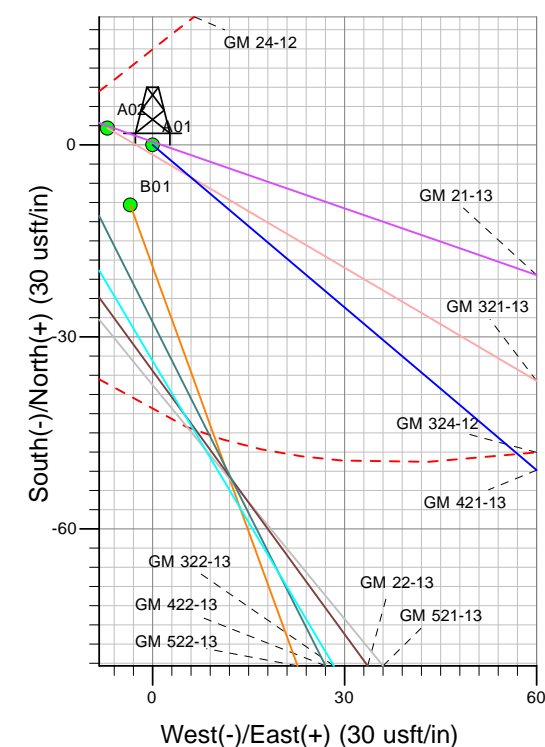
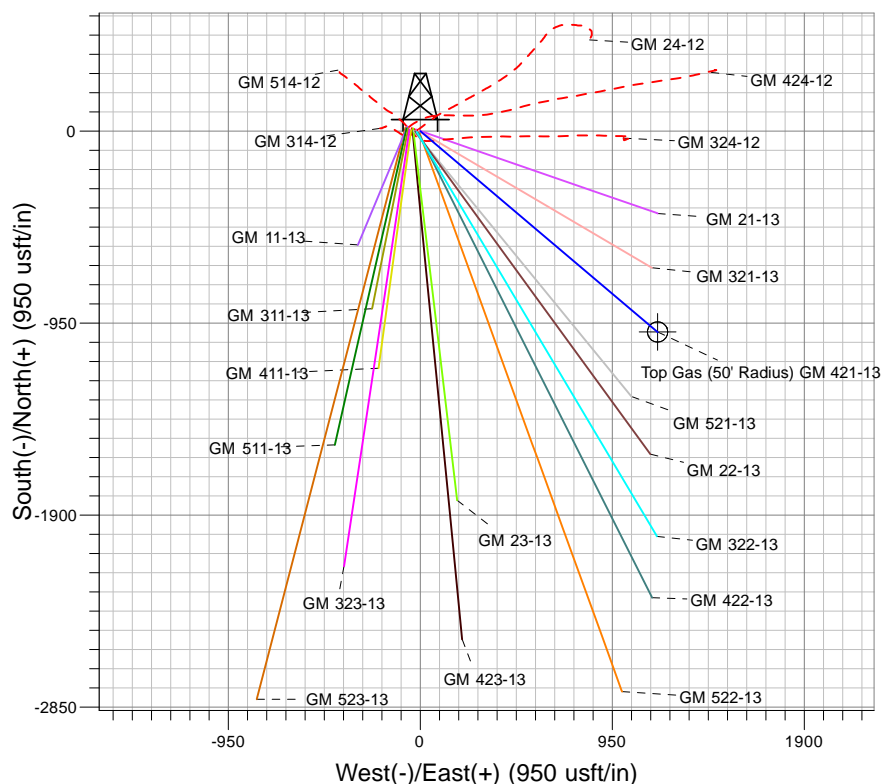
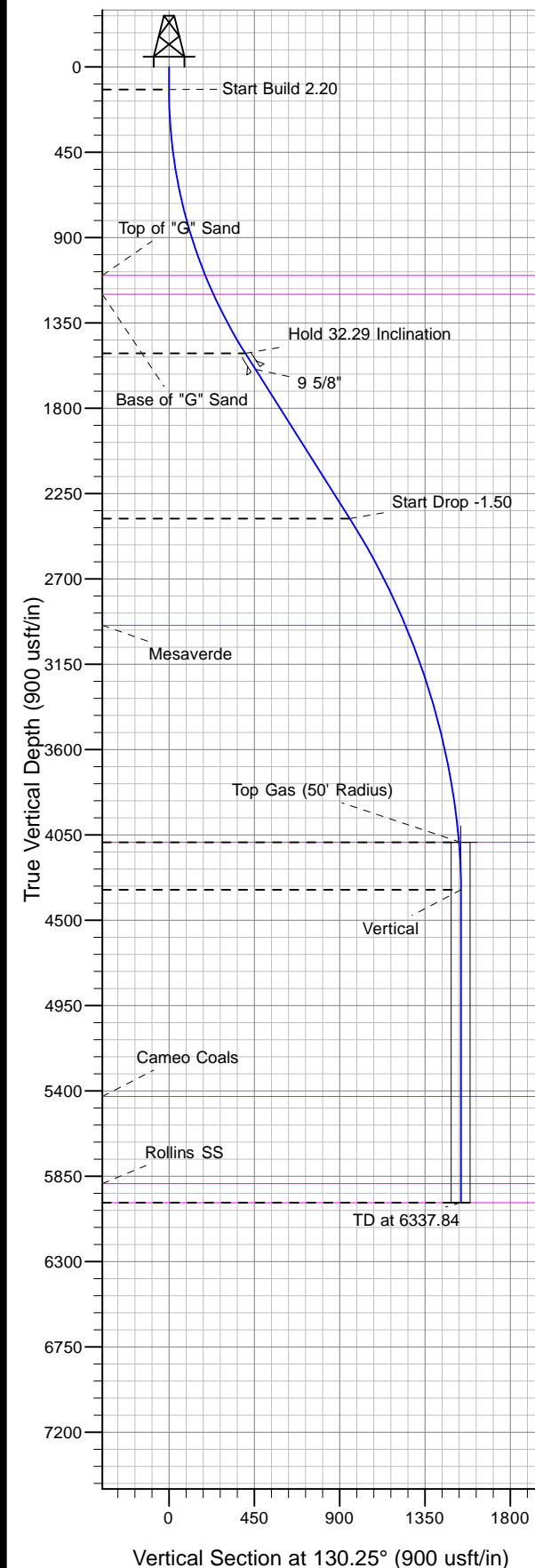




Well Name: GM 421-13
Surface Location: GM 24-12 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5141.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1597415.60 2275887.05 39.44561 -108.06446 A01
KELLY BUSHING @ 5163.00usft (Cyclone 17 (22' RKB) kjs)



Project: GV 12-07S-096W
Site: GM 24-12 Pad
Well: GM 421-13
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	V Sct	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.20
1511.12	1587.56	32.29	130.25	-260.18	307.32	402.66	402.66	Hold 32.29 Inclination
2382.60	2618.43	32.29	130.25	-615.97	727.57	953.30	953.30	Start Drop -1.50
4090.00	4437.52	5.00	130.25	-988.17	1167.21	1529.34	1529.34	Top Gas
4339.68	4687.52	0.00	0.00	-995.22	1175.53	1540.24	1540.24	Vertical
5990.00	6337.84	0.00	0.00	-995.22	1175.53	1540.24	1540.24	TD at 6337.84