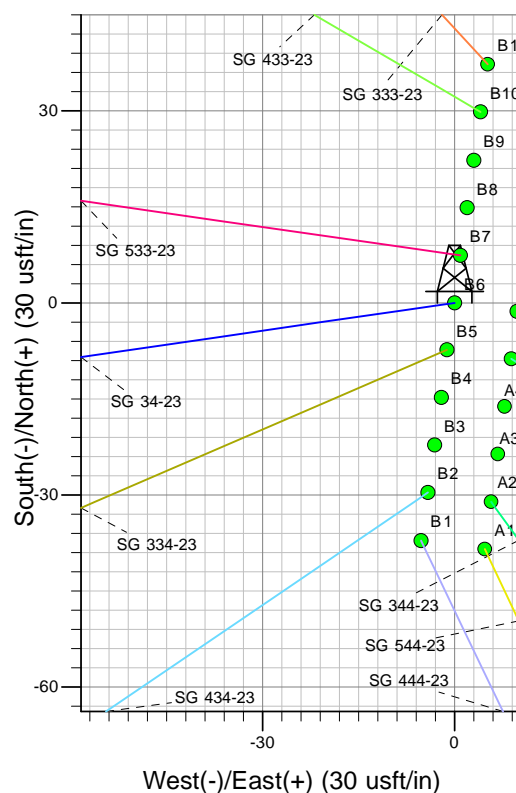
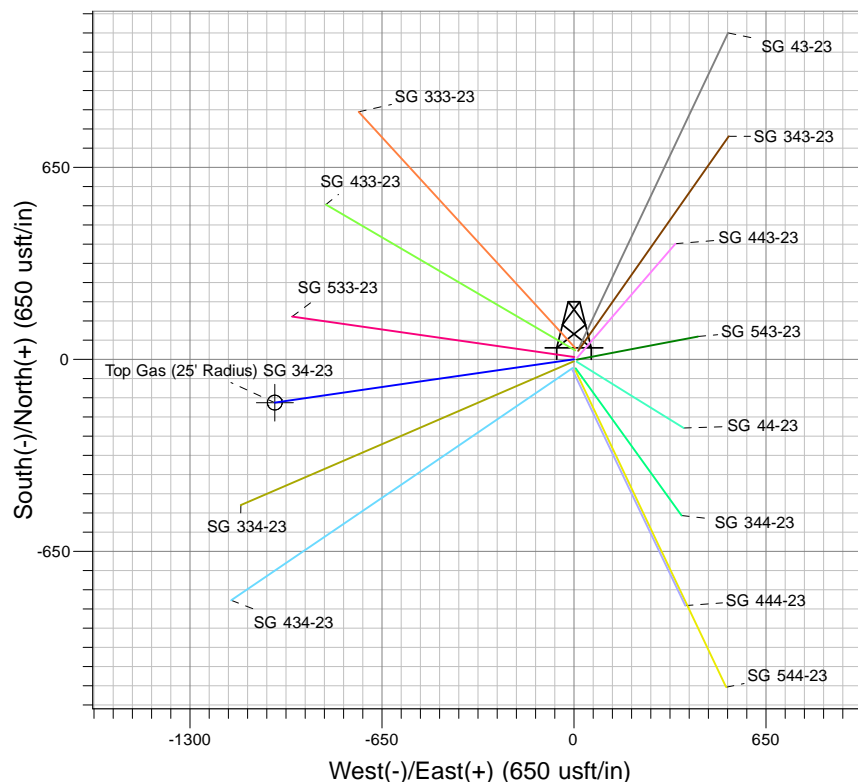
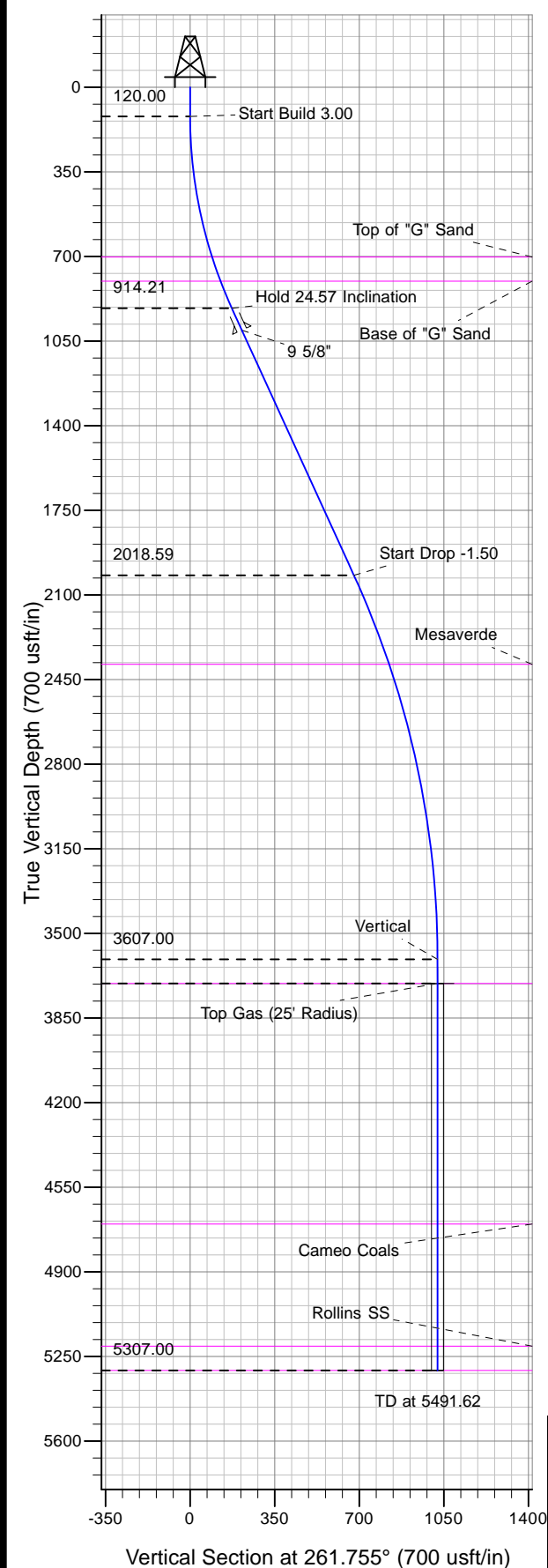




Well Name: SG 34-23
 Surface Location: SG 44-23 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5030.00
 +N/-S 0.00 +E/-W 0.00 Northing 1587788.80 Easting 2273912.40 Latitude 39.41904 Longitude -108.07048 Slot B6
 KELLY BUSHING @ 5052.00usft (Cyclone 17)



Project: SG 23-07S-096W
 Site: SG 44-23 Pad
 Well: SG 34-23
 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 3.00
939.09	24.57	261.755	914.21	-24.80	-171.18	172.97	172.97	Hold 24.57 Inclination
2153.44	24.57	261.755	2018.59	-97.22	-670.94	677.95	677.95	Start Drop -1.50
3791.62	0.00	0.000	3607.00	-146.83	-1013.30	1023.88	1023.88	Vertical
3891.62	0.00	0.000	3707.00	-146.83	-1013.30	1023.88	1023.88	Top Gas
5491.62	0.00	0.000	5307.00	-146.83	-1013.30	1023.88	1023.88	TD at 5491.62