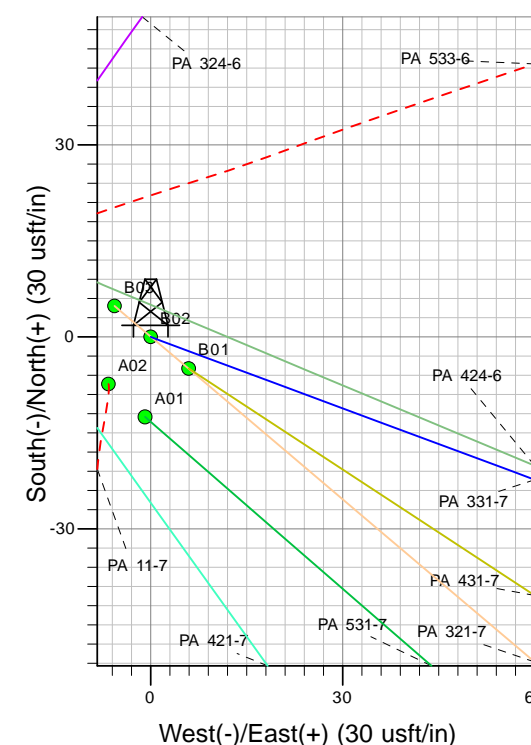
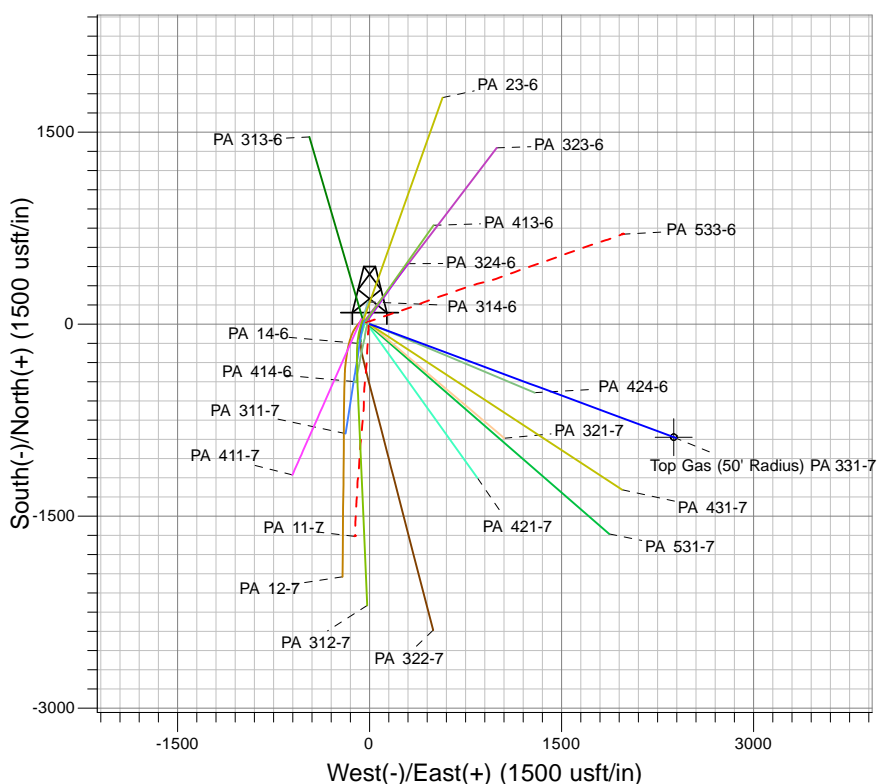
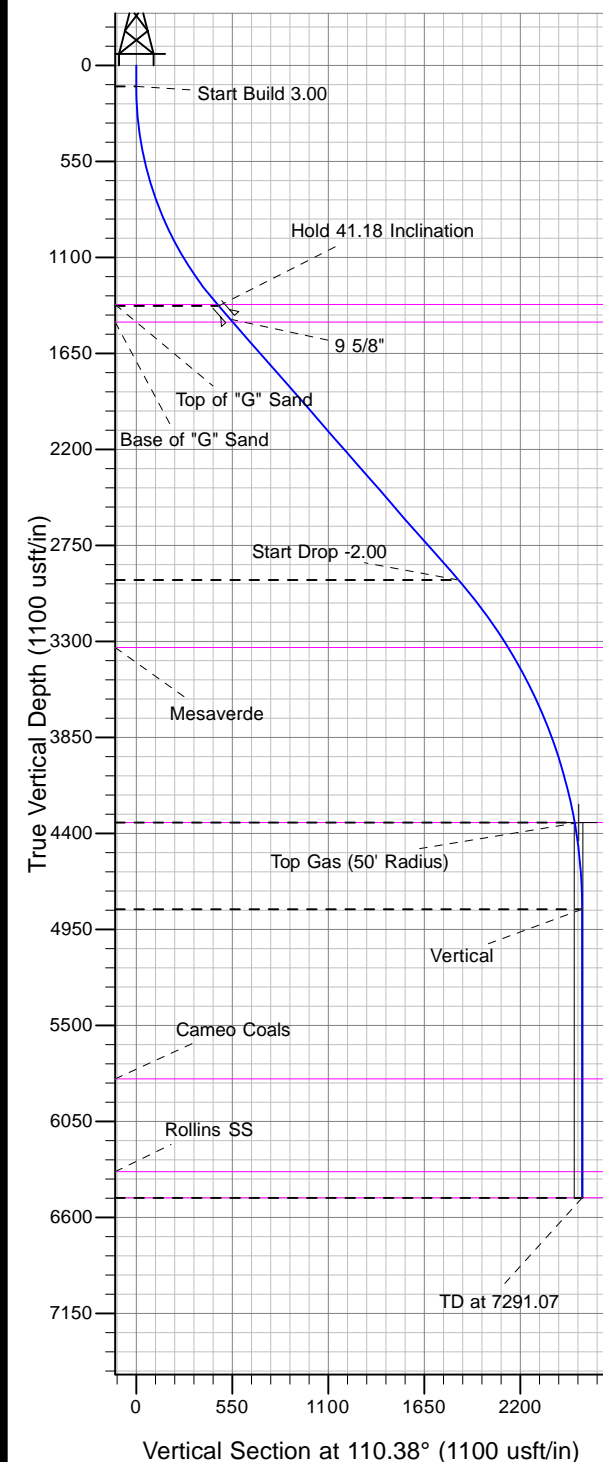




Well Name: PA 331-7
 Surface Location: PA 14-6 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 5153.00
 +N/-S 0.00 +E/-W 0.00 Northing 1603131.70 Easting 2281137.00 Latitude 39.46171 Longitude -108.04644 Slot B02
 KELLY BUSHING @ 5179.00usft (Nabors 574 (26' KB))



Project: PA 06-07S-095W
 Site: PA 14-6 Pad
 Well: PA 331-7
 Design #3 16Dec13 kjs



Azimuths to True North
 Magnetic North: 10.04°
 Magnetic Field
 Strength: 51970.5nT
 Dip Angle: 65.63°
 Date: 1/15/2014
 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 3.00
1377.47	1492.62	41.18	110.38	-164.53	442.80	472.38	472.38	Hold 41.18 Inclination
2948.27	3579.61	41.18	110.38	-643.13	1730.85	1846.47	1846.47	Start Drop -2.00
4337.00	5138.54	10.00	110.38	-874.77	2354.26	2511.52	2511.52	Top Gas
4834.47	5638.54	0.00	0.00	-889.93	2395.05	2555.05	2555.05	Vertical
6487.00	7291.07	0.00	0.00	-889.93	2395.05	2555.05	2555.05	TD at 7291.07