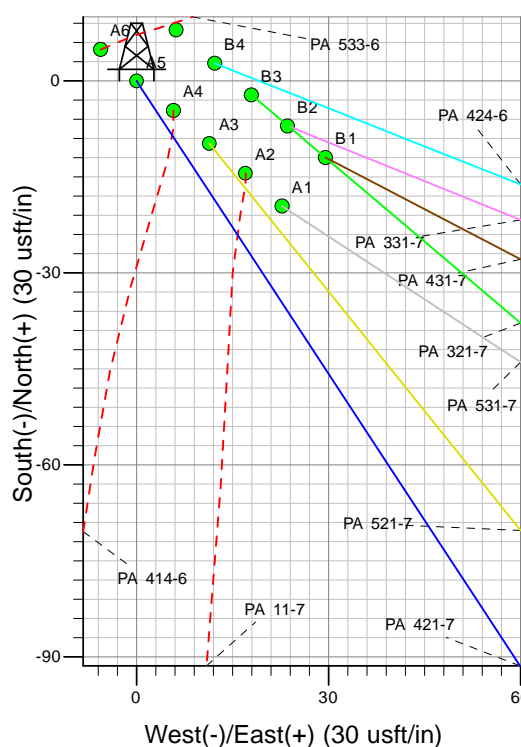
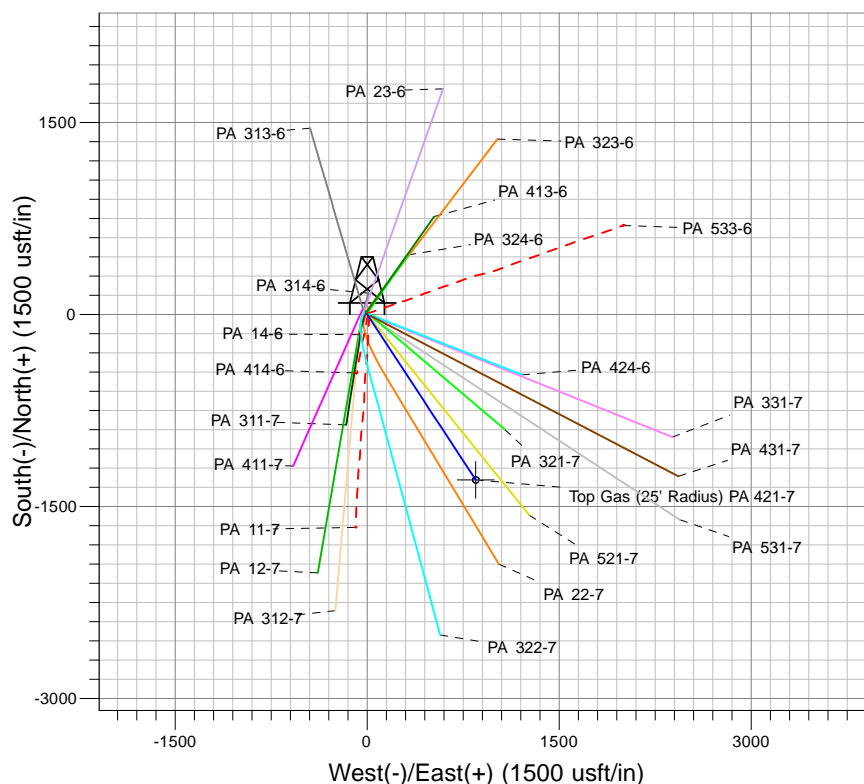
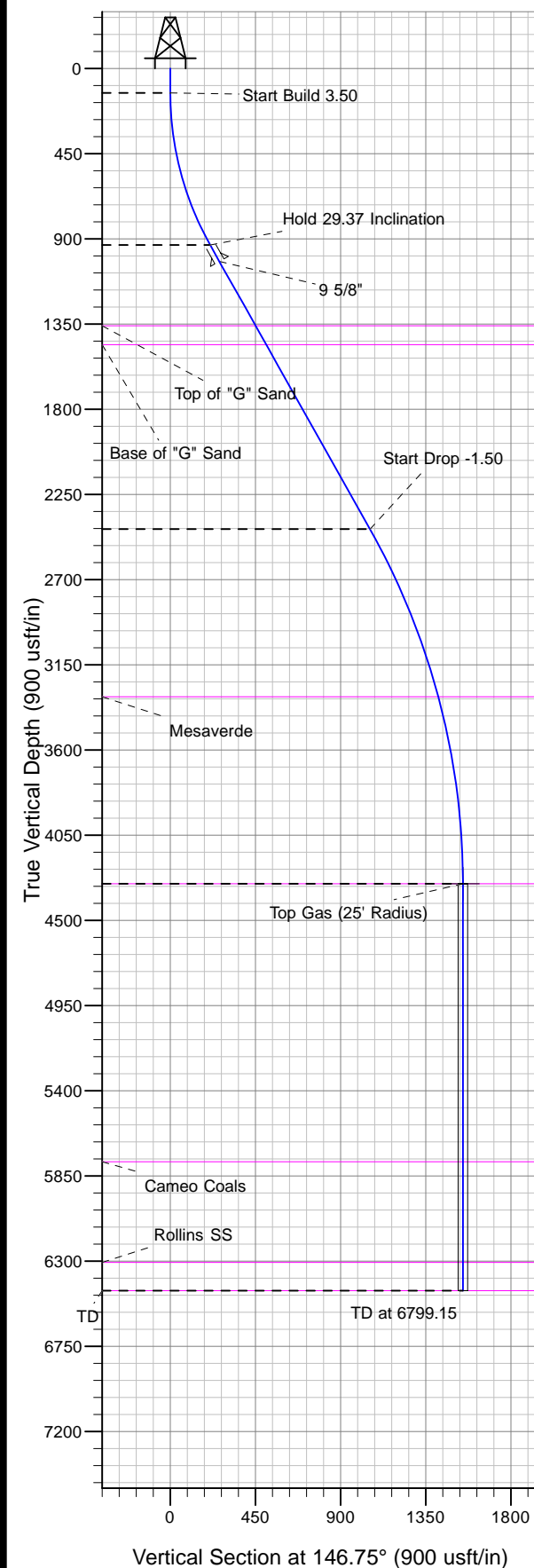




Well Name: PA 421-7
Surface Location: PA 14-6 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5153.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603139.40	2281113.60	39.46173	-108.04653	A5

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



Project: PA 06-07S-095W
Site: PA 14-6 Pad
Well: PA 421-7
Plan #2 13Nov12 kjs



Azimuths to True North
Magnetic North: 10.63°
Magnetic Field
Strength: 52475.1snT
Dip Angle: 65.77°
Date: 4/17/2009
Model: IGRF2005

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
130.00	0.00	0.00	130.00	0.00	0.00	0.00	0.00	Start Build 3.50
969.00	29.37	146.75	932.75	-175.90	115.33	210.34	210.34	Hold 29.37 Inclination
2691.48	29.37	146.75	2433.91	-882.26	578.47	1054.99	1054.99	Start Drop -1.50
4649.15	0.00	0.00	4307.00	-1292.69	847.58	1545.78	1545.78	Top Gas
6799.15	0.00	0.00	6457.00	-1292.69	847.58	1545.78	1545.78	TD at 6799.15