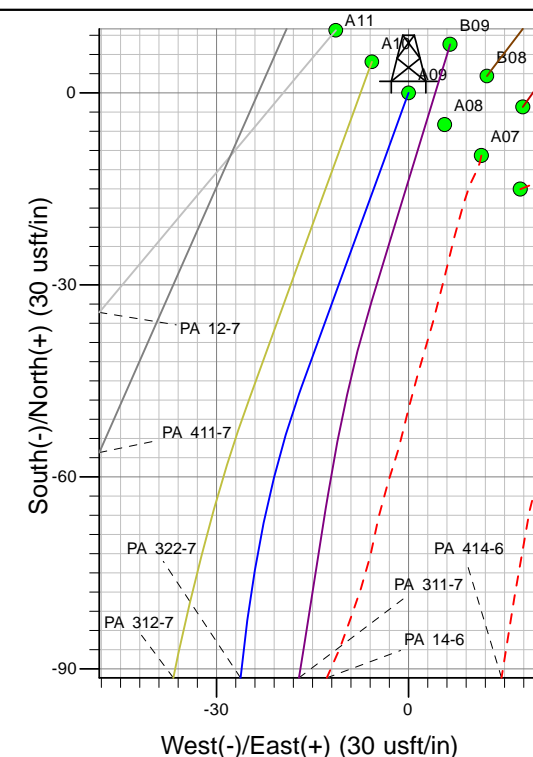
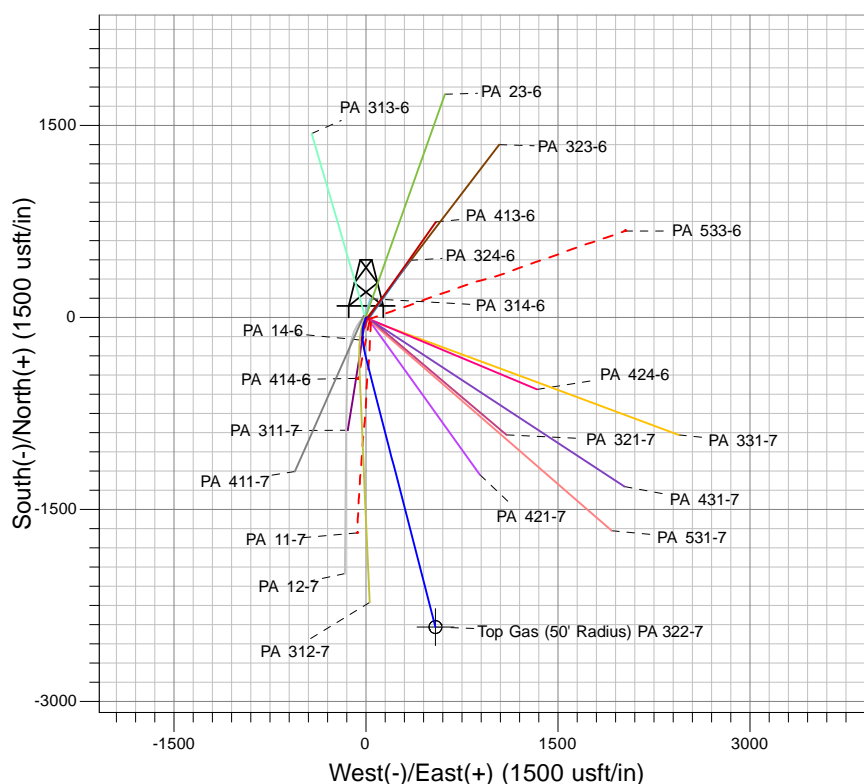
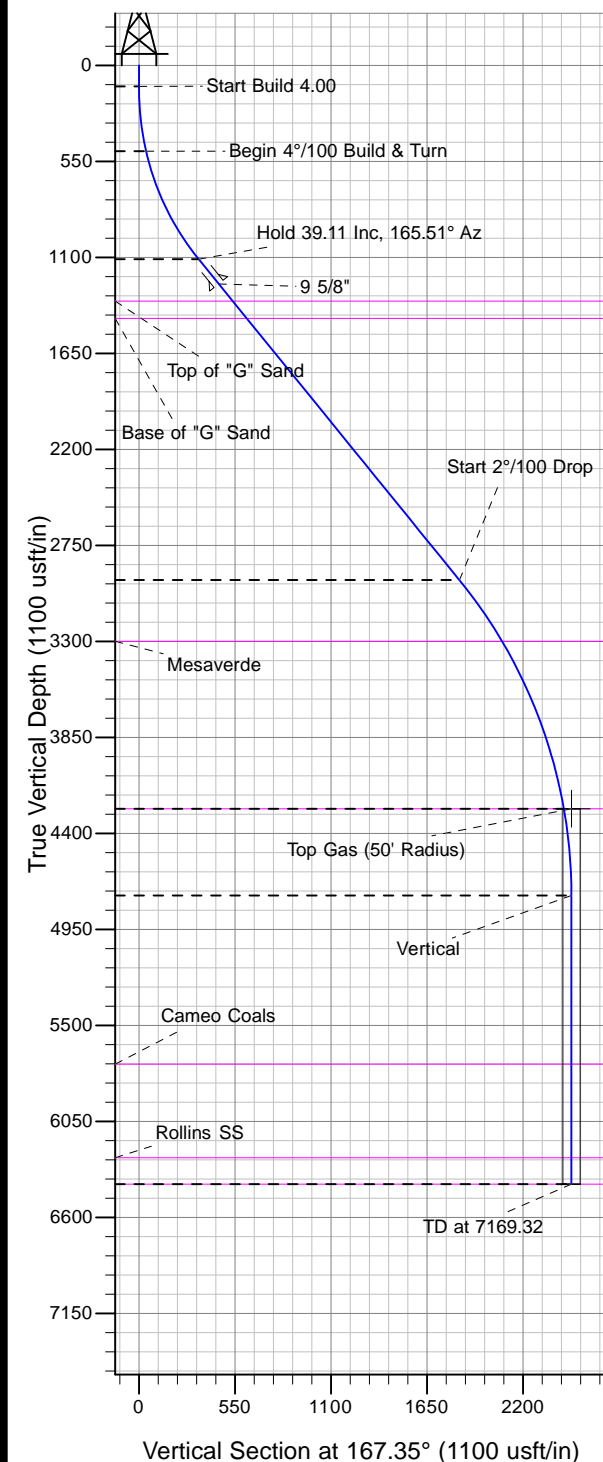




Well Name: PA 322-7  
Surface Location: PA 14-6 Pad  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
Ground Elevation: 5153.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603160.00	2281091.10	39.46178	-108.04661	A09

KELLY BUSHING @ 5179.00usft (Nabors 574 (26' RKB))



Project: PA 06-07S-095W  
Site: PA 14-6 Pad  
Well: PA 322-7  
Design #3 18Dec13 kjs

Azimuths to True North  
Magnetic North: 10.02°  
Magnetic Field  
Strength: 51953.2snT  
Dip Angle: 65.63°  
Date: 3/19/2014  
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 4.00
490.73	495.00	15.00	200.00	-45.86	-16.69	41.10	48.81	Begin 4°/100 Build & Turn
1109.71	1191.66	39.11	165.51	-349.34	7.95	342.60	356.96	Hold 39.11 Inc, 165.51° Az
2948.23	3561.16	39.11	165.51	-1796.56	382.03	1836.61	1851.75	Start 2°/100 Drop
4258.00	5016.78	10.00	165.51	-2375.97	531.79	2434.75	2450.20	Top Gas
4755.47	5516.78	0.00	0.00	-2418.11	542.68	2478.25	2493.72	Vertical
6408.00	7169.32	0.00	0.00	-2418.11	542.68	2478.25	2493.72	TD at 7169.32