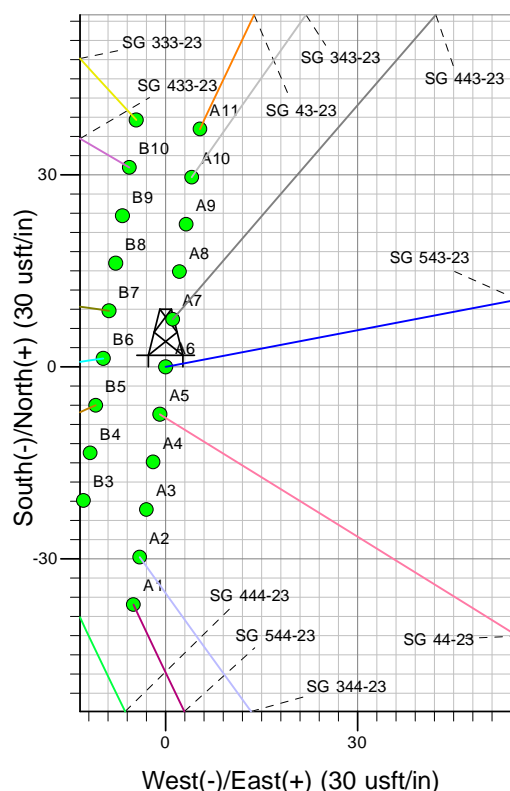
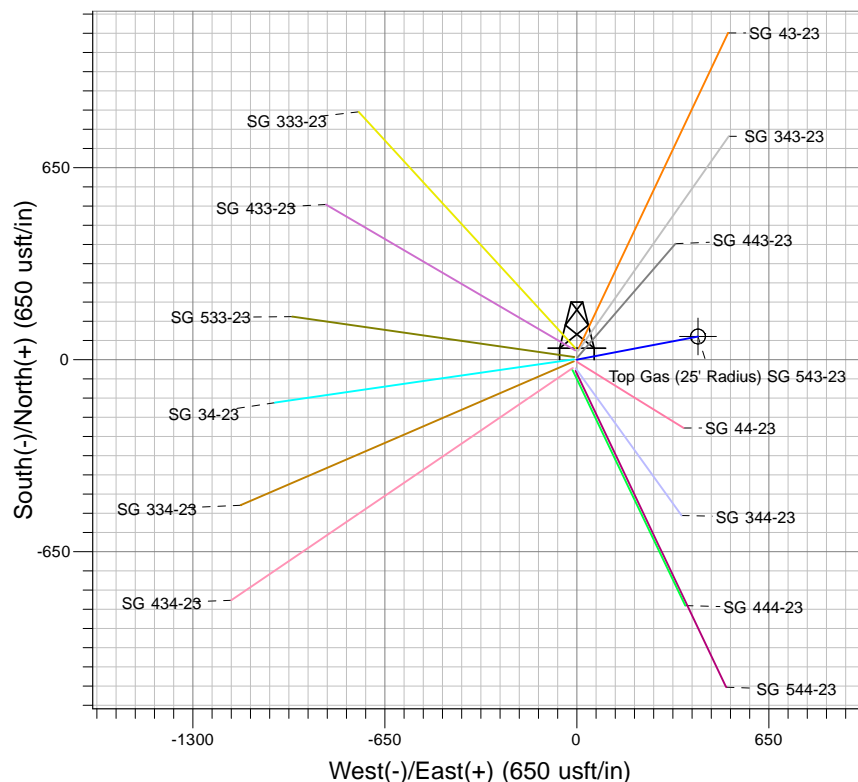
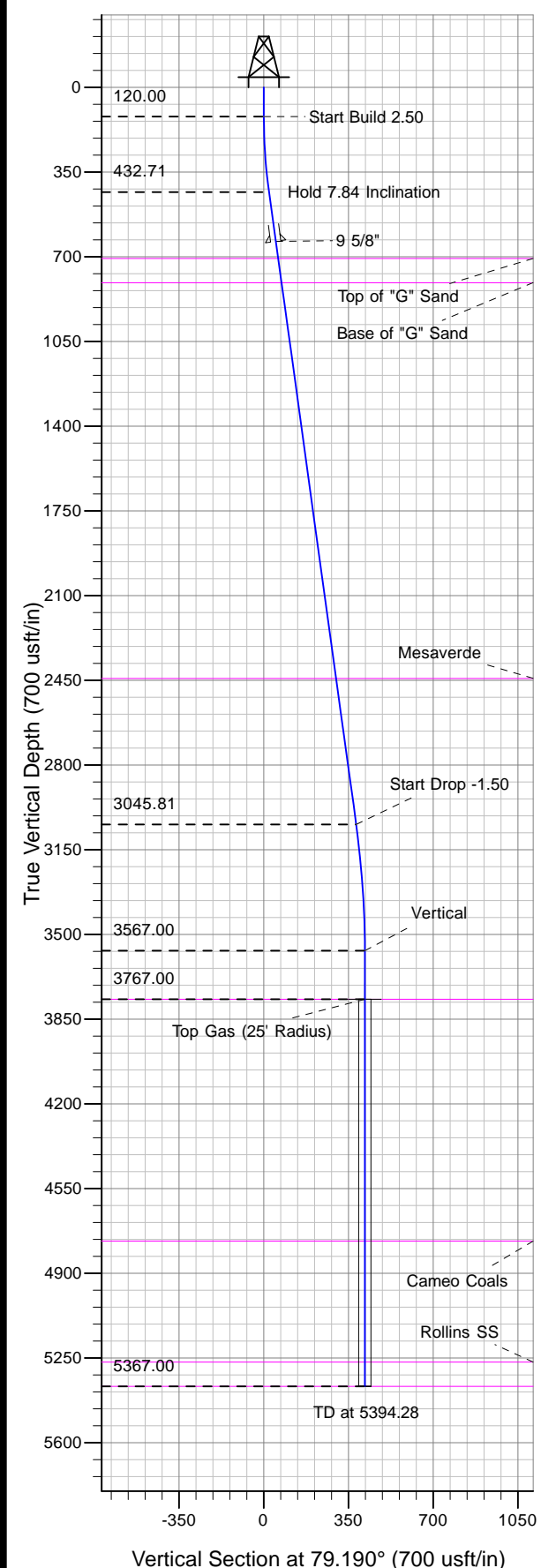




Well Name: SG 543-23  
 Surface Location: SG 44-23 Pad  
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
 Ground Elevation: 5030.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1587787.20	2273922.10	39.41904	-108.07045	A6

KELLY BUSHING @ 5052.00usft (Cyclone 17)



Project: SG 23-07S-096W  
 Site: SG 44-23 Pad  
 Well: SG 543-23  
 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
433.69	7.84	79.190	432.71	4.02	21.05	21.43	21.43	Hold 7.84 Inclination
3071.46	7.84	79.190	3045.81	71.52	374.58	381.35	381.35	Start Drop -1.50
3594.28	0.00	0.000	3567.00	78.22	409.67	417.07	417.07	Vertical
3794.28	0.00	0.000	3767.00	78.22	409.67	417.07	417.07	Top Gas
5394.28	0.00	0.000	5367.00	78.22	409.67	417.07	417.07	TD at 5394.28