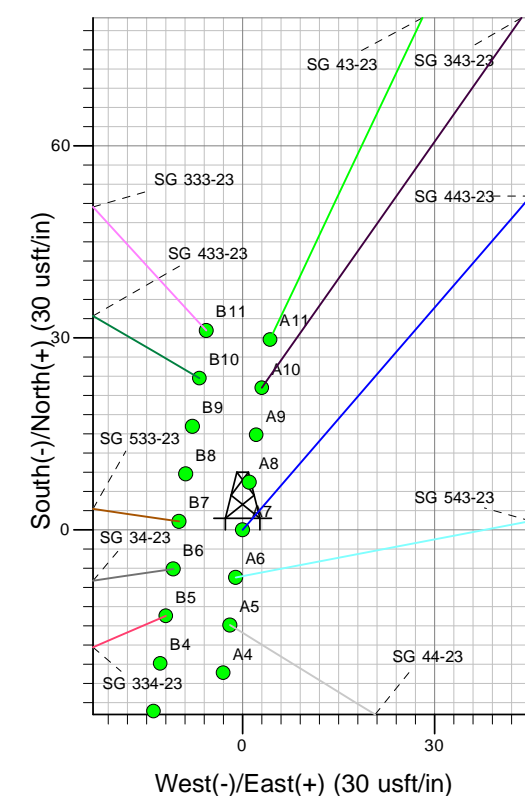
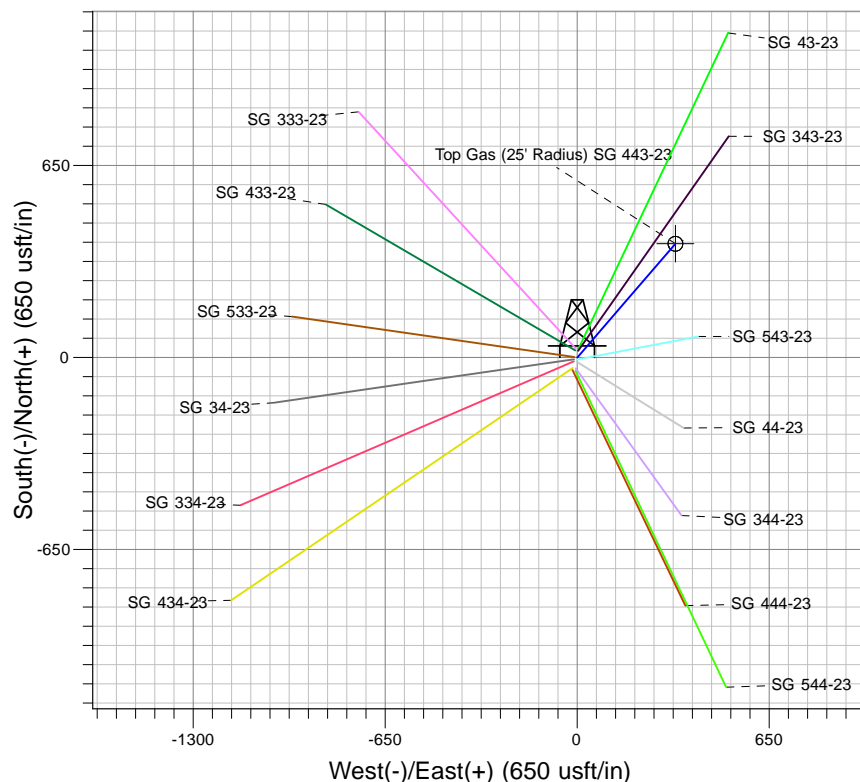
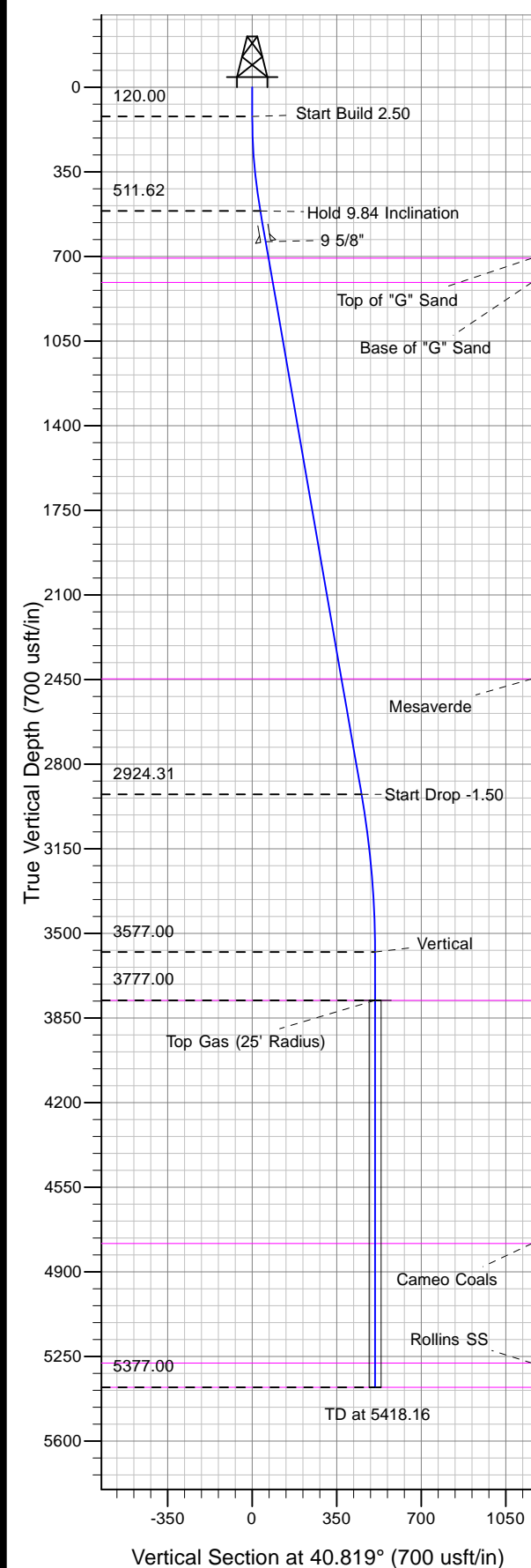




Well Name: SG 443-23
 Surface Location: SG 44-23 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5030.00
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1587794.60 2273923.40 39.41906 -108.07044 A7
 KELLY BUSHING @ 5052.00usft (Cyclone 17)



Project: SG 23-07S-096W
 Site: SG 44-23 Pad
 Well: SG 443-23
 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 2.50
513.55	9.84	40.819	511.62	25.51	22.03	33.71	33.71	Hold 9.84 Inclination
2962.25	9.84	40.819	2924.31	342.16	295.55	452.13	452.13	Start Drop -1.50
3618.16	0.00	0.000	3577.00	384.67	332.27	508.31	508.31	Vertical
3818.16	0.00	0.000	3777.00	384.67	332.27	508.31	508.31	Top Gas
5418.16	0.00	0.000	5377.00	384.67	332.27	508.31	508.31	TD at 5418.16