



Well Name: GM 314-21  
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  
1617278.04

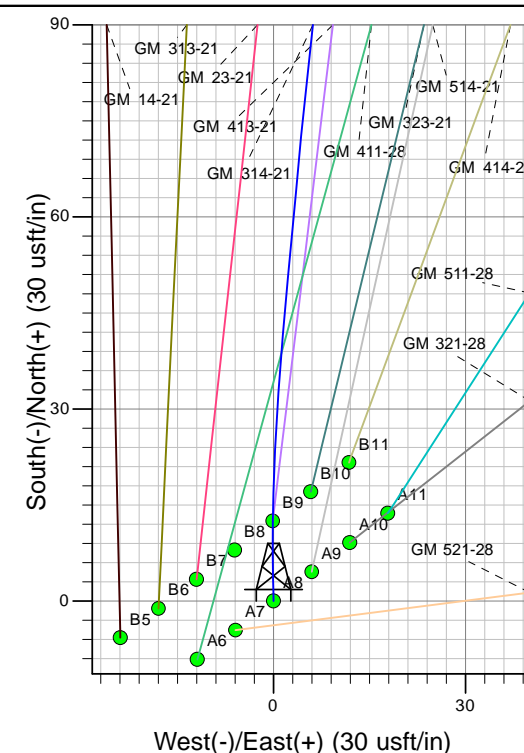
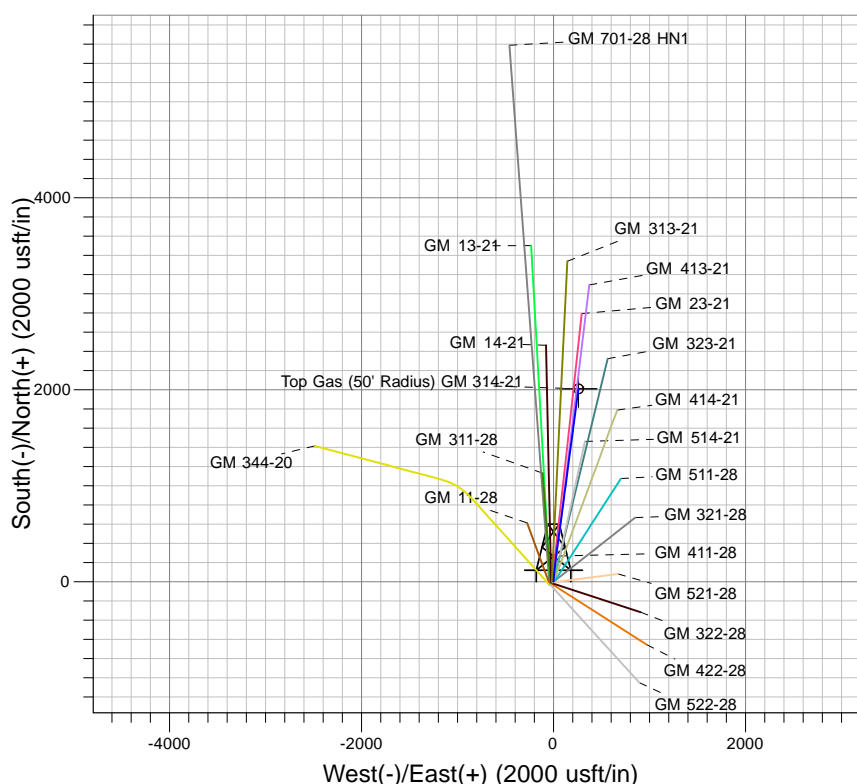
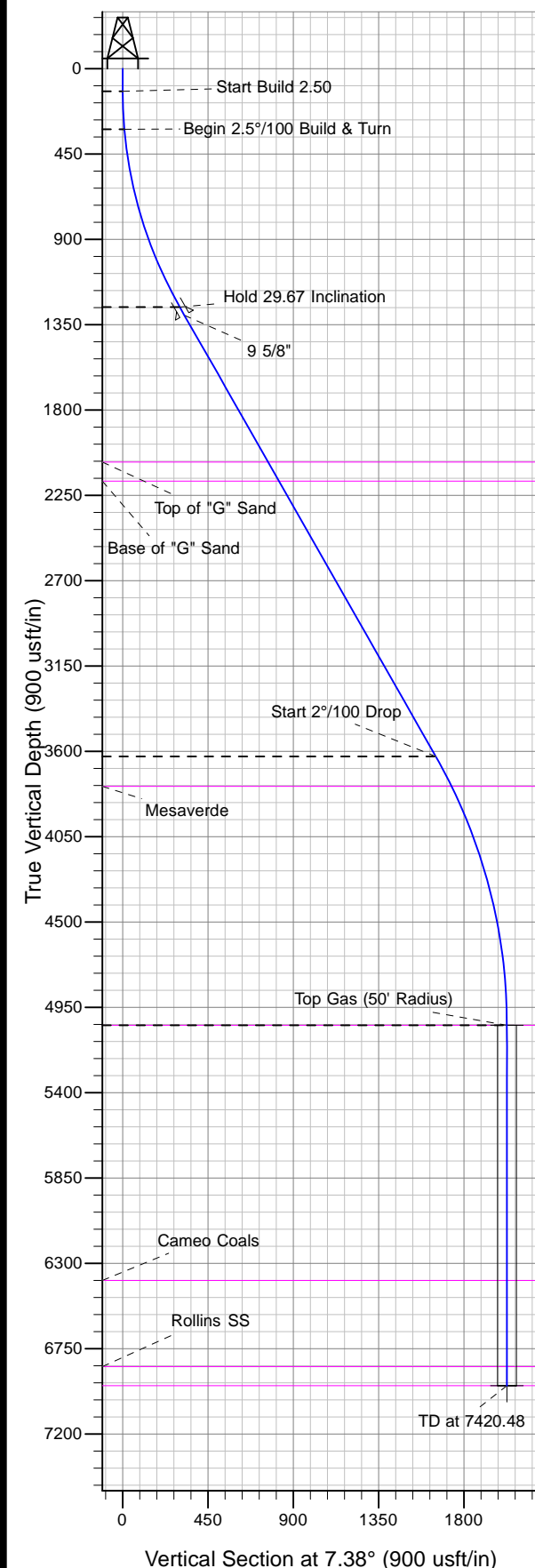
Easting  
2260955.13

Latitude  
39.49895

Longitude  
-108.11934

Slot  
A8

KELLY BUSHING @ 5626.00usft (Cyclone 17 (22' RKB) kjs)



Project: SG 28-06S-096W  
Site: GM 11-28 Pad  
Well: GM 314-21  
Design #1 14Jun13 kjs



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 2.50
319.75	320.00	5.00	359.00	8.72	-0.15	8.63	8.72	Begin 2.5°/100 Build & Turn
1257.15	1309.56	29.67	7.60	299.15	32.01	300.78	301.03	Hold 29.67 Inclination
3626.82	4036.86	29.67	7.60	1637.40	210.66	1650.89	1651.15	Start 2°/100 Drop
5045.00	5520.48	0.00	317.81	2009.76	260.36	2026.55	2026.81	Top Gas
6945.00	7420.48	0.00	317.81	2009.76	260.36	2026.56	2026.82	TD at 7420.48