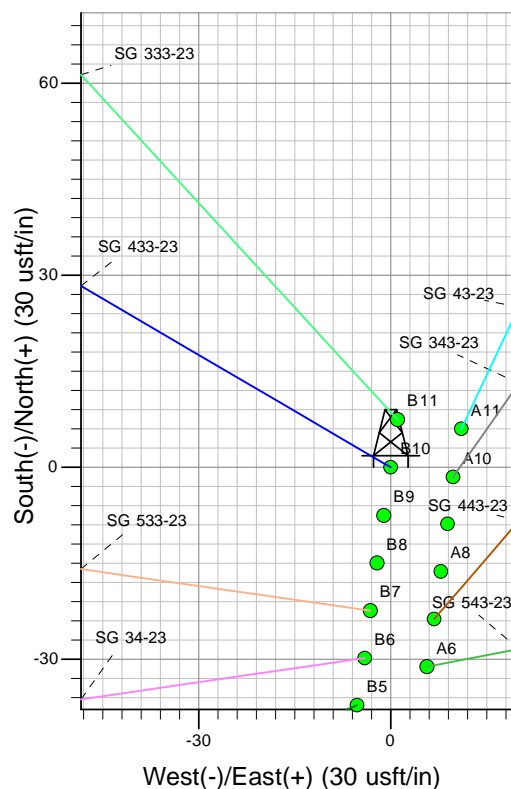
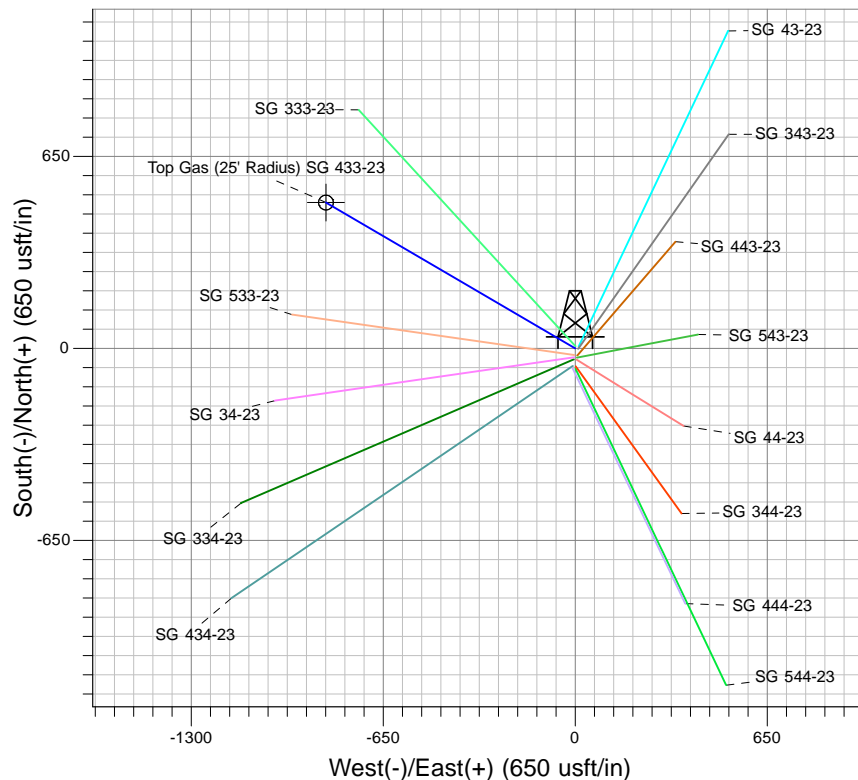
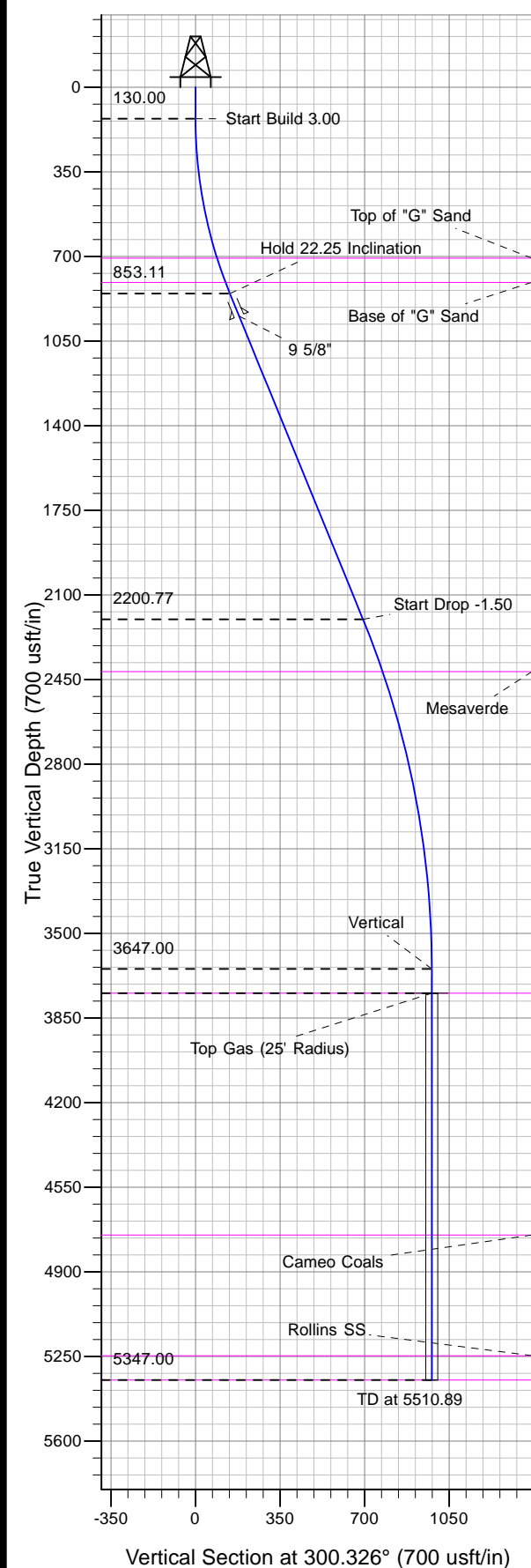




Well Name: SG 433-23
 Surface Location: SG 44-23 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 5030.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1587818.50	2273917.30	39.41912	-108.07047	B10

KELLY BUSHING @ 5052.00usft (Cyclone 17)



Project: SG 23-07S-096W
 Site: SG 44-23 Pad
 Well: SG 433-23
 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
130.00	0.00	0.000	130.00	0.00	0.00	0.00	0.00	Start Build 3.00
871.61	22.25	300.326	853.11	71.79	-122.73	142.19	142.19	Hold 22.25 Inclination
2327.67	22.25	300.326	2200.77	350.16	-598.59	693.48	693.48	Start Drop -1.50
3810.89	0.00	0.000	3647.00	493.74	-844.05	977.85	977.85	Top Gas
3910.89	0.00	0.000	3747.00	493.74	-844.05	977.85	977.85	Vertical
5510.89	0.00	0.000	5347.00	493.74	-844.05	977.85	977.85	TD at 5510.89