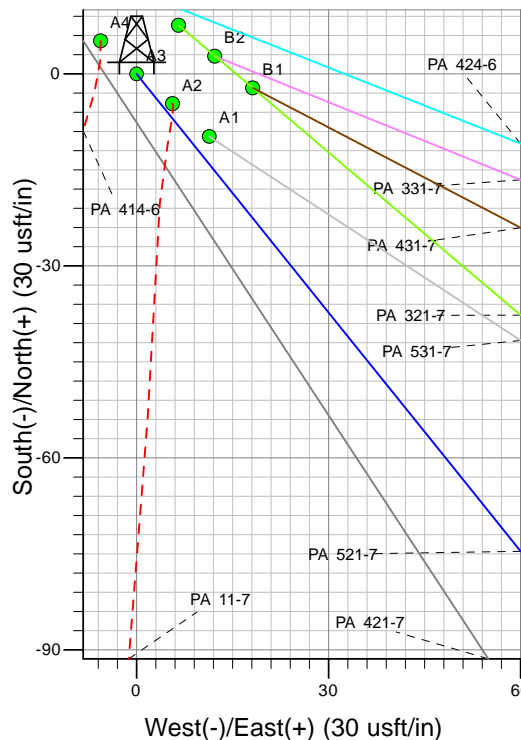
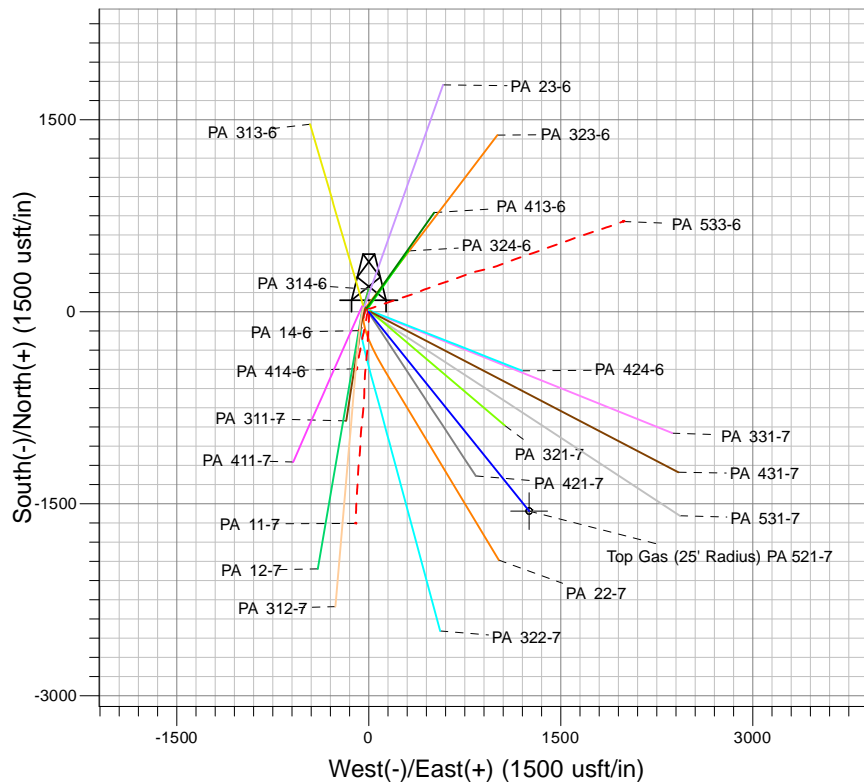
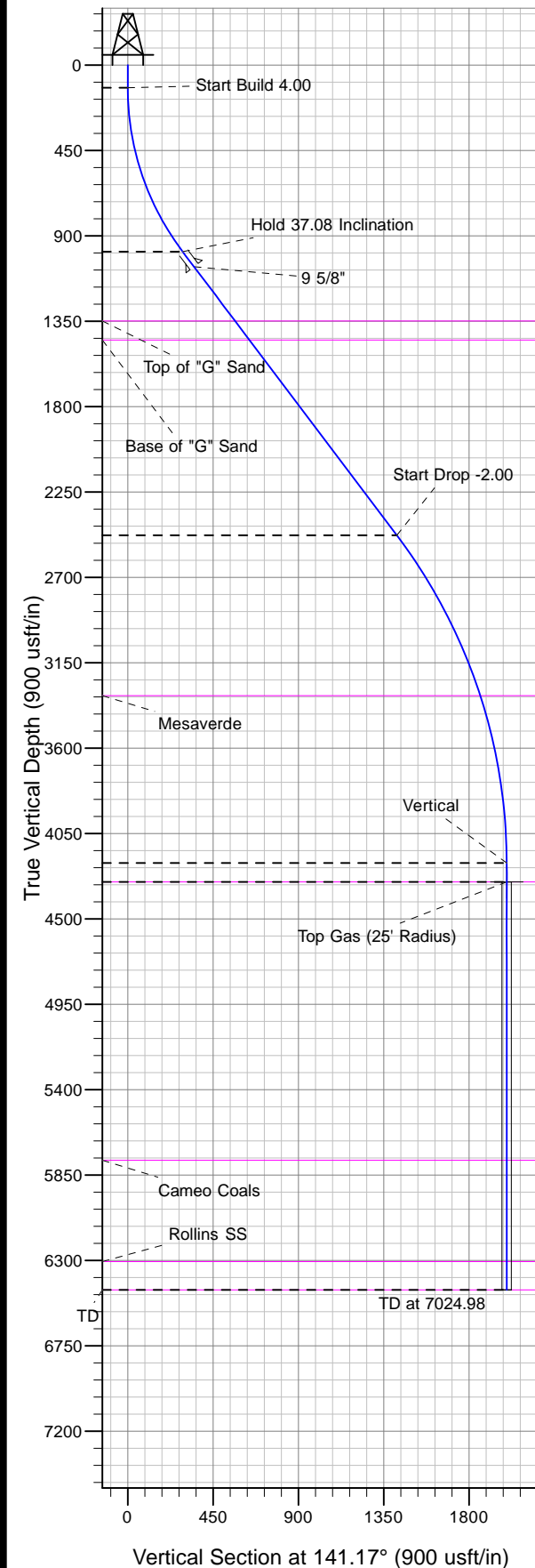




Well Name: PA 521-7
Surface Location: PA 14-6 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5153.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603129.30	2281124.70	39.46170	-108.04648	A3

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



Project: PA 06-07S-095W
Site: PA 14-6 Pad
Well: PA 521-7
Plan #2 13Nov12 kjs

M 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
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 4.00
1046.94	37.08	141.17	983.59	-225.60	181.59	289.60	289.60	Hold 37.08 Inclination
2921.10	37.08	141.17	2478.83	-1105.81	890.08	1419.53	1419.53	Start Drop -2.00
4774.98	0.00	0.00	4206.00	-1557.01	1253.26	1998.73	1998.73	Vertical
4874.98	0.00	0.00	4306.00	-1557.01	1253.26	1998.73	1998.73	Top Gas
7024.98	0.00	0.00	6456.00	-1557.01	1253.26	1998.73	1998.73	TD at 7024.98