



+N/-S
0.0

+E/-W
0.0

Northing
1599314.49

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

Easting

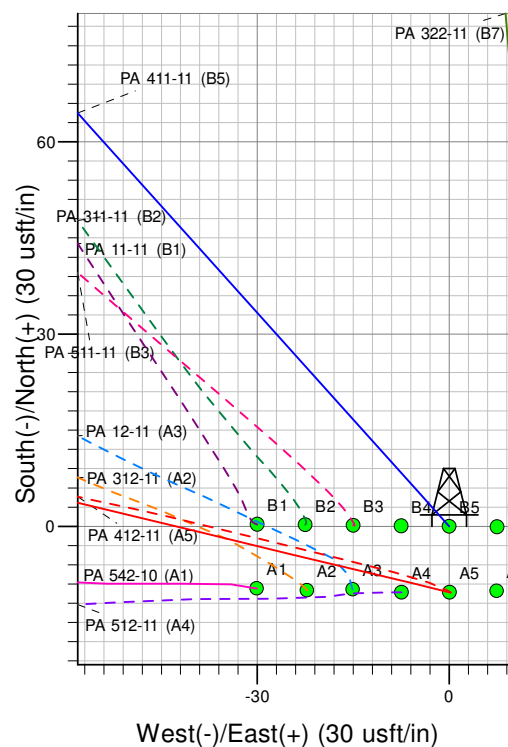
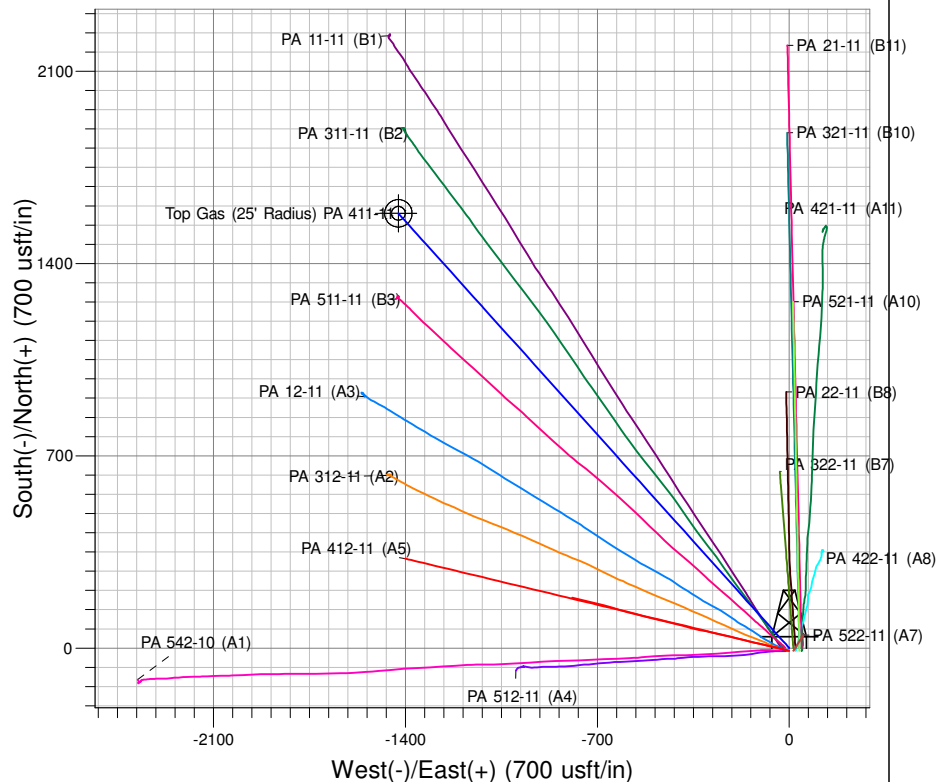
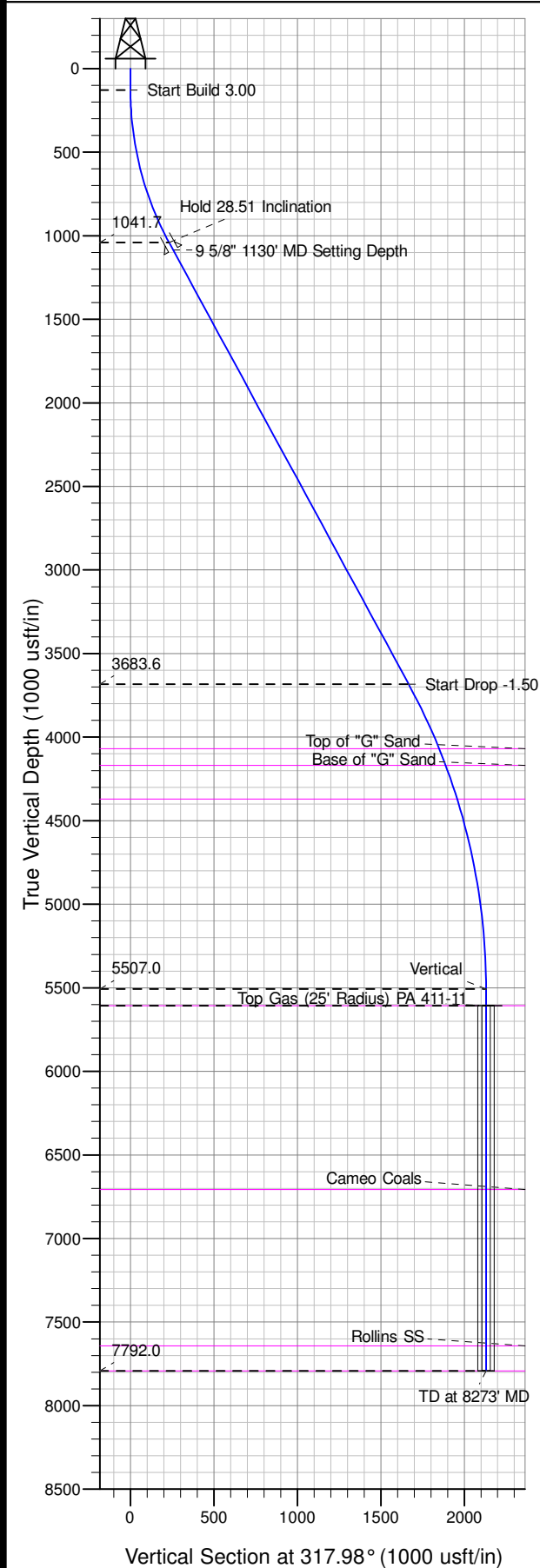
Latitude

Longitude

Slot
B5

2303358.61 39° 27' 10.492 N 107° 58' 2.632 W

KB @ 6295.0usft (Cyclone 17 (KB 21'))



Project: PA 11-07S-095W
Site: PA 22-11 Pad
Well: PA 411-11
Plan #3 03may13 kcb



Azimuths to True North
Magnetic North: 10.09°
Magnetic Field
Strength: 52036.9snT
Dip Angle: 65.66°
Date: 5/7/2013
Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
130.0	0.00	0.00	130.0	0.0	0.0	0.0	0.0	Start Build 3.00
1080.4	28.51	317.98	1041.7	172.1	-155.1	231.7	231.7	Hold 28.51 Inclination
4087.0	28.51	317.98	3683.6	1238.4	-1115.7	1666.9	1666.9	Start Drop -1.50
5987.9	0.00	0.00	5507.0	1582.6	-1425.9	2130.2	2130.2	Vertical
6087.9	0.00	0.00	5607.0	1582.6	-1425.9	2130.2	2130.2	Approx. TOG
8272.9	0.00	0.00	7792.0	1582.6	-1425.9	2130.2	2130.2	TD at 8273' MD