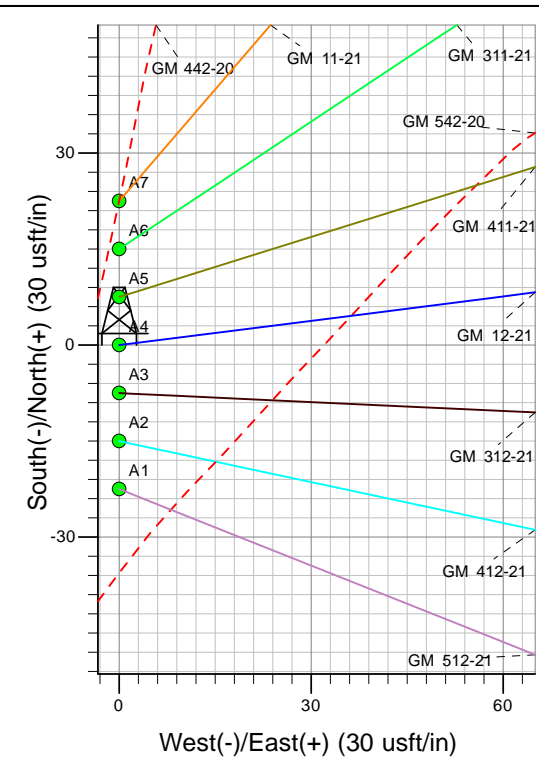
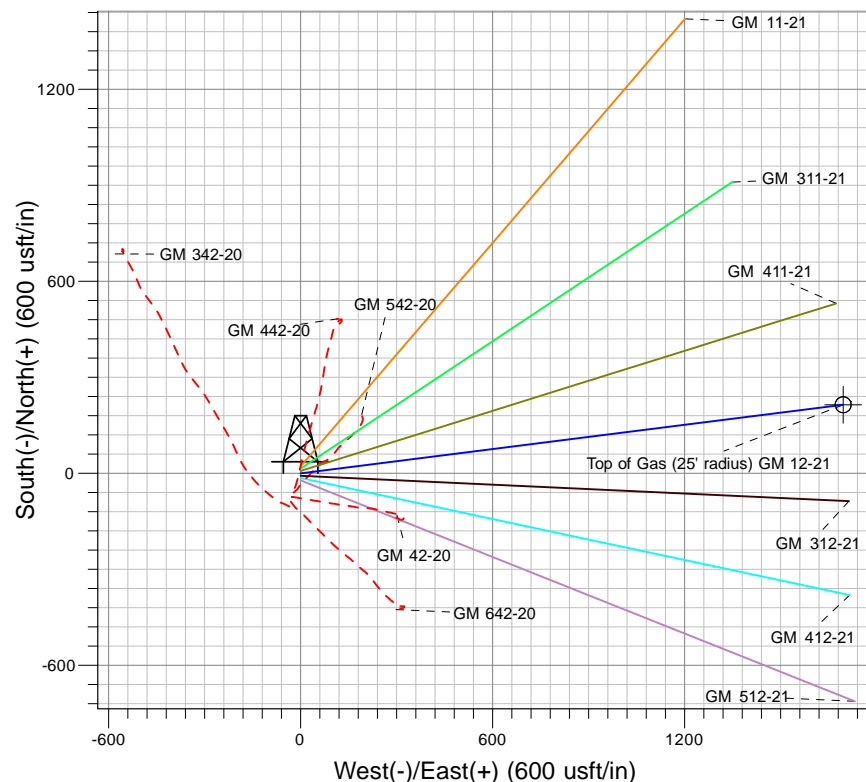
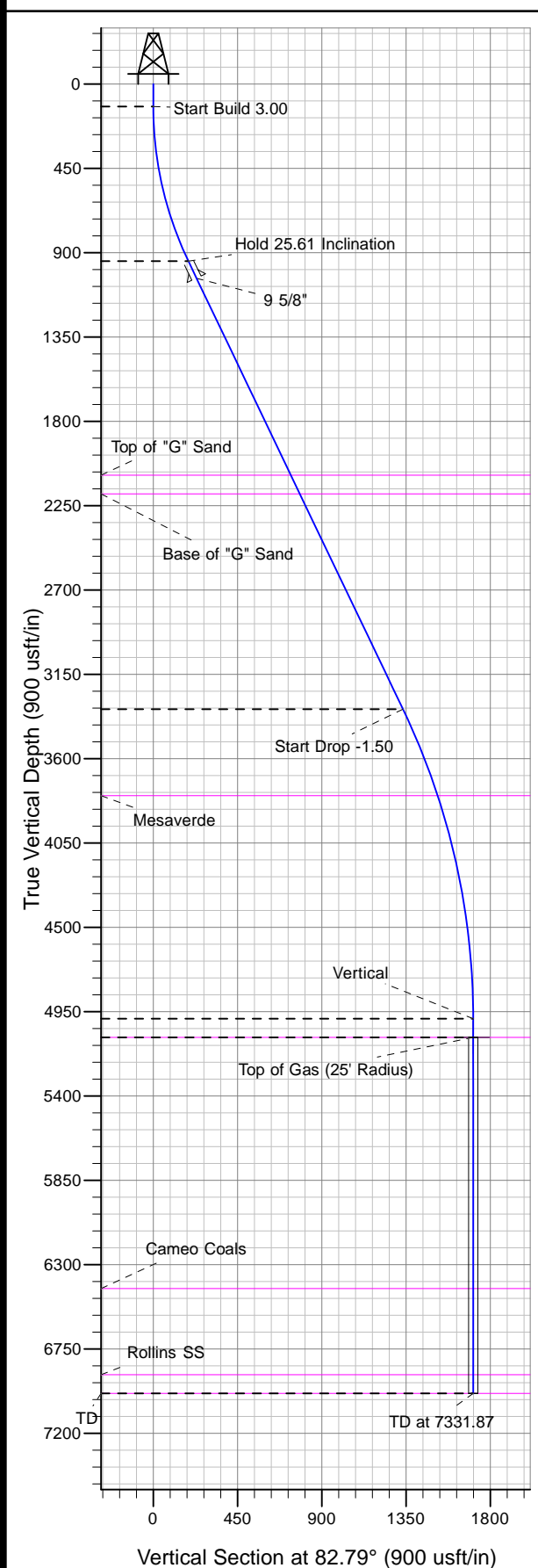




Well Name: GM 12-21
 Surface Location: GM 442-20 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5575.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1621885.08	2259346.28	39.51147	-108.12551	A4

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



Project: GV 20-06S-096W
 Site: GM 442-20 Pad
 Well: GM 12-21
 Design #2 28Nov12 kjs

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	Vsect	Departure	Annotation	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.00	
973.68	25.61	82.79	945.54	23.53	186.15	187.64	187.64	Hold 25.61 Inclination	
3624.51	25.61	82.79	3335.93	167.25	1322.92	1333.45	1333.45	Start Drop -1.50	
5331.87	0.00	0.00	4987.00	214.32	1695.23	1708.73	1708.73	Vertical	
5431.87	0.00	0.00	5087.00	214.32	1695.23	1708.73	1708.73	Top Gas	
7331.87	0.00	0.00	6987.00	214.32	1695.23	1708.73	1708.73	TD at 7331.87	