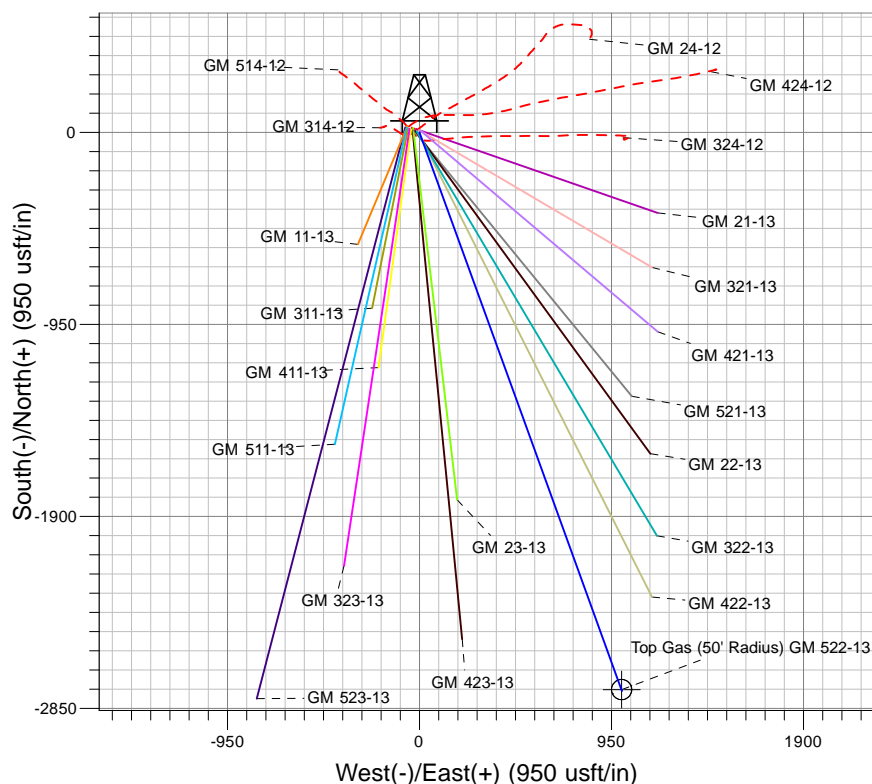
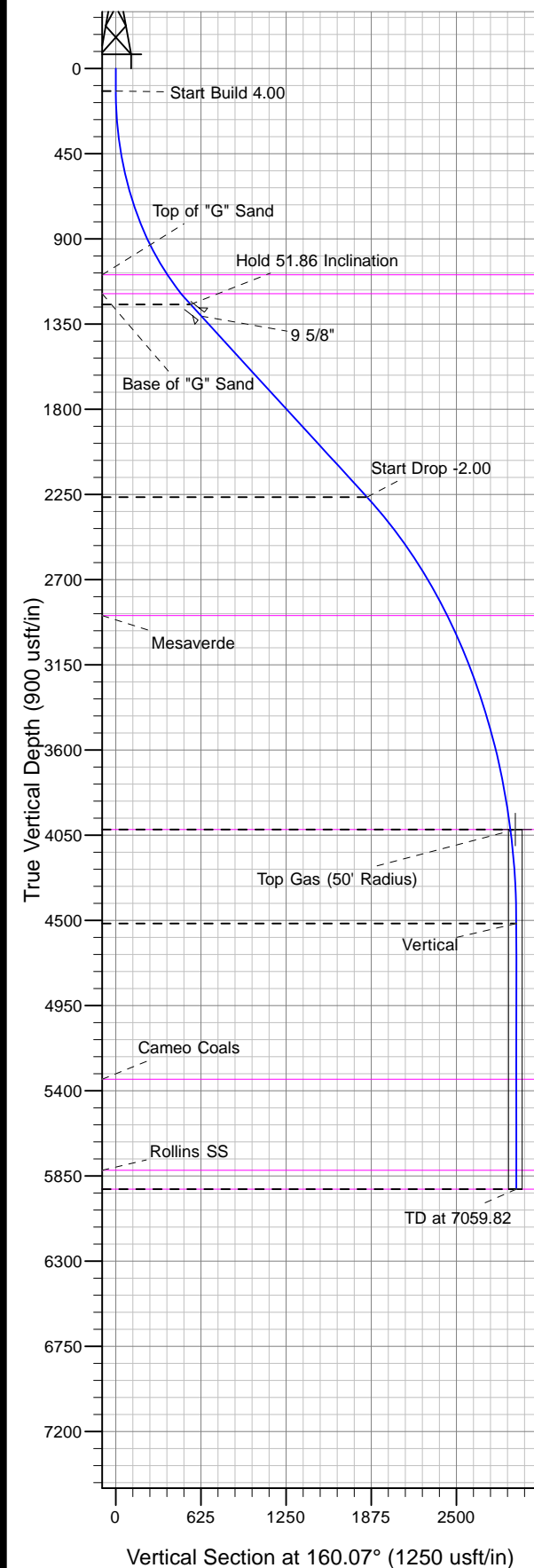




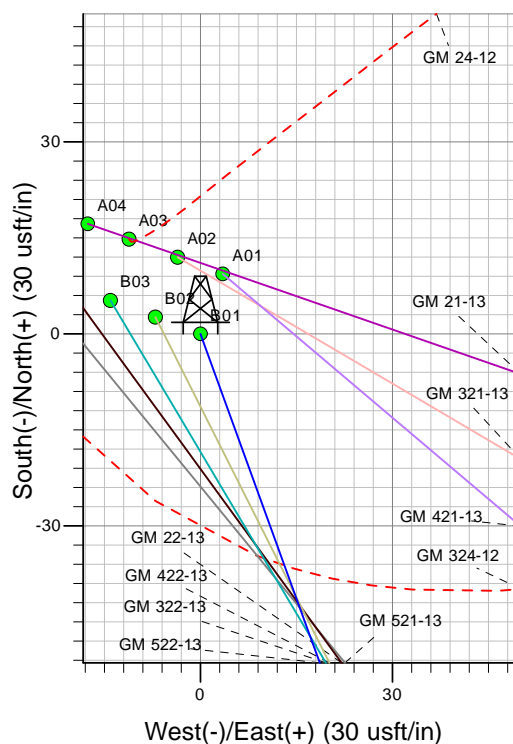
Well Name: GM 522-13  
 Surface Location: GM 24-12 Pad  
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
 Ground Elevation: 5141.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597406.33	2275883.31	39.44559	-108.06447	B01

KELLY BUSHING @ 5163.00usft (Cyclone 17 (22' RKB) kjs)



Project: GV 12-07S-096W  
 Site: GM 24-12 Pad  
 Well: GM 522-13  
 Design #1 02May13 kjs



Azimuths 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 4.00
1246.54	1416.43	51.86	160.07	-514.91	186.72	547.71	547.71	Hold 51.86 Inclination
2264.38	3064.43	51.86	160.07	-1733.38	628.56	1843.82	1843.82	Start Drop -2.00
4020.00	5157.29	10.00	160.07	-2722.27	987.16	2895.73	2895.73	Top Gas
4517.47	5657.29	0.00	0.00	-2763.19	1001.99	2939.25	2939.25	Vertical
5920.00	7059.82	0.00	0.00	-2763.19	1001.99	2939.25	2939.25	TD at 7059.82