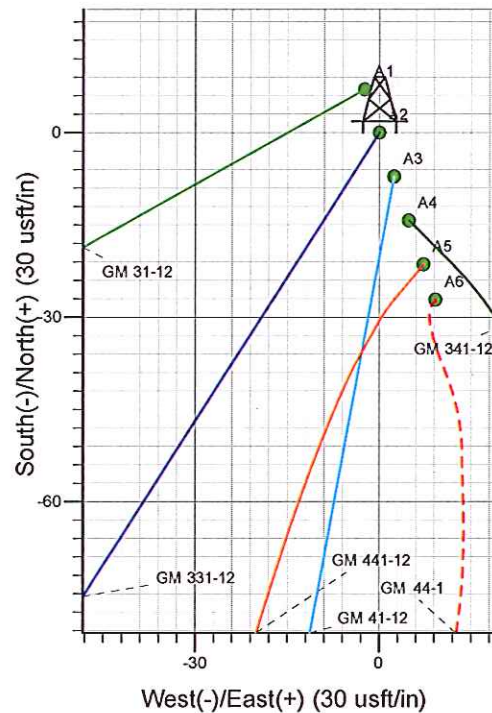
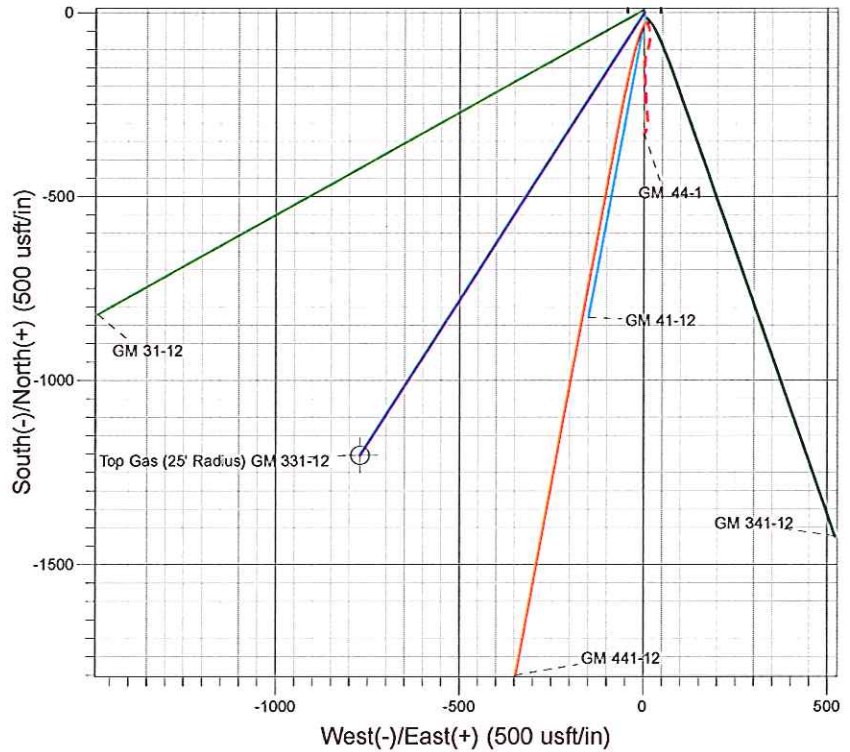
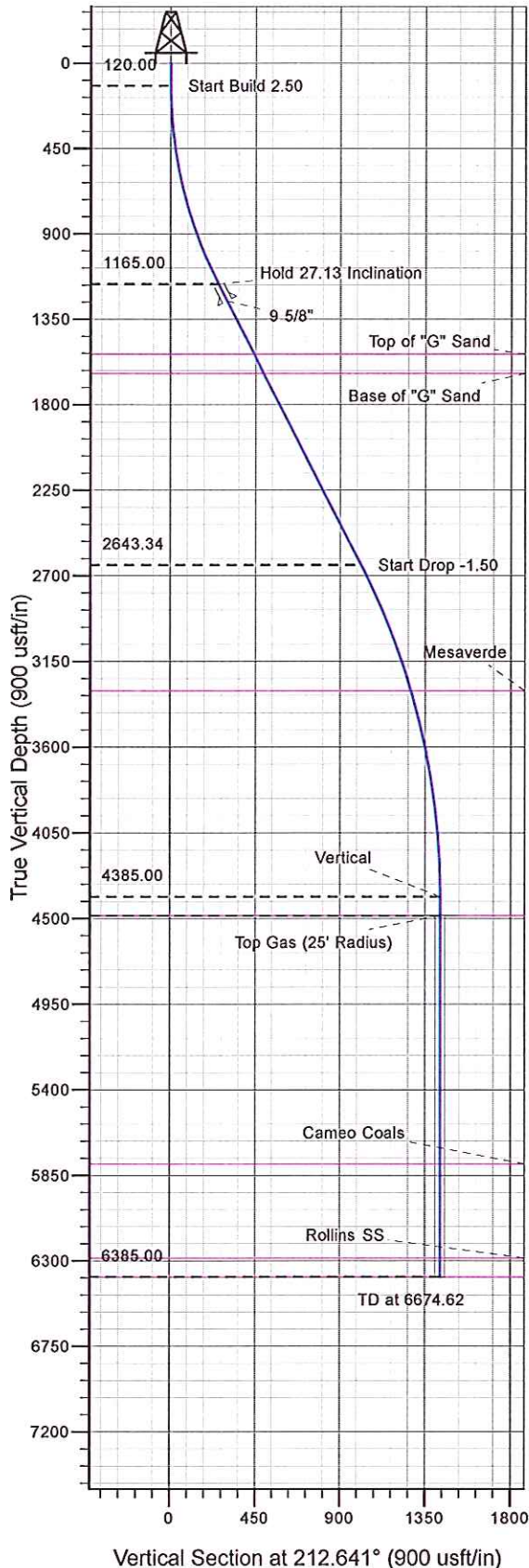




Well Name: GM 331-12
 Surface Location: GM 44-1 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5209.00
 +N/-S 0.00 +E/-W 0.00 Northing 1603107.60 Easting 2279640.40 Latitude 39.46153 Longitude -108.05174 Slot A2
 KELLY BUSHING @ 5231.00usft (Cyclone 17 (22' RKB) kjs)



Project: GV 01-07S-096W
 Site: GM 44-1 Pad
 Well: GM 331-12
 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
120.00	0.00	0.000	120.00	0.00	0.00	0.00	0.00	Start Build 2.50
1205.09	27.13	212.641	1165.00	-212.29	-135.98	252.11	252.11	Hold 27.13 Inclination
2866.14	27.13	212.641	2643.34	-850.06	-544.49	1009.50	1009.50	Start Drop -1.50
4674.62	0.00	0.000	4385.00	-1203.88	-771.13	1429.68	1429.68	Vertical
4774.62	0.00	0.000	4485.00	-1203.88	-771.13	1429.68	1429.68	Top Gas
6674.62	0.00	0.000	6385.00	-1203.88	-771.13	1429.68	1429.68	TD at 6674.62