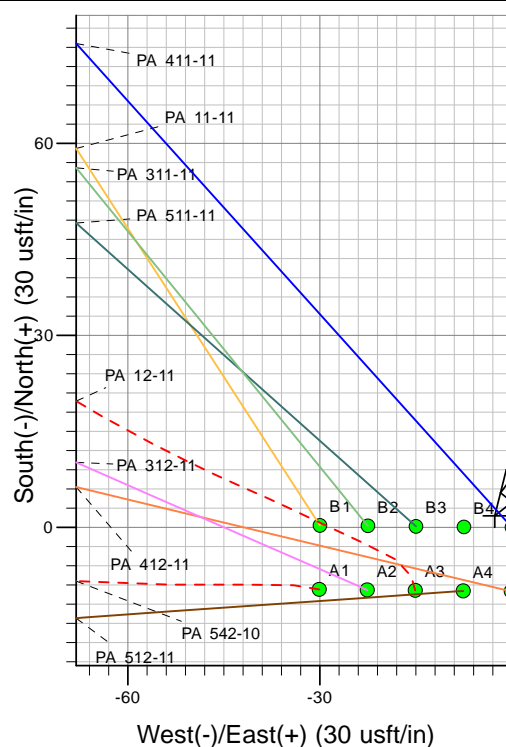
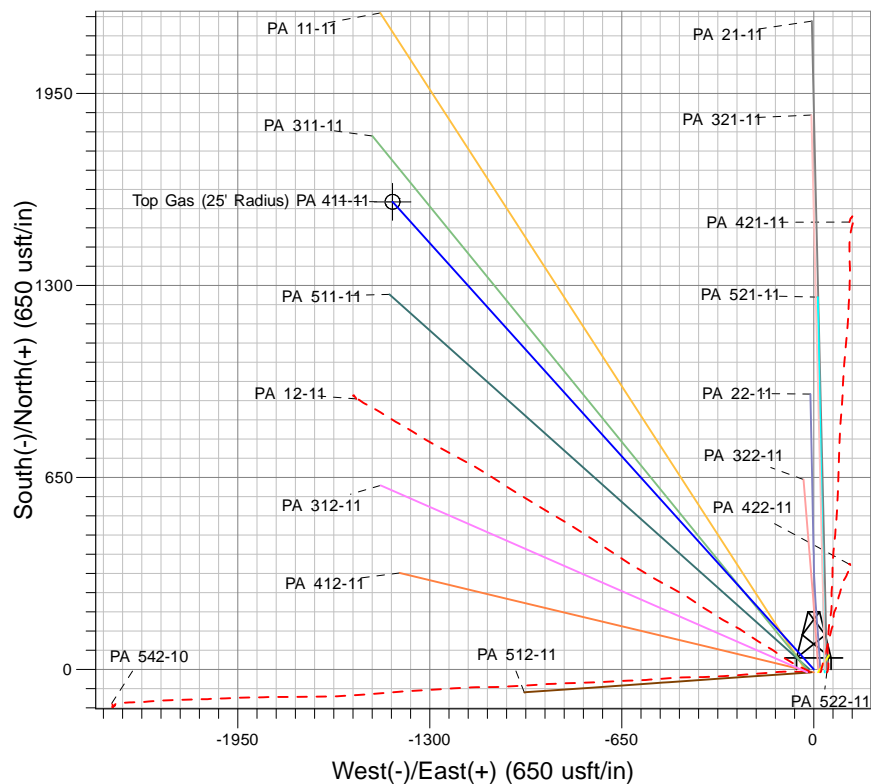
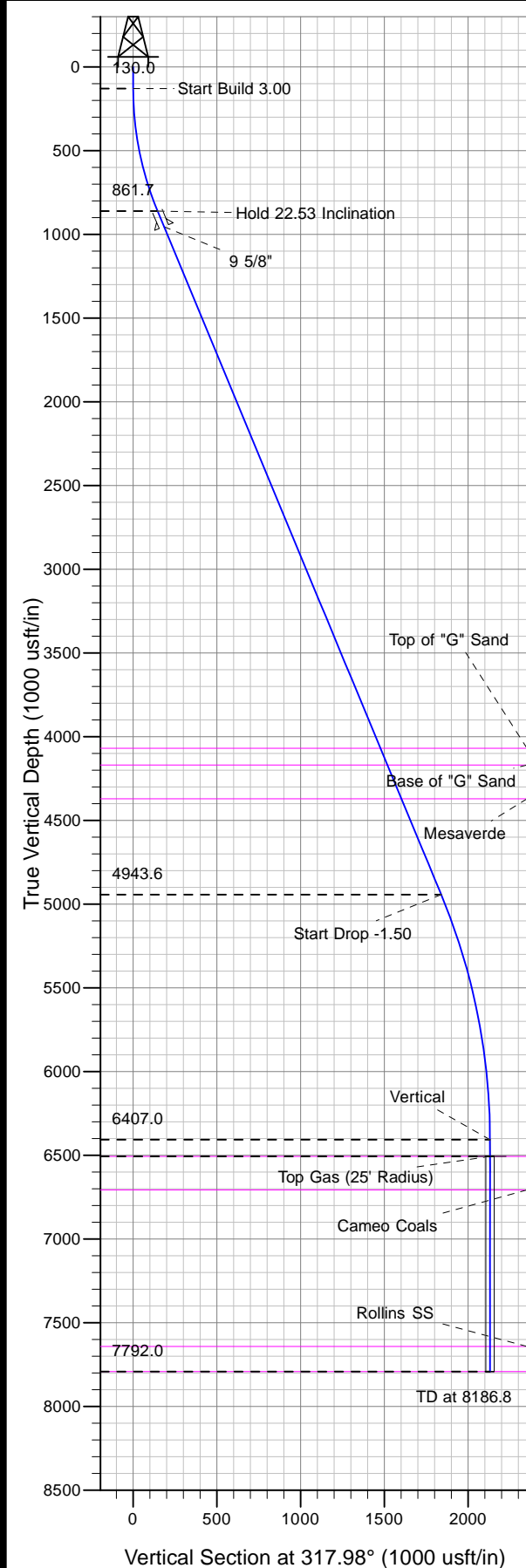




Well Name: PA 411-11  
Surface Location: PA 22-11 Pad  
North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
Ground Elevation: 6274.0  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.0 0.0 1599314.49 2303358.61 39° 27' 10.492 N 107° 58' 2.632 W B5  
KELLY BUSHING @ 6300.0usft (Nabors 577 (26' RKB))



Project: PA 11-07S-095W  
Site: PA 22-11 Pad  
Well: PA 411-11  
Plan #2 23Oct12 kjs



Azimuths to True North  
Magnetic North: 10.57°  
Magnetic Field  
Strength: 52459.2snT  
Dip Angle: 65.77°  
Date: 6/3/2009  
Model: IGRF2005-10

#### ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V/Sect	Departure	Annotation
130.0	0.00	0.00	130.0	0.0	0.0	0.0	0.0	Start Build 3.00
880.9	22.53	317.98	861.7	108.3	-97.5	145.7	145.7	Hold 22.53 Inclination
5300.0	22.53	317.98	4943.6	1366.1	-1230.8	1838.7	1838.7	Start Drop -1.50
6801.8	0.00	0.00	6407.0	1582.6	-1425.9	2130.2	2130.2	Vertical
6901.8	0.00	0.00	6507.0	1582.6	-1425.9	2130.2	2130.2	Top Gas
8186.8	0.00	0.00	7792.0	1582.6	-1425.9	2130.2	2130.2	TD at 8186.8