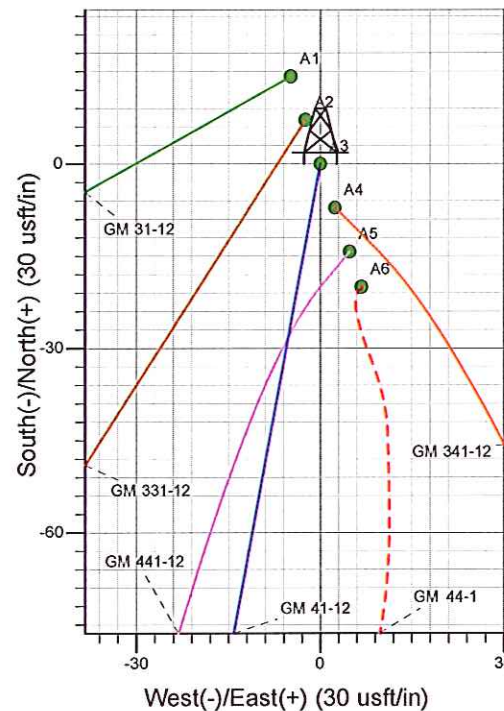
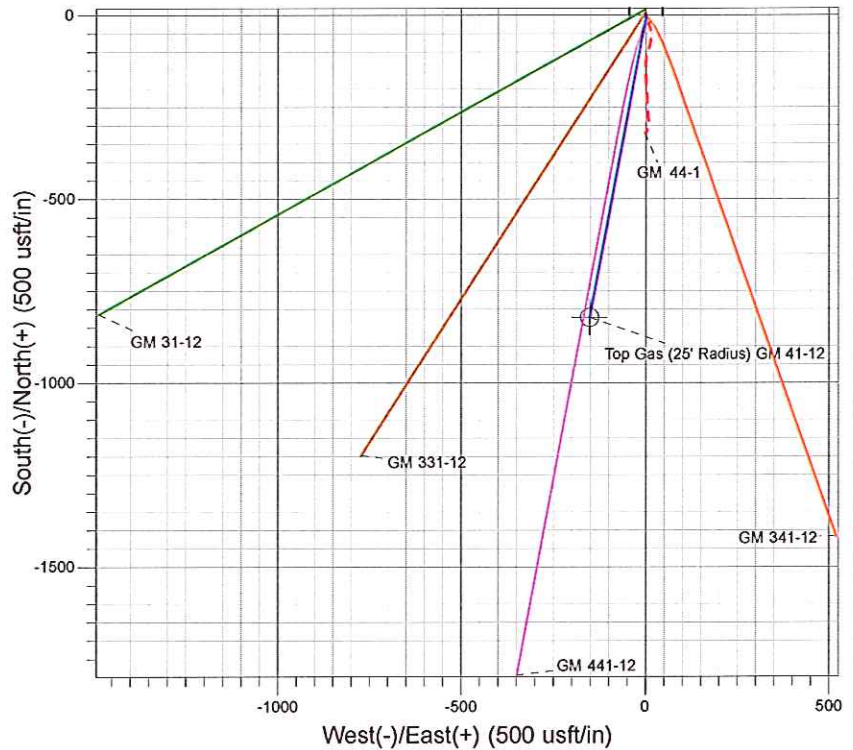
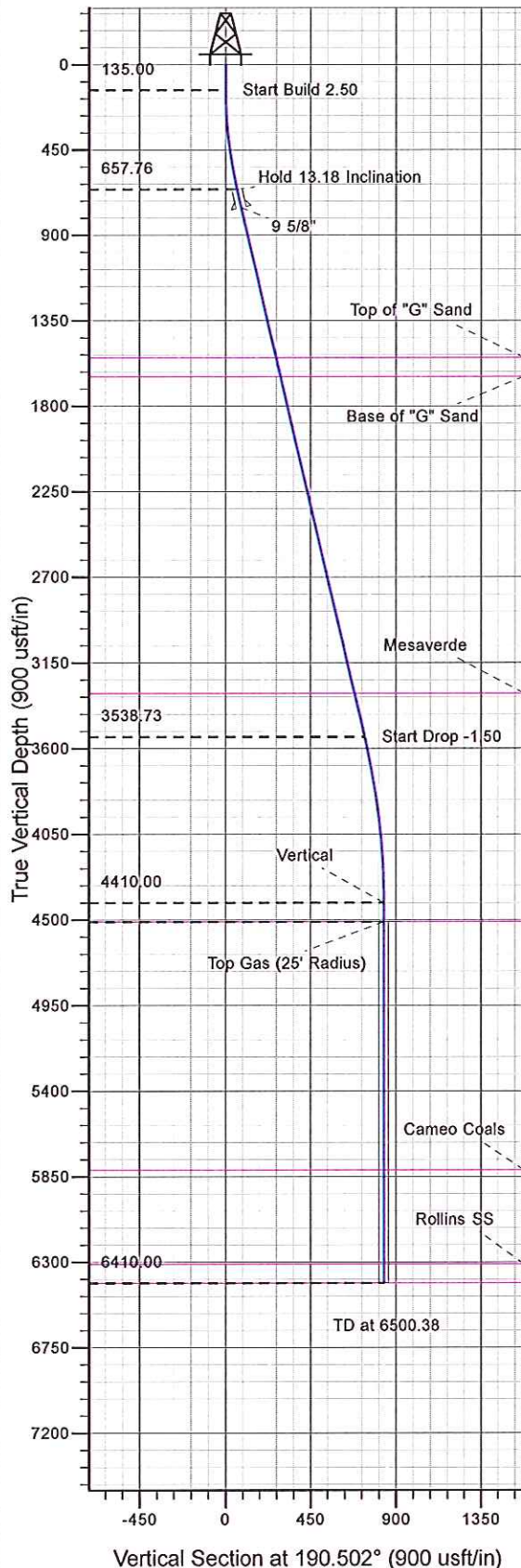




Well Name: GM 41-12
 Surface Location: GM 44-1 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 5209.00
 +N/-S 0.00 +E/-W 0.00 Northing 1603100.40 Easting 2279642.60 Latitude 39.46151 Longitude -108.05173 Slot A3
 KELLY BUSHING @ 5231.00usft (Cyclone 17 (22' RKB) kjs)



Project: GV 01-07S-096W
 Site: GM 44-1 Pad
 Well: GM 41-12
 Design #2 19Jun12 kjs

Azimuths to True North
 Magnetic North: 10.28°
 Magnetic Field
 Strength: 52154.4snT
 Dip Angle: 65.68°
 Date: 3/15/2012
 Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
135.00	0.00	0.000	135.00	0.00	0.00	0.00	0.00	Start Build 2.50
662.40	13.19	190.502	657.76	-59.40	-11.01	60.42	60.42	Hold 13.18 Inclination
3621.38	13.19	190.502	3538.73	-723.03	-134.03	735.35	735.35	Start Drop -1.50
4500.38	0.00	0.000	4410.00	-822.04	-152.38	836.04	836.04	Vertical
4600.38	0.00	0.000	4510.00	-822.04	-152.38	836.04	836.04	Top Gas
6500.38	0.00	0.000	6410.00	-822.04	-152.38	836.04	836.04	TD at 6500.38