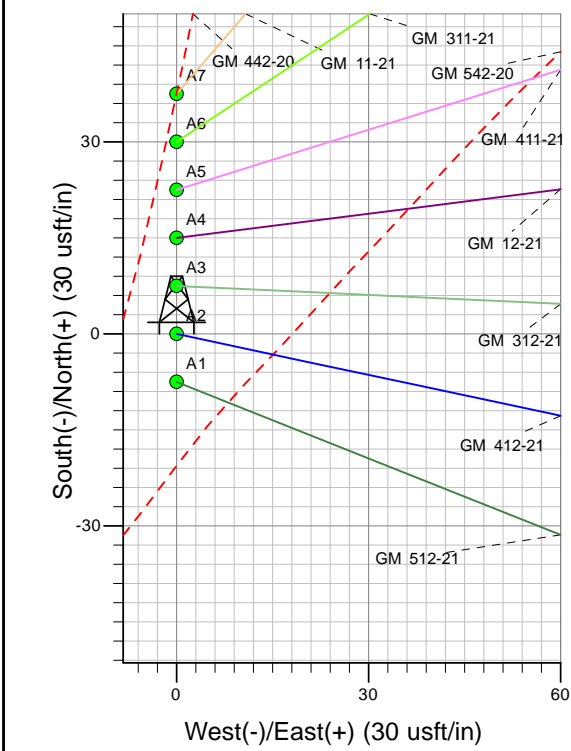
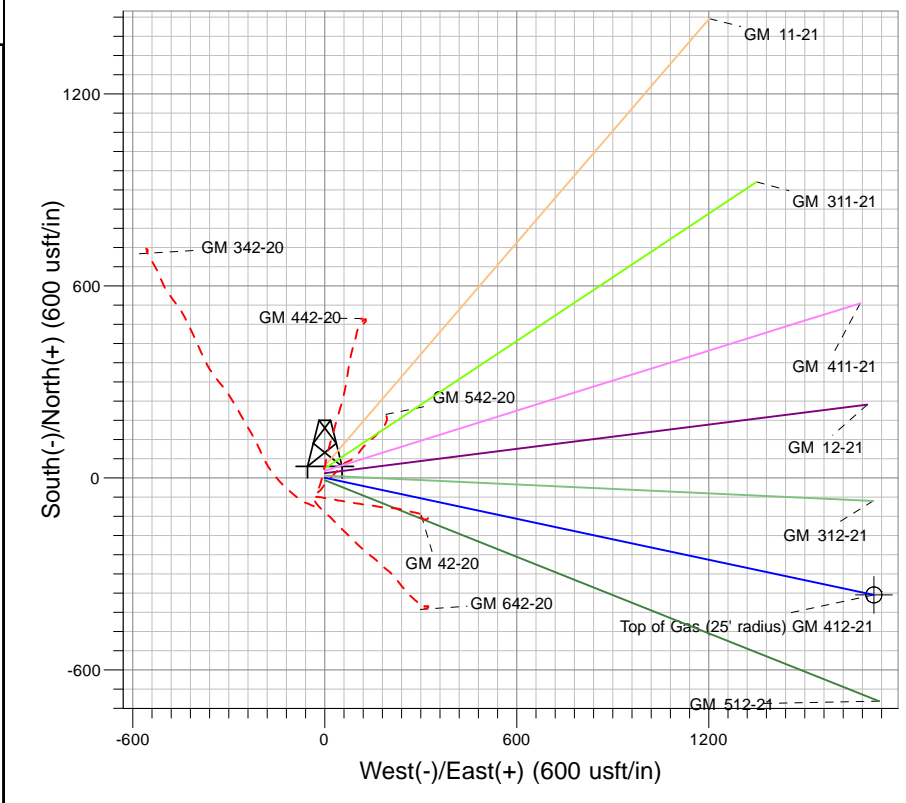
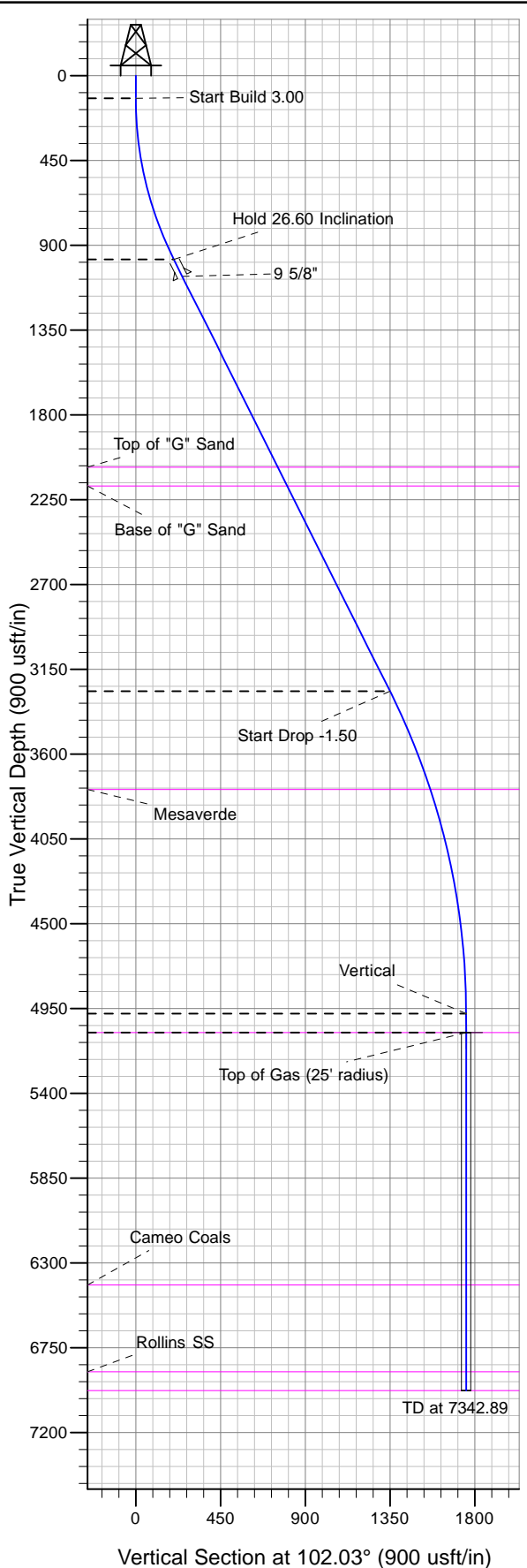




Well Name: GM 412-21
 Surface Location: GM 442-20 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5575.00
 +N/-S 0.00 +E/-W 0.00 Northing 1621870.08 Easting 2259345.84 Latitude 39.51143 Longitude -108.12551 Slot A2
 KELLY BUSHING @ 5597.00usft (Cyclone 17 (22' RKB))



Project: GV 20-06S-096W
 Site: GM 442-20 Pad
 Well: GM 412-21
 Design #2 28Nov12 kjs

Mazimuths to True North
 Magnetic North: 10.28°
 Magnetic Field
 Strength: 52142.0snT
 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
1006.81	26.60	102.03	975.28	-42.15	197.77	202.21	202.21	Hold 26.60 Inclination
3569.27	26.60	102.03	3266.43	-281.33	1320.10	1349.75	1349.75	Start Drop -1.50
5342.89	0.00	0.00	4977.00	-365.63	1715.65	1754.18	1754.18	Vertical
5442.89	0.00	0.00	5077.00	-365.63	1715.65	1754.18	1754.18	Top Gas
7342.89	0.00	0.00	6977.00	-365.63	1715.65	1754.18	1754.18	TD at 7342.89