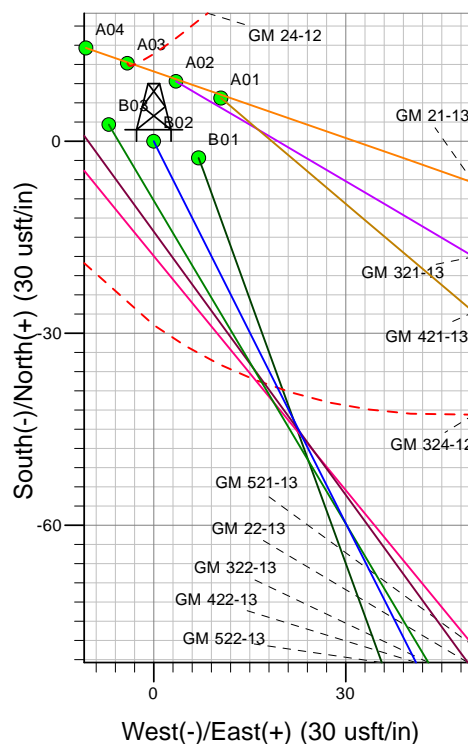
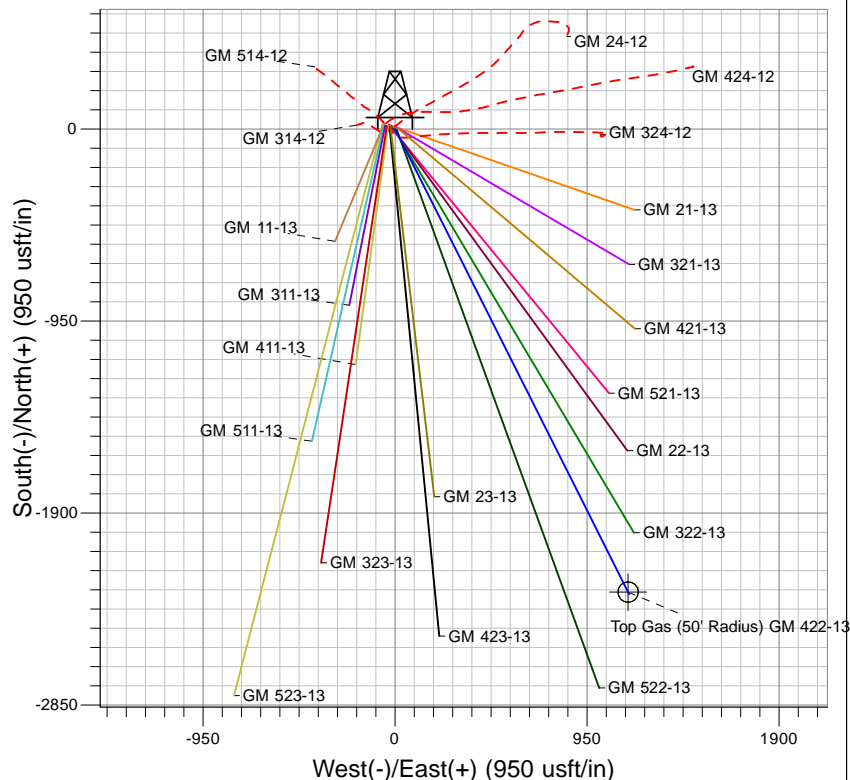
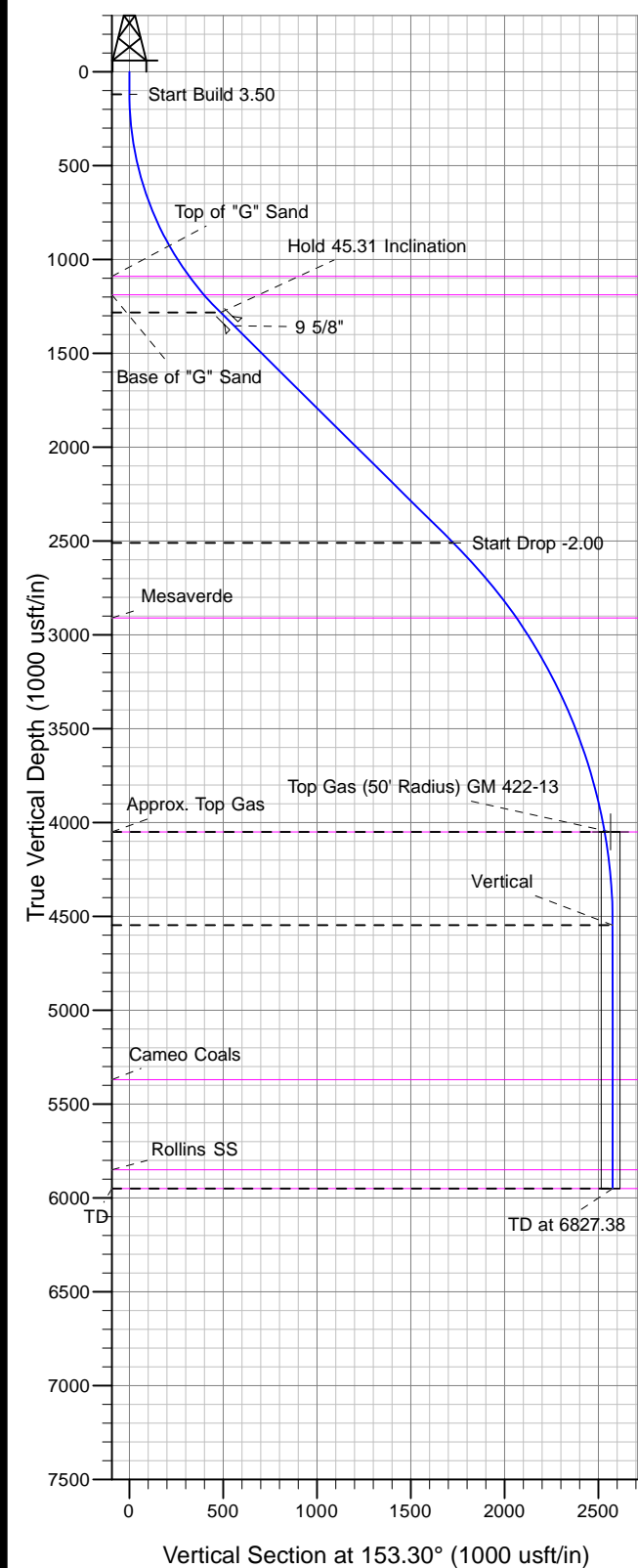




+N/-S  
0.00

+E/-W  
0.00

Well Name: GM 422-13  
Surface Location: GM 24-12 Pad  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
Ground Elevation: 5141.00  
Northing  
1597409.14  
Easting  
2275876.35  
Latitude  
39.44560  
Longitude  
-108.06449  
Slot  
B02  
KELLY BUSHING @ 5163.00usft (Cyclone 17 (22' RKB) kjs)



Project: GV 12-07S-096W  
Site: GM 24-12 Pad  
Well: GM 422-13  
Design #1 02May13 kjs

Mazimuths to True North  
Magnetic North: 10.11°  
Magnetic Field  
Strength: 52071.1snT  
Dip Angle: 65.65°  
Date: 5/2/2013  
Model: IGRF2005-10

#### ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
1283.82	1414.60	45.31	153.30	-433.99	218.25	485.77	485.77	Hold 45.31 Inclination
2510.79	3159.30	45.31	153.30	-1542.12	775.52	1726.14	1726.14	Start Drop -2.00
4050.00	4924.85	10.00	153.30	-2262.71	1137.90	2532.72	2532.72	Top Gas
4547.47	5424.85	0.00	0.00	-2301.59	1157.45	2576.24	2576.24	Vertical
5950.00	6827.38	0.00	0.00	-2301.59	1157.45	2576.24	2576.24	TD at 6827.38