



+N/-S  
0.00

+E/-W  
0.00

Northing  
1617290.53

Well Name: GM 413-21

Surface Location: GM 11-28 Pad

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

Ground Elevation: 5604.00

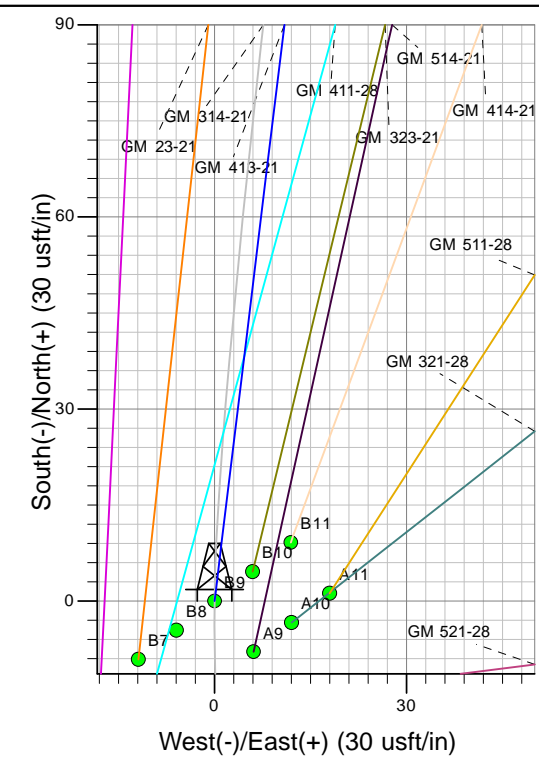
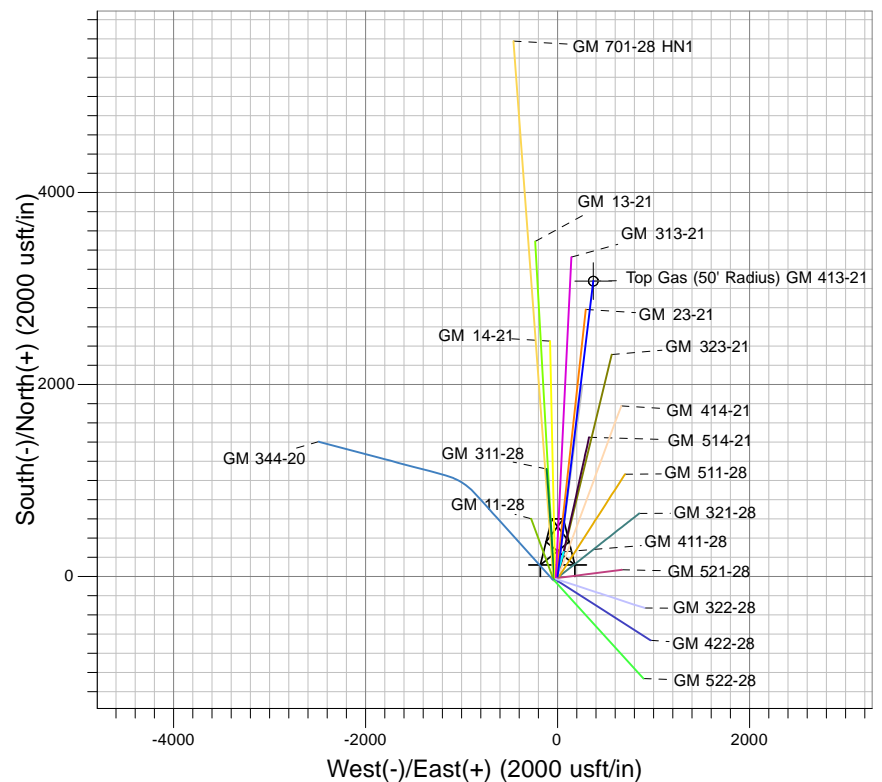
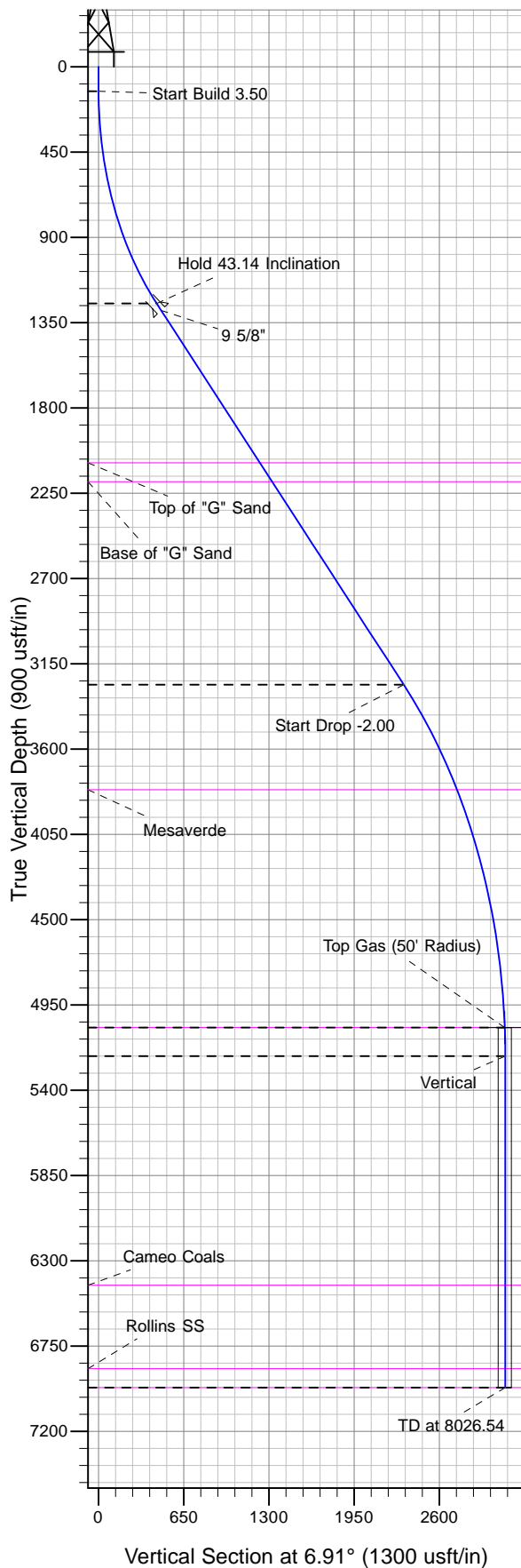
Easting  
2260955.36

Latitude  
39.49899

Longitude  
-108.11934

Slot  
B9

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



Project: SG 28-06S-096W  
Site: GM 11-28 Pad  
Well: GM 413-21  
Design # 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
130.00	130.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
1249.37	1362.57	43.14	6.91	439.30	53.21	442.51	442.51	Hold 43.14 Inclination
3261.04	4119.47	43.14	6.91	2310.75	279.88	2327.63	2327.63	Start Drop -2.00
5070.00	6126.47	3.00	6.91	3075.63	372.52	3098.10	3098.10	Top Gas
5219.93	6276.47	0.00	0.00	3079.52	372.99	3102.03	3102.03	Vertical
6970.00	8026.54	0.00	0.00	3079.52	372.99	3102.03	3102.03	TD at 8026.54