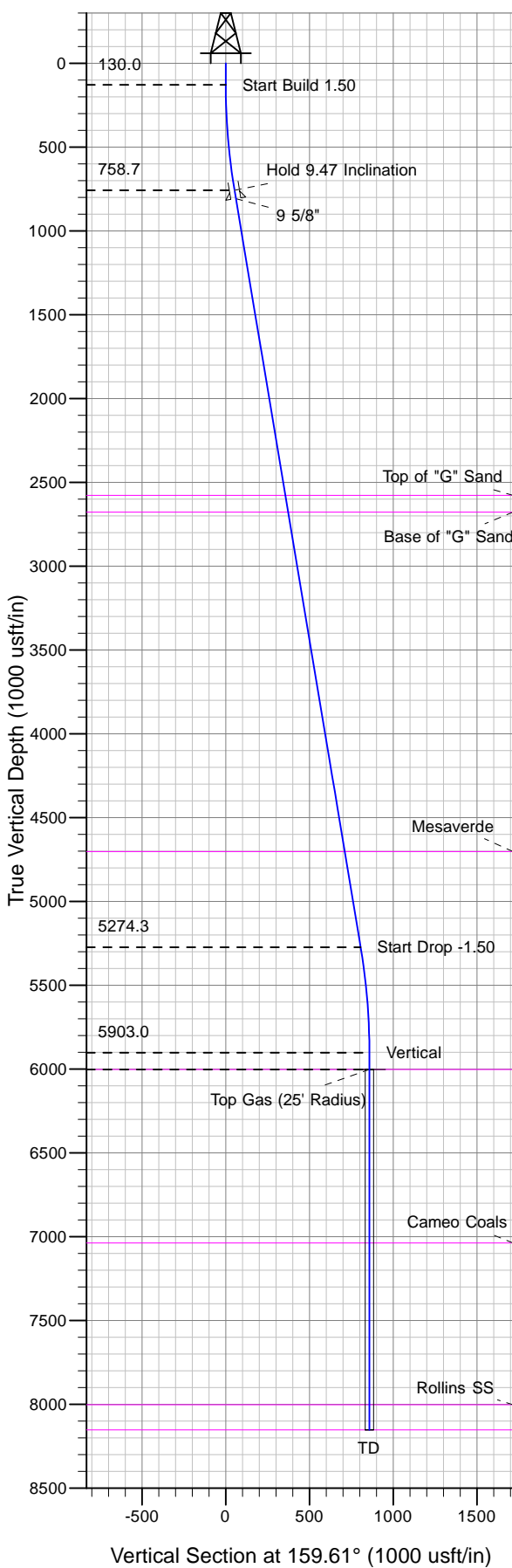
Well Name: PA 423-12

Surface Location: PA 23-12 Pad

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

Ground Elevation: 6507.0

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



Project: PA 12-07S-095W
Site: PA 23-12 Pad
Well: PA 423-12
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
130.0	130.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 1.50
758.7	761.6	9.47	159.61	-48.8	18.2	52.1	52.1	Hold 9.47 Inclination
5274.3	5339.6	9.47	159.61	-755.1	280.7	805.6	805.6	Start Drop -1.50
5903.0	5971.2	0.00	0.00	-804.0	298.9	857.7	857.7	Vertical
6003.0	6071.2	0.00	0.00	-804.0	298.9	857.7	857.7	Top Gas
8153.0	8221.2	0.00	0.00	-804.0	298.9	857.7	857.7	TD at 8221.2