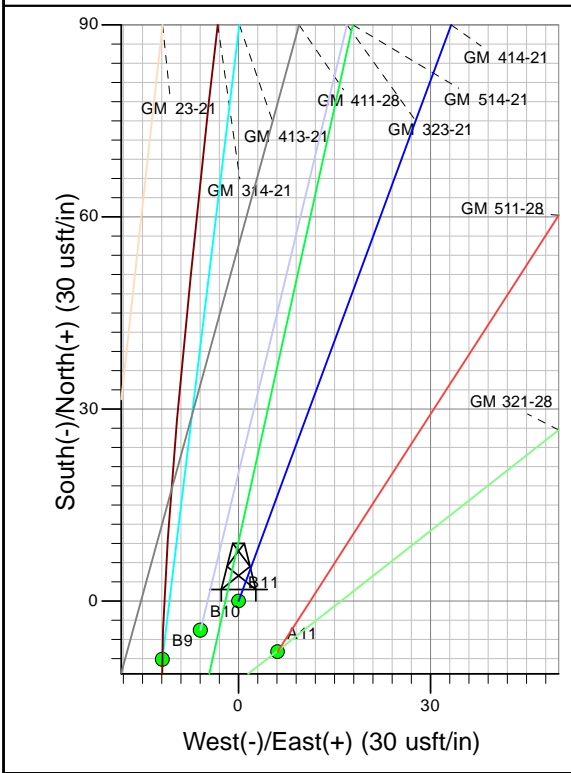
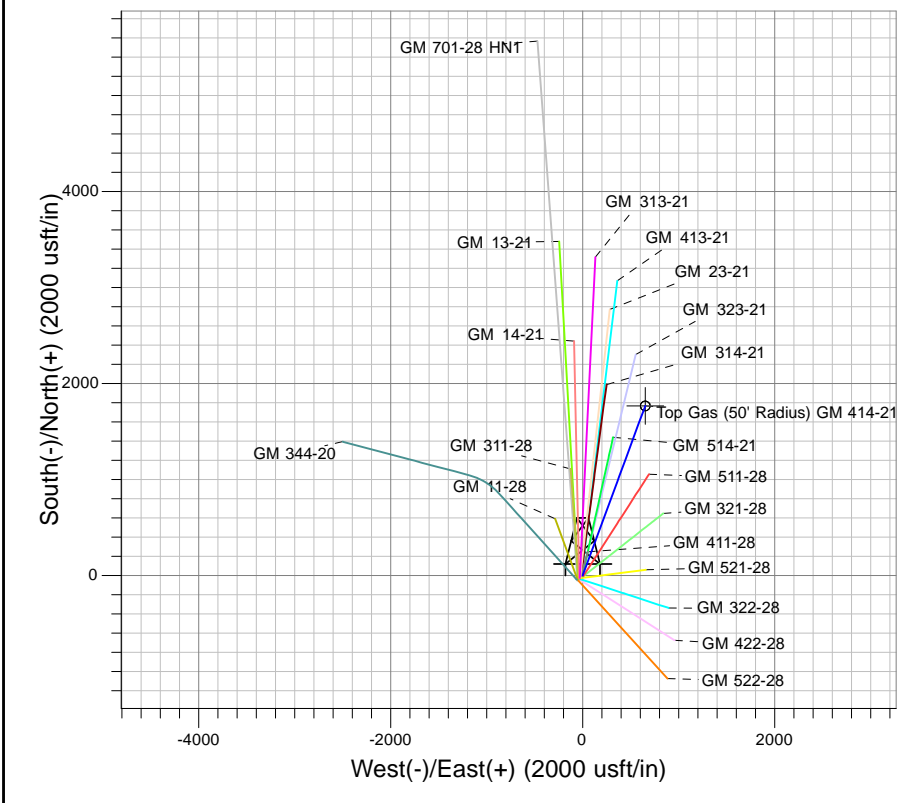
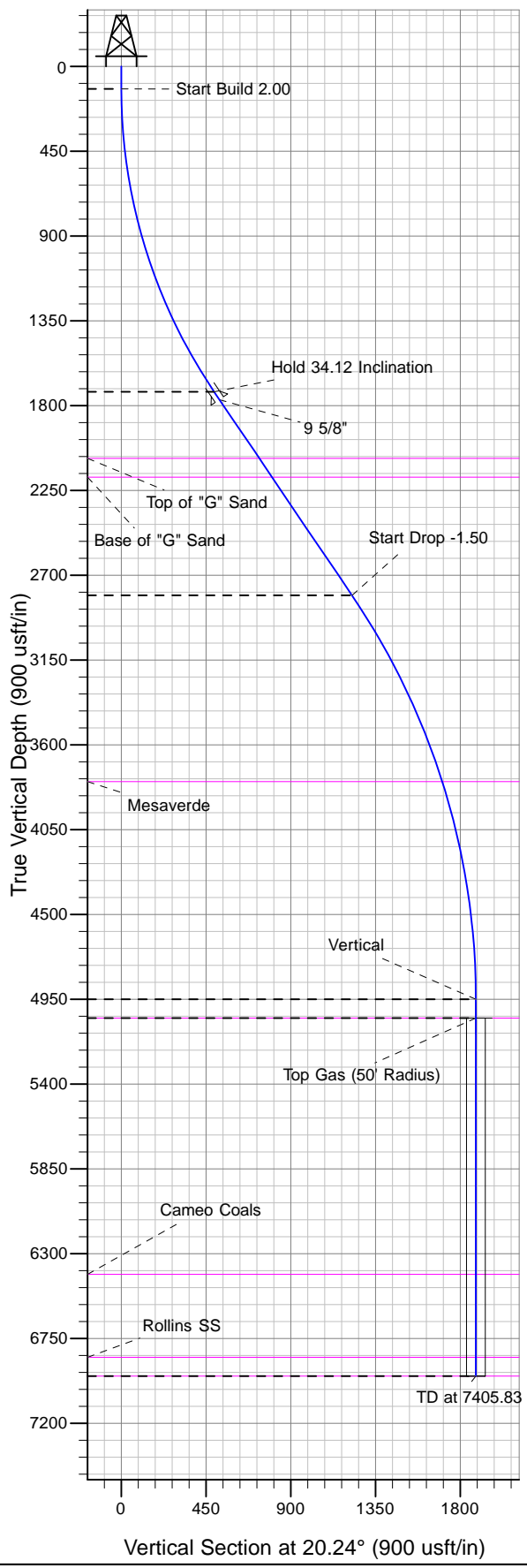




Well Name: GM 414-21
 Surface Location: GM 11-28 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 5604.00
 +N/-S 0.00 +E/-W 0.00 Northing 1617299.31 Easting 2260967.52 Latitude 39.49901 Longitude -108.11930 Slot B11
 KELLY BUSHING @ 5626.00usft (Cyclone 17 (22' RKB) kjs)



Project: SG 28-06S-096W
 Site: GM 11-28 Pad
 Well: GM 414-21
 Design #1 14Jun13 kjs

T M
 Azimuths to True North
 Magnetic North: 10.15°
 Magnetic Field
 Strength: 52037.2snT
 Dip Angle: 65.66°
 Date: 6/14/2013
 Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1727.03	1826.10	34.12	20.24	462.73	170.64	493.19	493.19	Hold 34.12 Inclination
2807.30	3131.03	34.12	20.24	1149.52	423.92	1225.20	1225.20	Start Drop -1.50
4950.00	5405.83	0.00	0.00	1766.49	651.44	1882.78	1882.78	Vertical
5050.00	5505.83	0.00	0.00	1766.49	651.44	1882.78	1882.78	Top Gas
6950.00	7405.83	0.00	0.00	1766.49	651.44	1882.78	1882.78	TD at 7405.83