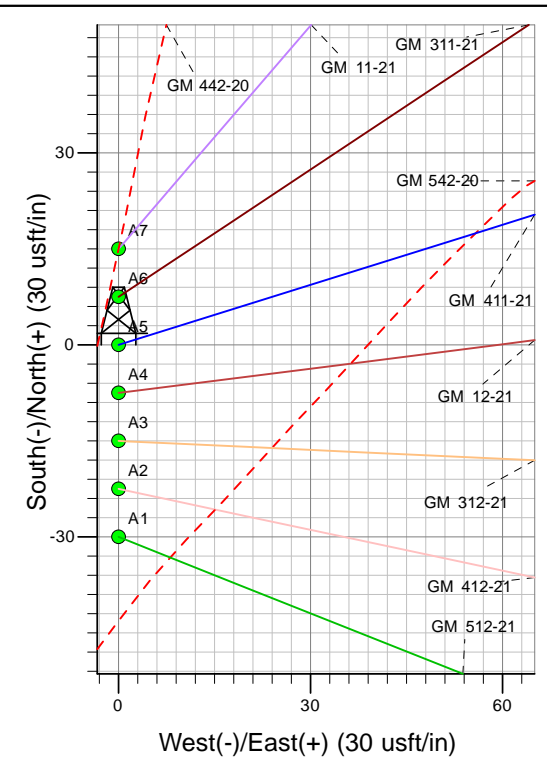
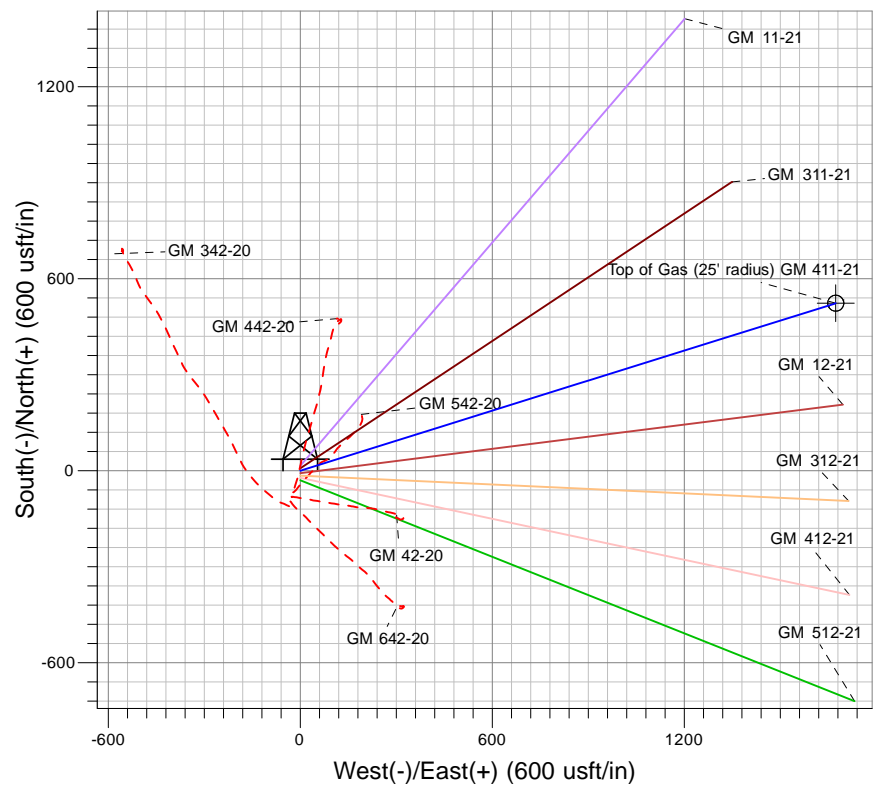
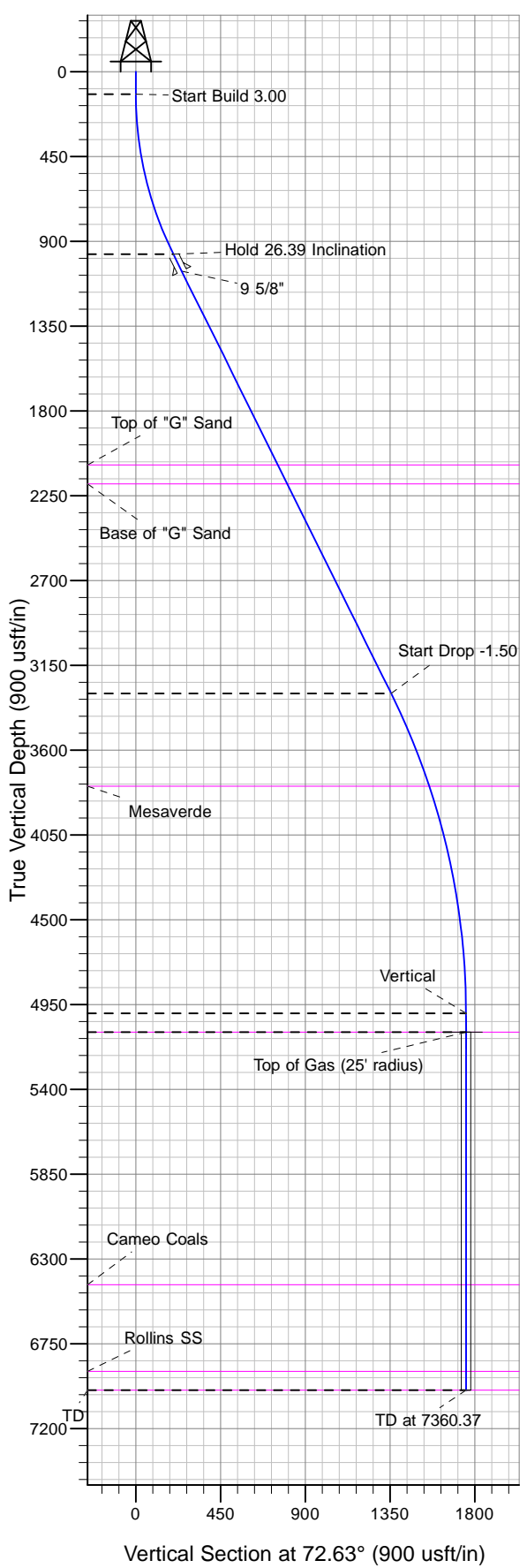




Well Name: GM 411-21  
 Surface Location: GM 442-20 Pad  
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
 Ground Elevation: 5575.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1621892.57	2259346.49	39.51149	-108.12551	A5

KELLY BUSHING @ 5597.00usft (Cyclone 17 (22' RKB))



Project: GV 20-06S-096W  
 Site: GM 442-20 Pad  
 Well: GM 411-21  
 Design #2 28Nov12 kjs

**M** Azimuths to True North  
 Magnetic North: 10.28°  
 Magnetic Field  
 Strength: 52142.1snT  
 Dip Angle: 65.70°  
 Date: 6/21/2012  
 Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.00
999.60	26.39	72.63	968.83	59.42	189.92	199.00	199.00	Hold 26.39 Inclination
3601.18	26.39	72.63	3299.34	404.68	1293.43	1355.26	1355.26	Start Drop -1.50
5360.37	0.00	0.00	4997.00	523.52	1673.27	1753.25	1753.25	Vertical
5460.37	0.00	0.00	5097.00	523.52	1673.27	1753.25	1753.25	Top Gas
7360.37	0.00	0.00	6997.00	523.52	1673.27	1753.25	1753.25	TD at 7360.37