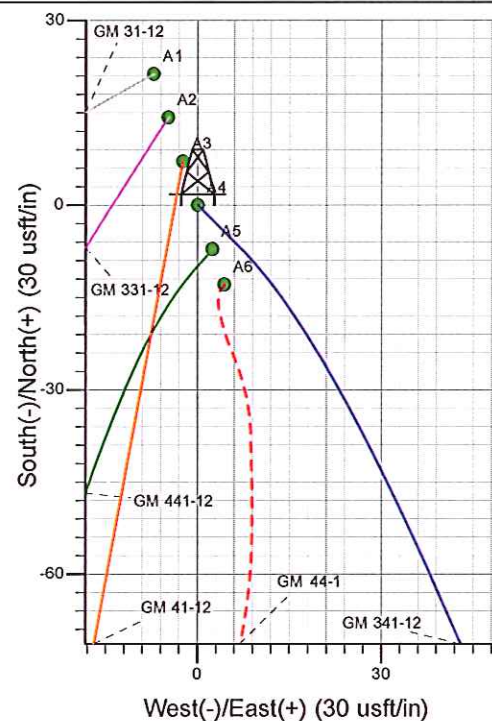
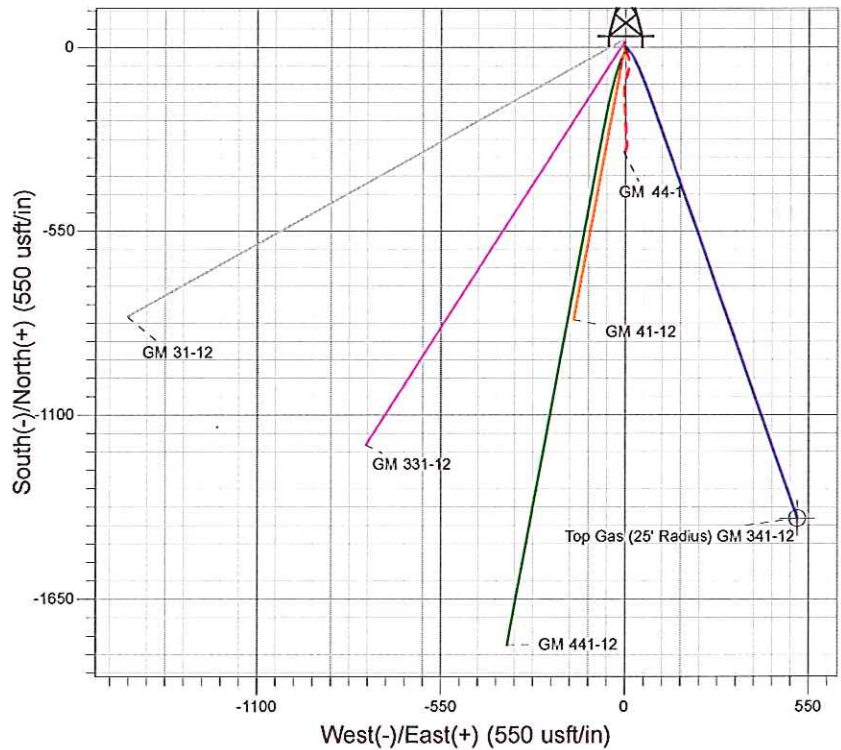
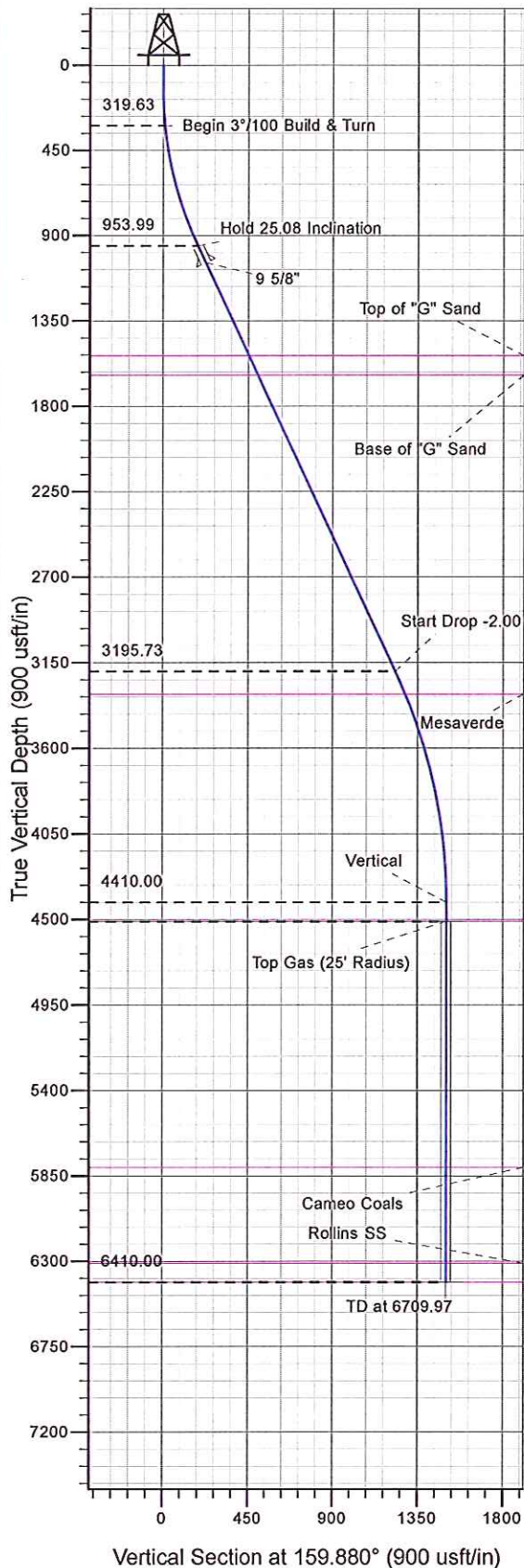




Well Name: GM 341-12
 Surface Location: GM 44-1 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 5209.00
 +N/-S 0.00 +E/-W 0.00 Northing 1603093.20 Easting 2279644.80 Latitude 39.46149 Longitude -108.05172 Slot A4
 KELLY BUSHING @ 5231.00usft (Cyclone 17 (2' RKB) kjs)



Project: GV 01-07S-096W
 Site: GM 44-1 Pad
 Well: GM 341-12
 Design #2 19Jun12 kjs

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

ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	0.00	0.000	120.00	0.00	0.00	0.00	0.00	Start Build 3.00
320.00	6.00	135.000	319.63	-7.40	7.40	9.49	10.46	Begin 3°/100 Build & Turn
980.98	25.08	160.647	953.99	-165.57	78.96	182.63	184.88	Hold 25.08 Inclinometer
3456.05	25.08	160.647	3195.73	-1155.38	426.61	1231.62	1233.96	Start Drop -2.00
4709.97	0.00	0.000	4410.00	-1410.19	516.10	1501.66	1504.03	Vertical
4809.97	0.04	359.345	4510.00	-1410.18	516.10	1501.66	1504.03	Top Gas
6709.97	0.08	359.345	6410.00	-1408.72	516.09	1500.28	1505.49	TD at 6709.97