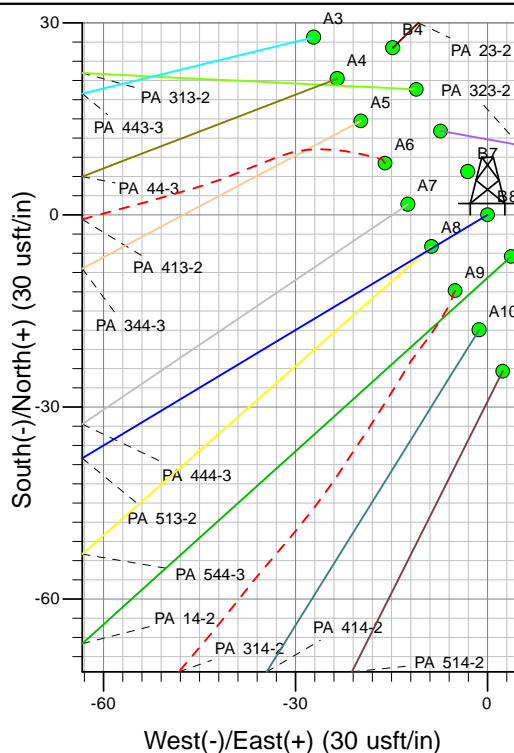
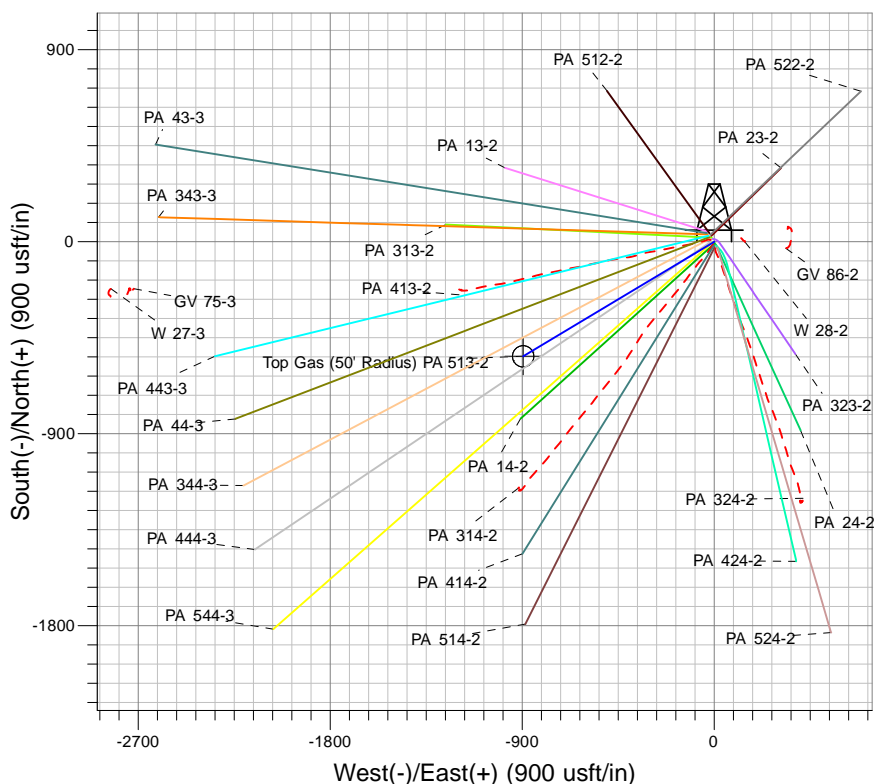
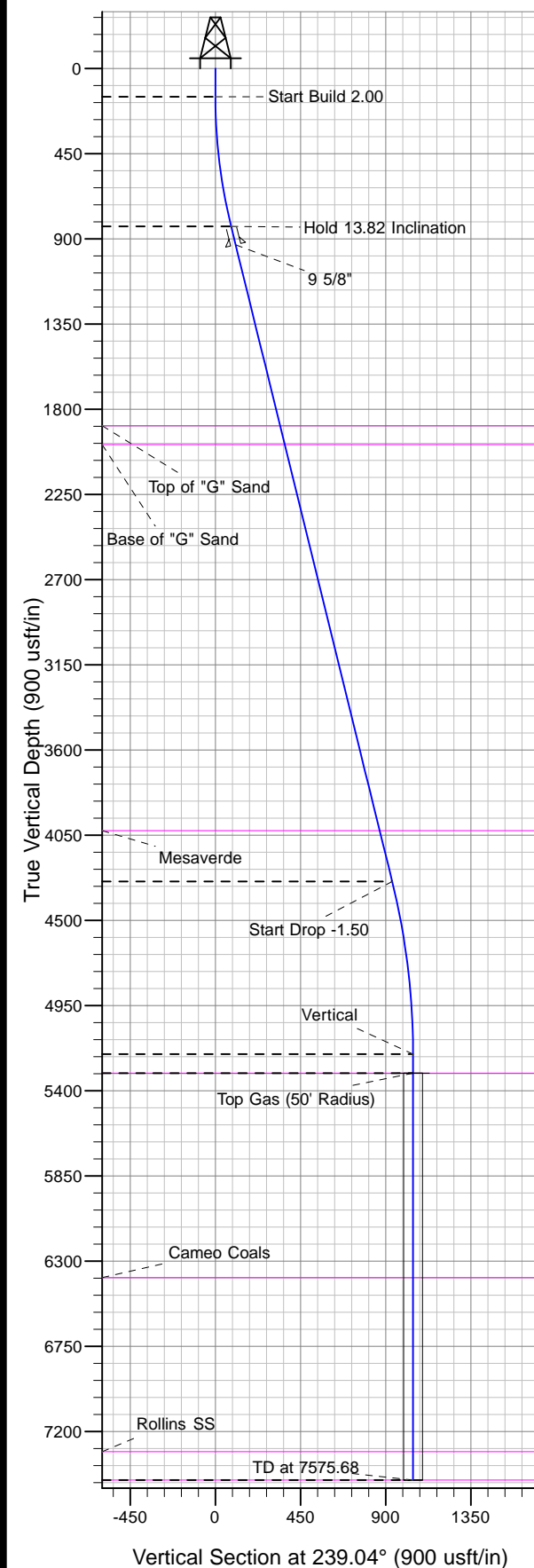




Well Name: PA 513-2  
Surface Location: GV 86-2 Pad  
North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
Ground Elevation: 5821.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603746.90	2302947.90	39.46505	-107.96928	B8

KELLY BUSHING @ 5847.00usft (Nabors 577 (26' RKB) kjs)



Project: PA 02-07S-095W  
Site: GV 86-2 Pad  
Well: PA 513-2  
Plan #2 12Feb13 kjs



Azimuths to True North  
Magnetic North: 10.78°  
Magnetic Field  
Strength: 52624.2snT  
Dip Angle: 65.82°  
Date: 10/31/2007  
Model: IGRF2005-10

#### ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	Start Build 2.00
840.78	13.82	239.04	834.10	-42.63	-71.07	82.88	82.88	Hold 13.82 Inclination
4404.64	13.82	239.04	4294.86	-480.42	-800.88	933.92	933.92	Start Drop -1.50
5325.68	0.00	0.00	5207.00	-537.27	-895.64	1044.43	1044.43	Vertical
5425.68	0.00	0.00	5307.00	-537.27	-895.64	1044.43	1044.43	Top Gas
7575.68	0.00	0.00	7457.00	-537.27	-895.64	1044.43	1044.43	TD at 7575.68