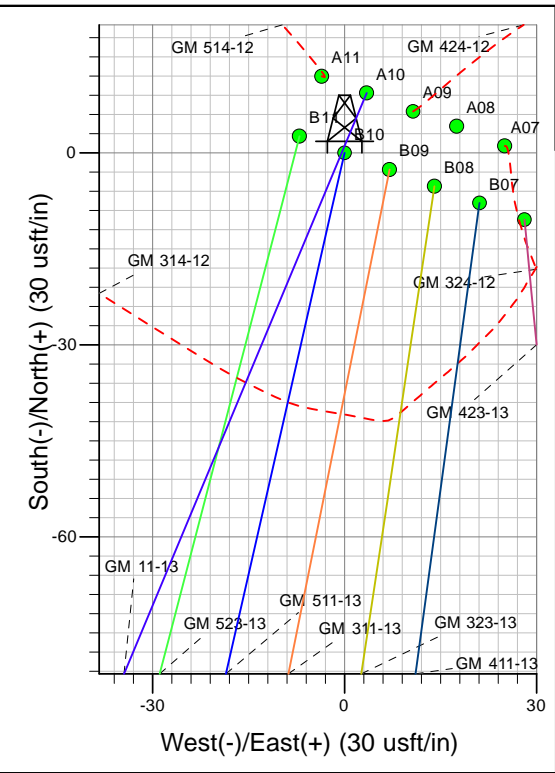
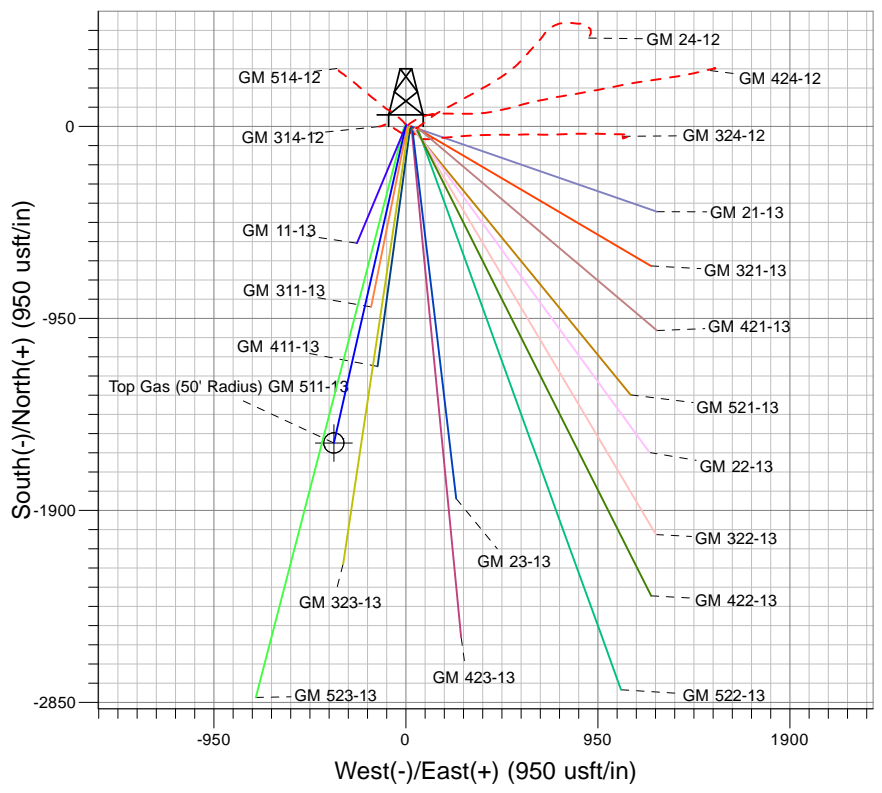
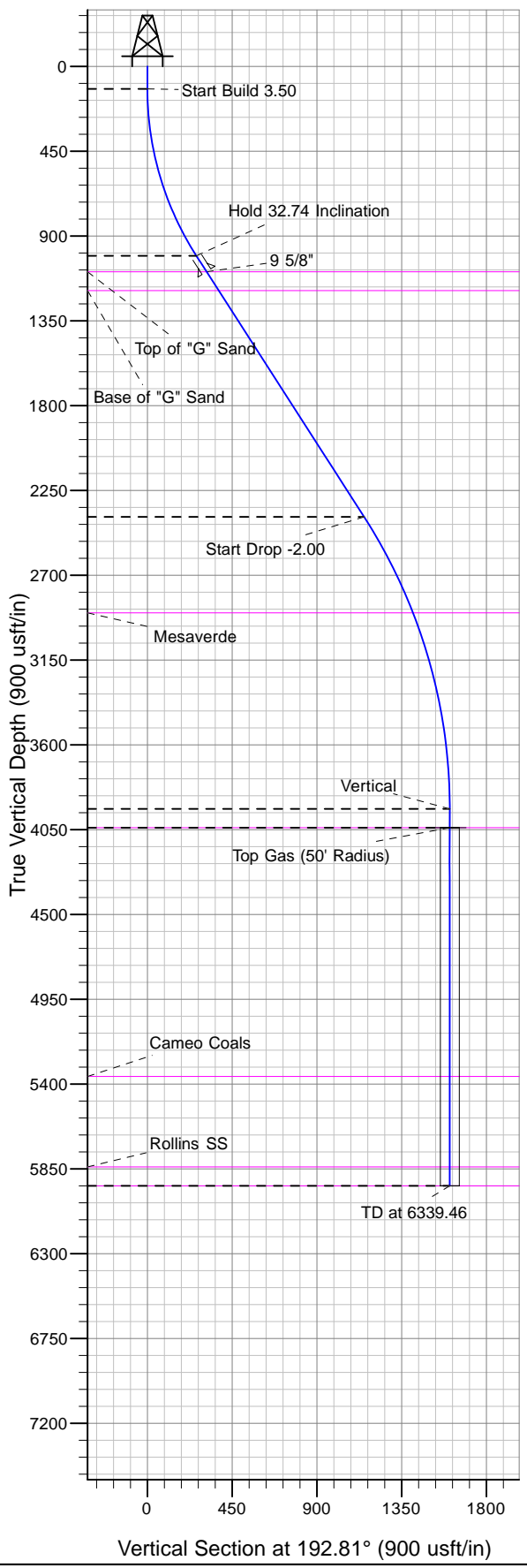




Well Name: GM 511-13
 Surface Location: GM 24-12 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5141.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597431.58	2275820.73	39.44565	-108.06469	B10

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



Project: GV 12-07S-096W
 Site: GM 24-12 Pad
 Well: GM 511-13
 Design #1 02May13 kjs

T Azimuths to True North
M 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
1005.47	1055.57	32.74	192.81	-253.67	-57.69	260.14	260.14	Hold 32.74 Inclination
2390.44	2702.21	32.74	192.81	-1122.16	-255.21	1150.81	1150.81	Start Drop -2.00
3940.00	4339.46	0.00	0.00	-1566.07	-356.17	1606.07	1606.07	Vertical
4040.00	4439.46	0.00	0.00	-1566.07	-356.17	1606.07	1606.07	Top Gas
5940.00	6339.46	0.00	0.00	-1566.07	-356.17	1606.07	1606.07	TD at 6339.46