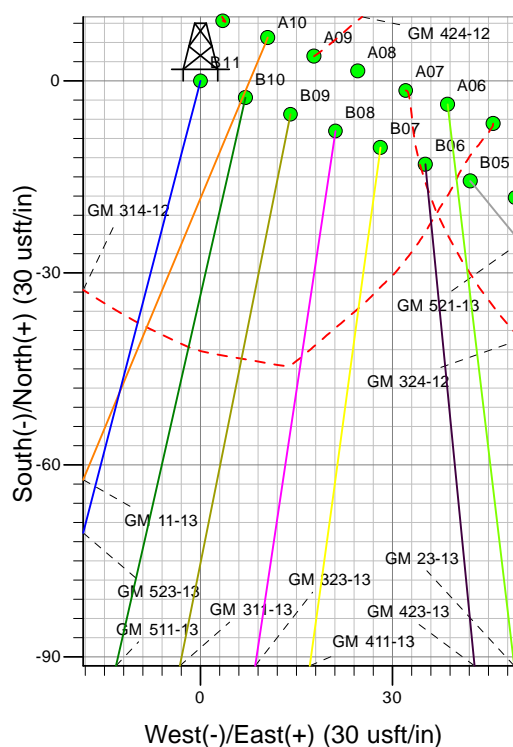
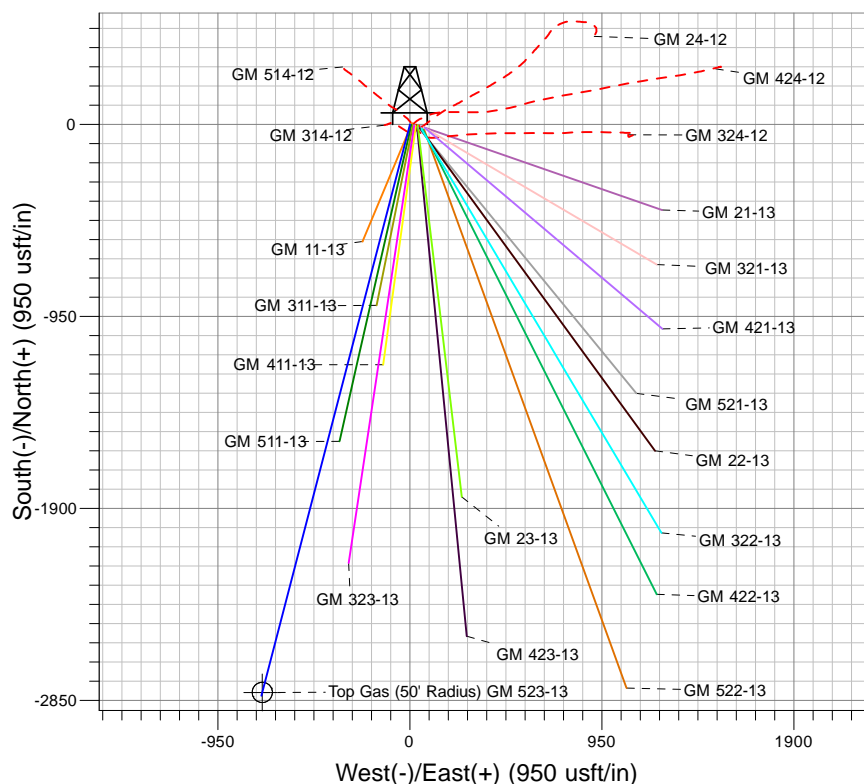
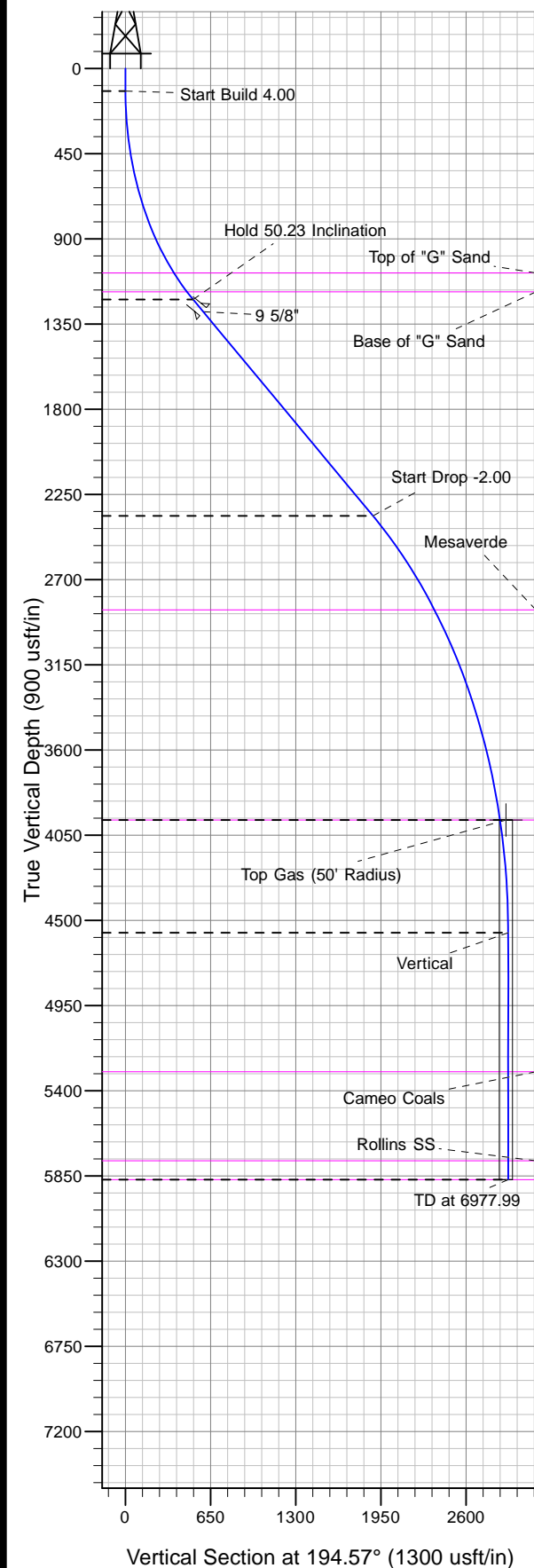




Well Name: GM 523-13
 Surface Location: GM 24-12 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5141.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597434.39	2275813.78	39.44566	-108.06472	B 11

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



Project: GV 12-07S-096W
 Site: GM 24-12 Pad
 Well: GM 523-13
 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
1220.98	1375.77	50.23	194.57	-499.50	-129.83	516.10	516.10	Hold 50.23 Inclination
2363.67	3162.07	50.23	194.57	-1828.34	-475.24	1889.10	1889.10	Start Drop -2.00
3970.00	5073.61	12.00	194.57	-2766.75	-719.15	2858.69	2858.69	Top Gas
4565.62	5673.61	0.00	0.00	-2827.34	-734.90	2921.29	2921.29	Vertical
5870.00	6977.99	0.00	0.00	-2827.34	-734.90	2921.29	2921.29	TD at 6977.99