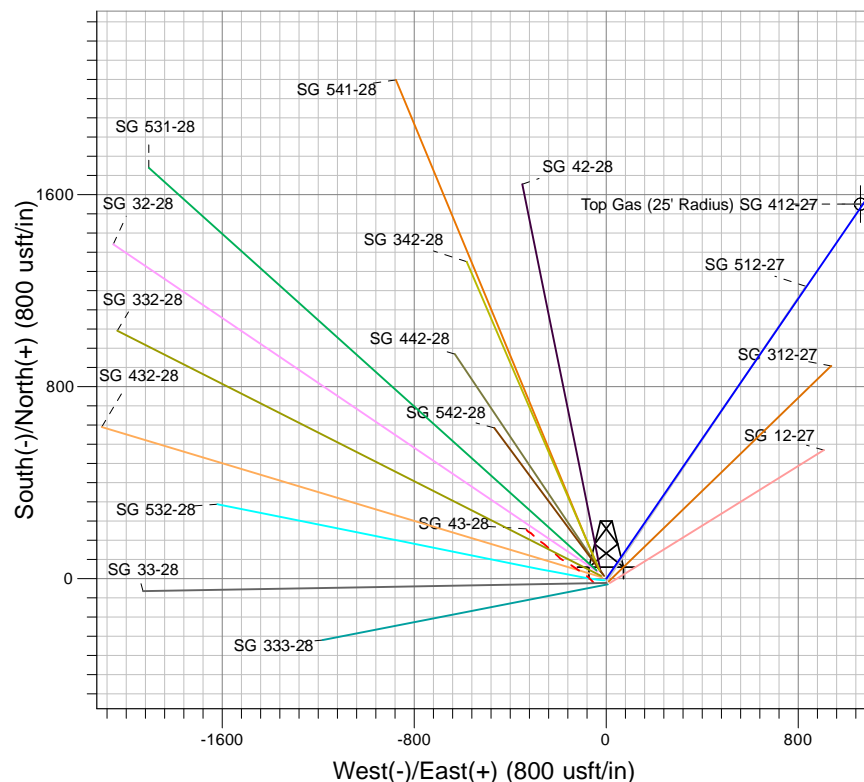
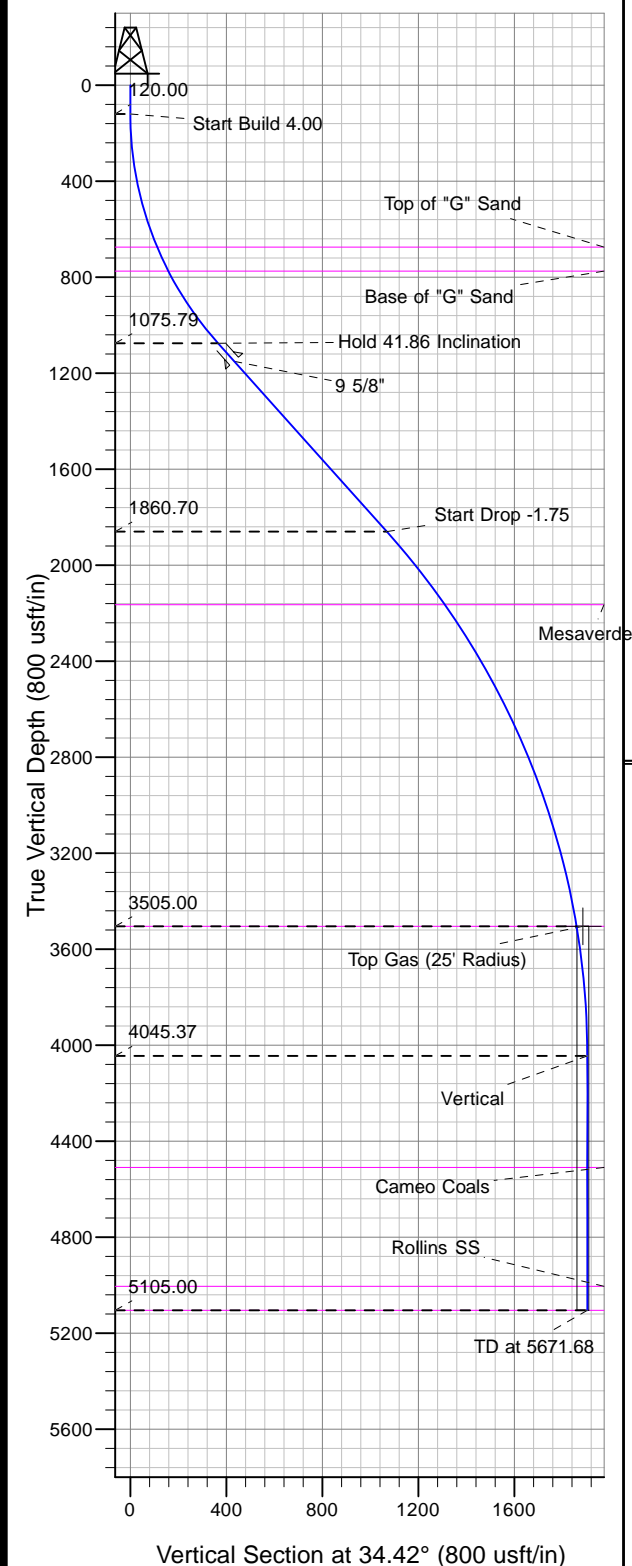




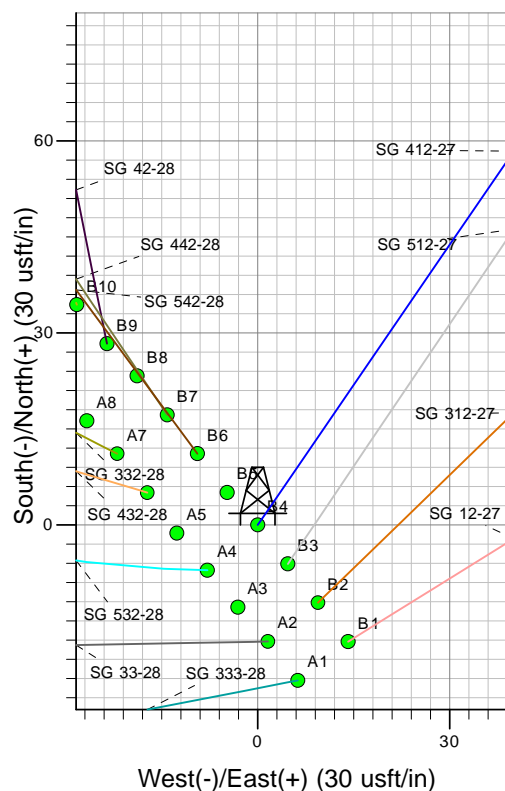
Well Name: SG 412-27
 Surface Location: SG 43-28 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5119.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1583854.61	2263470.05	39.40743	-108.10703	B4

KELLY BUSHING @ 5145.00usft (Nabors 573 (26' RKB) kjs)



Project: SG 28-07S-096W
 Site: SG 43-28 Pad
 Well: SG 412-27
 Design #2 16Jan13 kjs



Azimuths to True North
 Magnetic North: 10.27°
 Magnetic Field
 Strength: 52097.4snT
 Dip Angle: 65.62°
 Date: 5/30/2012
 Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 4.00
1166.42	41.86	34.42	1075.79	301.51	206.64	365.52	365.52	Hold 41.86 Inclination
2220.25	41.86	34.42	1860.70	881.55	604.17	1068.71	1068.71	Start Drop -1.75
4069.20	9.50	34.42	3505.00	1533.68	1051.10	1859.29	1859.29	Top Gas
4612.06	0.00	0.00	4045.37	1570.72	1076.48	1904.19	1904.19	Vertical
5671.68	0.00	0.00	5105.00	1570.72	1076.48	1904.19	1904.19	TD at 5671.68