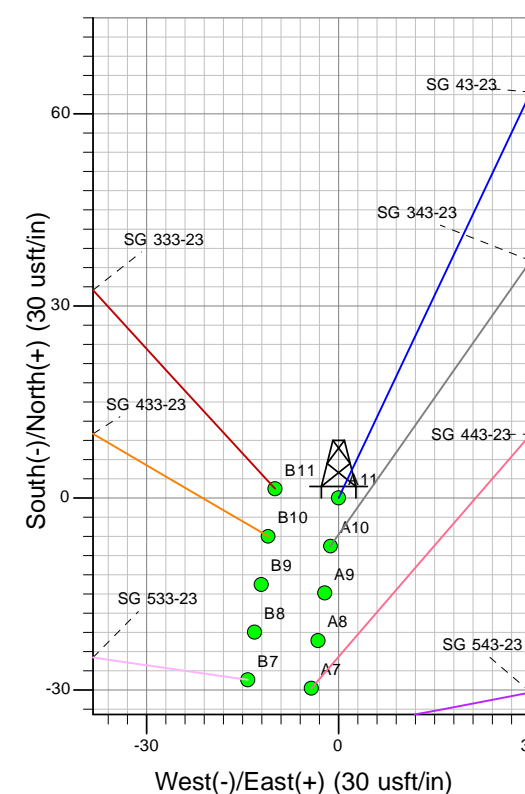
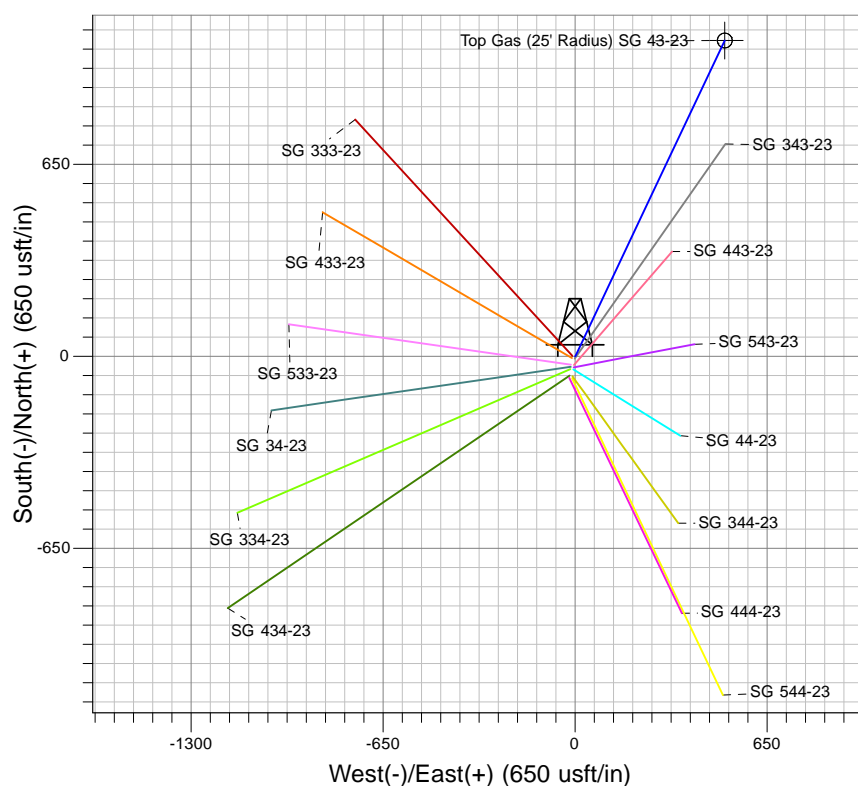
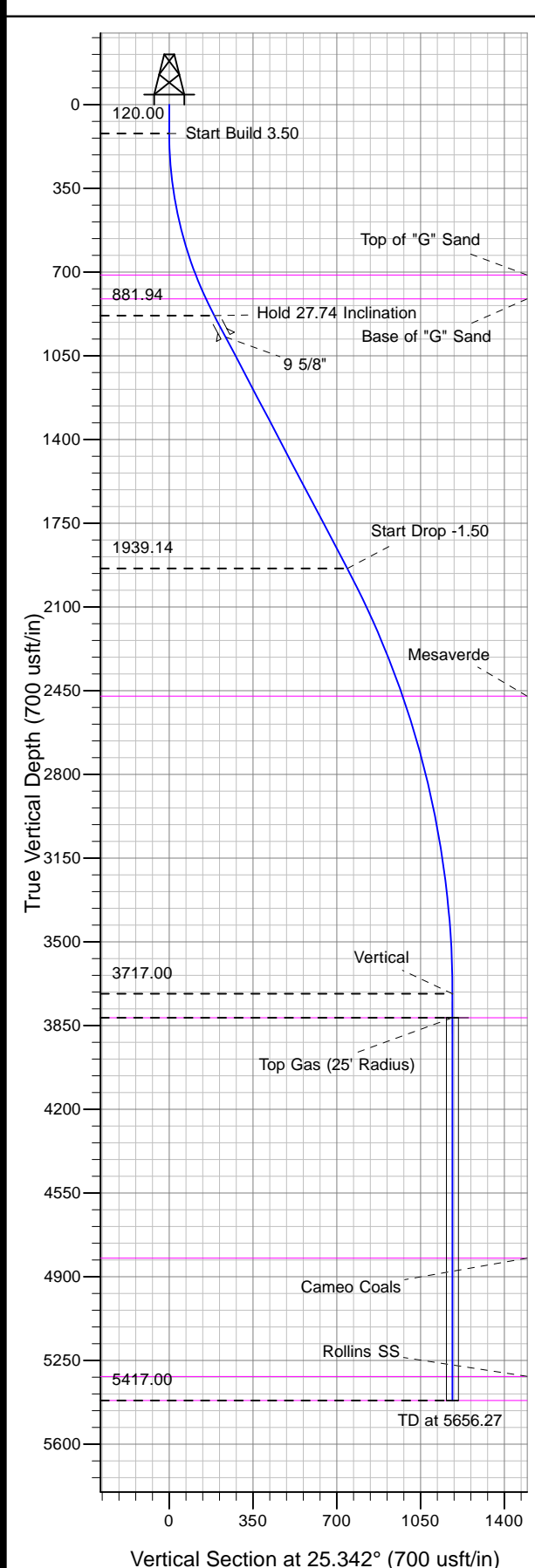




Well Name: SG 43-23
Surface Location: SG 44-23 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5030.00
+N/-S 0.00 +E/-W 0.00 Northing 1587824.20 Easting 2273928.50 Latitude 39.41914 Longitude -108.07043 Slot A11
KELLY BUSHING @ 5052.00usft (Cyclone 17)



Project: SG 23-07S-096W
Site: SG 44-23 Pad
Well: SG 43-23
Design #2 14Jun12 kjs

Azimuths to True North
Magnetic North: 10.30°
Magnetic Field
Strength: 52205.6snT
Dip Angle: 65.67°
Date: 10/20/2011
Model: IGRF2005-10

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	0.00	0.000	120.00	0.00	0.00	0.00	0.00	Start Build 3.50
912.54	27.74	25.342	881.94	170.02	80.52	188.13	188.13	Hold 27.74 Inclination
2107.01	27.74	25.342	1939.14	672.48	318.49	744.09	744.09	Start Drop -1.50
3956.27	0.00	0.000	3717.00	1069.21	506.38	1183.06	1183.06	Top Gas
4056.27	0.00	0.000	3817.00	1069.21	506.38	1183.06	1183.06	Vertical
5656.27	0.00	0.000	5417.00	1069.21	506.38	1183.06	1183.06	TD at 5656.27