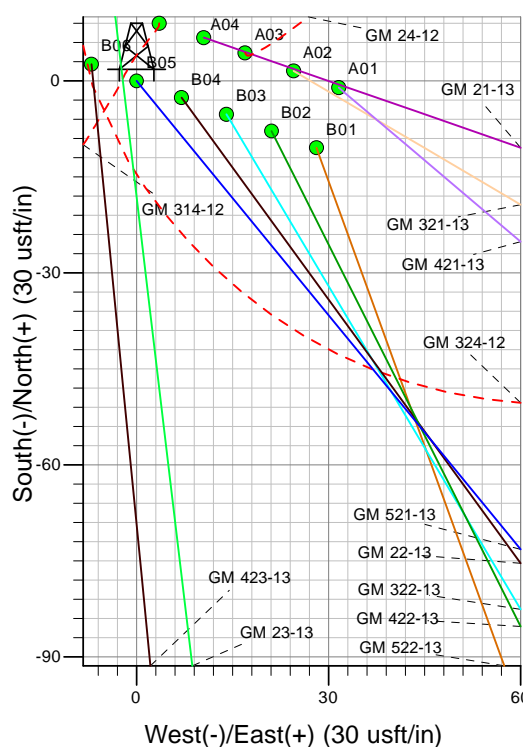
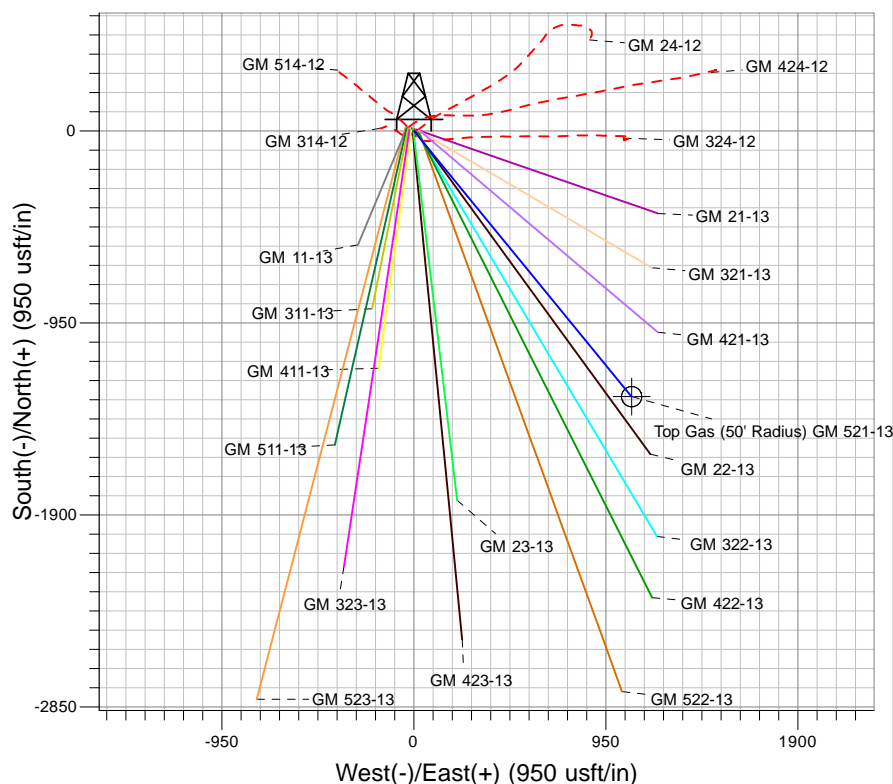
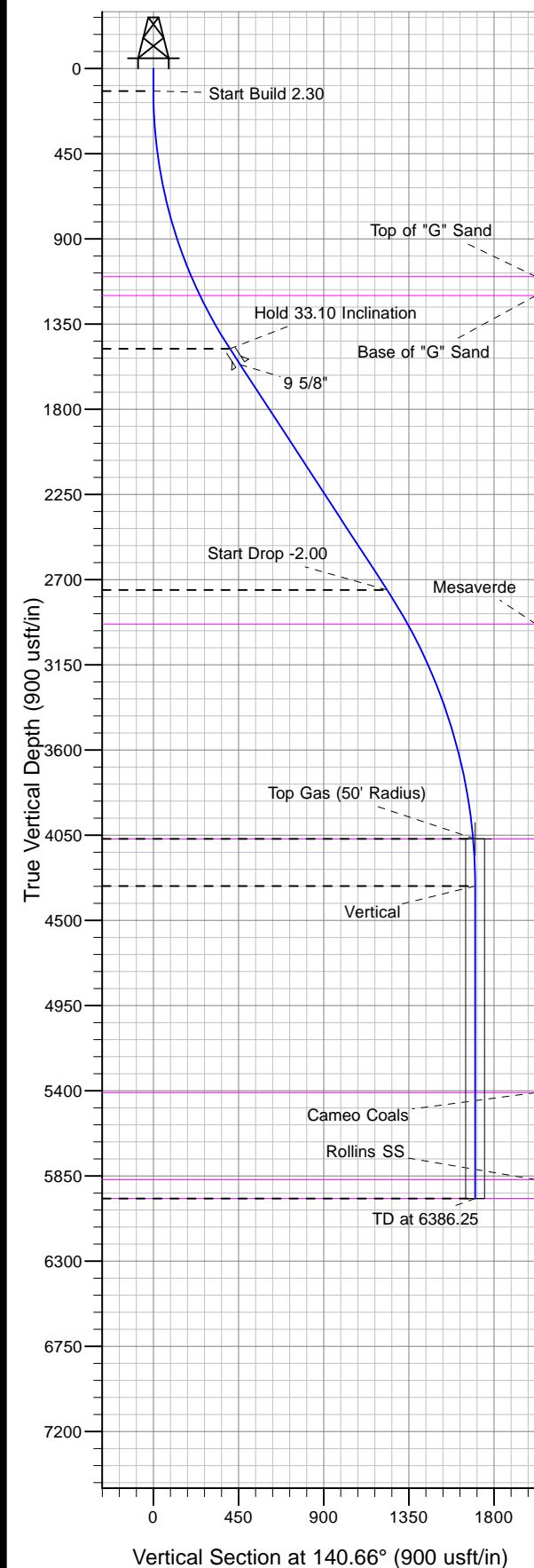




Well Name: GM 521-13
Surface Location: GM 24-12 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5141.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597417.56	2275855.49	39.44562	-108.06457	B05

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



Project: GV 12-07S-096W
Site: GM 24-12 Pad
Well: GM 521-13
Design #1 02May13 kjs



Azimuths to True North
Magnetic North: 10.11°
Magnetic Field
Strength: 52071.1nT
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 2.30
1480.49	1559.24	33.10	140.66	-312.68	256.33	404.32	404.32	Hold 33.10 Inclination
2755.11	3080.82	33.10	140.66	-955.33	783.16	1235.31	1235.31	Start Drop -2.00
4070.00	4485.94	5.00	140.66	-1306.48	1071.03	1689.38	1689.38	Top Gas
4319.68	4735.94	0.00	0.00	-1314.91	1077.94	1700.28	1700.28	Vertical
5970.00	6386.25	0.00	0.00	-1314.91	1077.94	1700.28	1700.28	TD at 6386.25