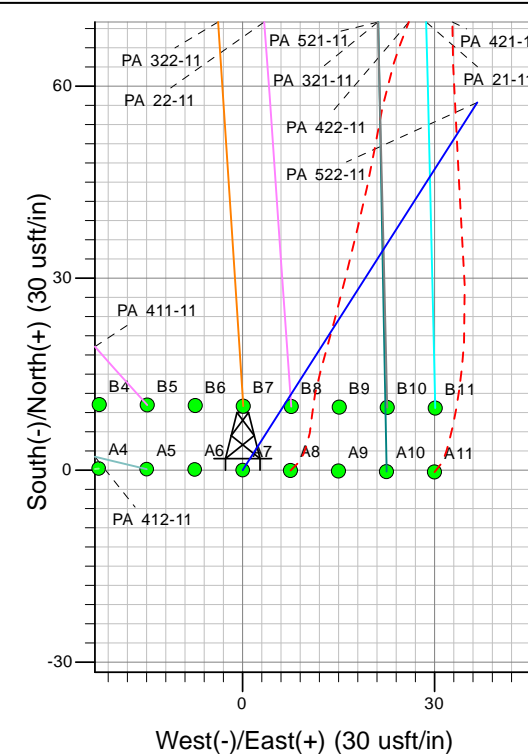
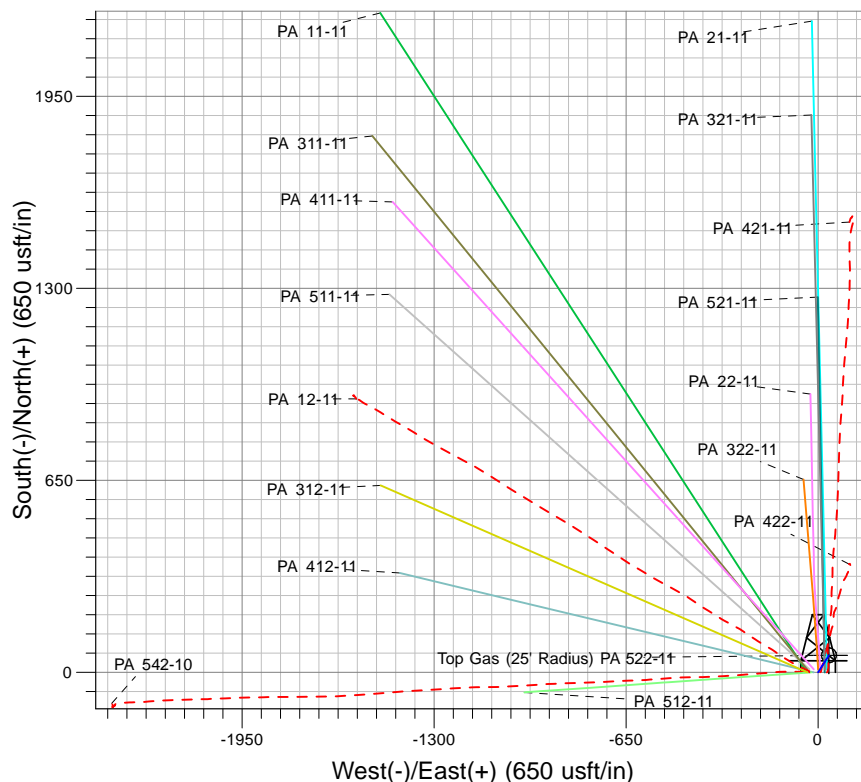
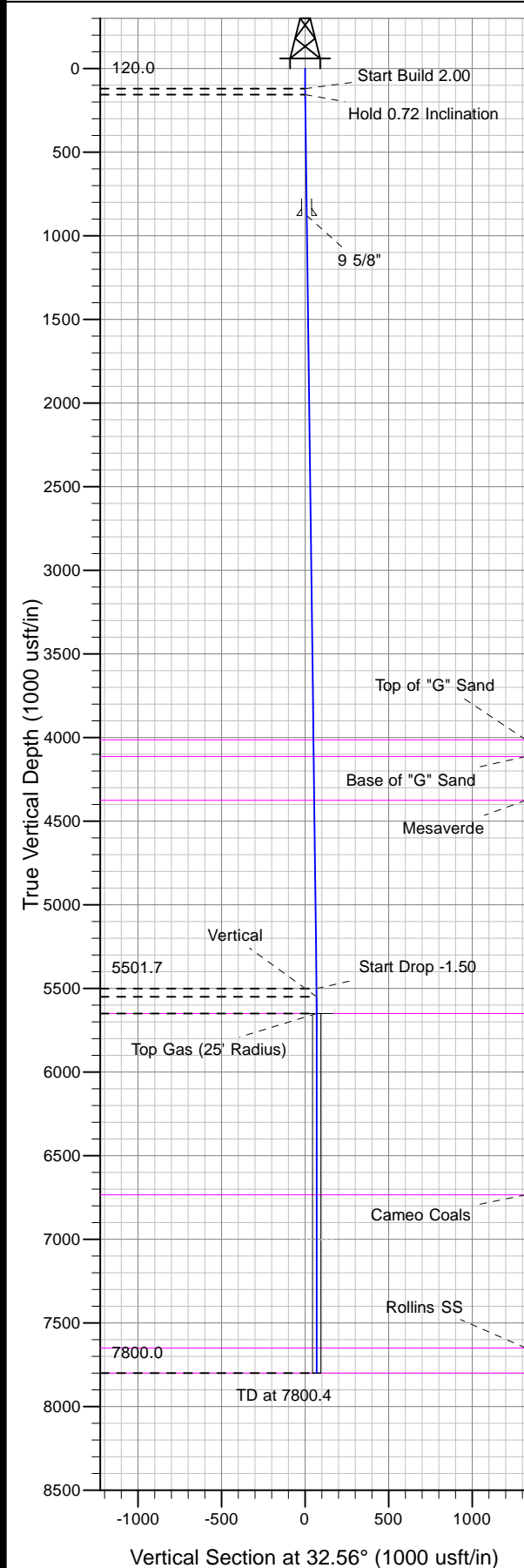




Well Name: PA 522-11  
Surface Location: PA 22-11 Pad  
North American Datum 1983 , US State Plane 1983, Colorado Central Zone  
Ground Elevation: 6274.0  
+N/-S 0.0 +E/-W 0.0 Northing 1599303.93 Easting 2303373.22 Latitude 39° 27' 10.392 N Longitude 107° 58' 2.442 W Slot A7  
KELLY BUSHING @ 6300.0usft (Nabors 577 (26' RKB))



Project: PA 11-07S-095W  
Site: PA 22-11 Pad  
Well: PA 522-11  
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
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.0	Start Build 2.00
156.2	0.72	32.56	156.2	0.2	0.1	0.2	0.2	Hold 0.72 Inclination
5502.1	0.72	32.56	5501.7	57.2	36.5	67.9	67.9	Start Drop -1.50
5550.4	0.00	0.00	5550.0	57.4	36.7	68.2	68.2	Vertical
5650.4	0.00	0.00	5650.0	57.4	36.7	68.2	68.2	Top Gas
7800.4	0.00	0.00	7800.0	57.4	36.7	68.2	68.2	TD at 7800.4