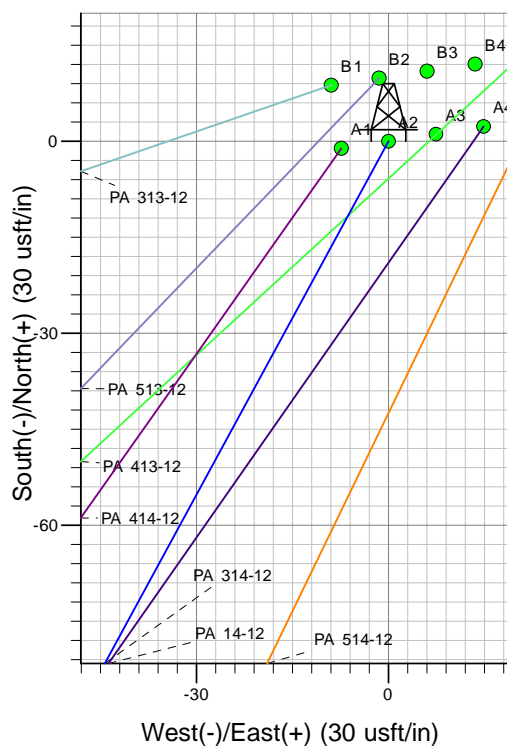
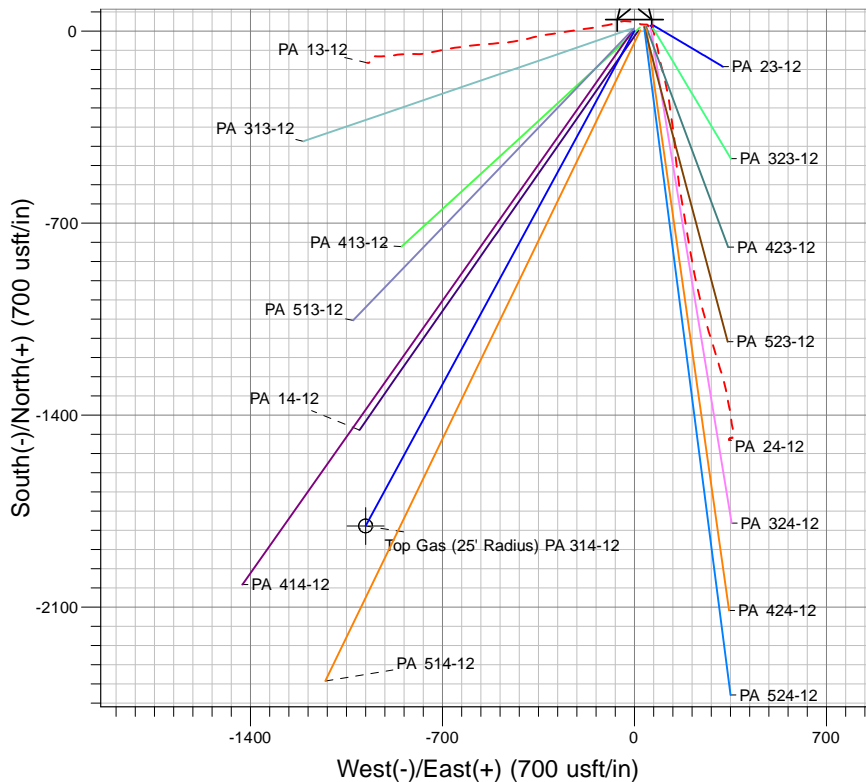
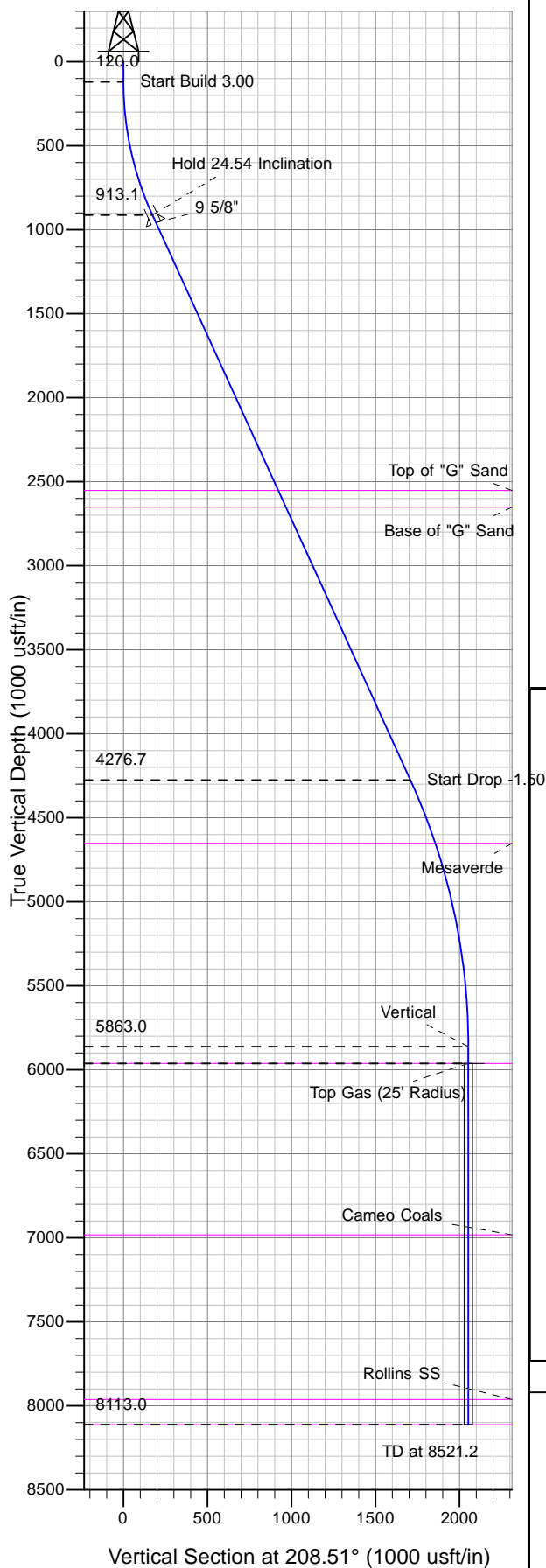




Well Name: PA 314-12
Surface Location: PA 23-12 Pad
North American Datum 1983 , US State Plane 1983 Colorado Central Zone
Ground Elevation: 6507.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1598868.20 2308265.60 39° 27' 7.395 N 107° 56' 59.942 W A2
KELLY BUSHING @ 6533.0usft ((26' RKB) kjs)



Project: PA 12-07S-095W
Site: PA 23-12 Pad
Well: PA 314-12
Plan #2 13Aug10 kjs

Azimuths to True North
Magnetic North: 10.83°
Magnetic Field
Strength: 52653.7snT
Dip Angle: 65.83°
Date: 6/5/2007
Model: IGRF2005-10

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V	Sect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	Start Build 3.00
913.1	937.9	24.54	208.51	-151.6	-82.3	172.5	172.5	172.5	Hold 24.54 Inclination
4276.7	4635.4	24.54	208.51	-1500.8	-815.3	1708.0	1708.0	1708.0	Start Drop -1.50
5863.0	6271.2	0.00	0.00	-1804.0	-980.0	2052.9	2052.9	2052.9	Vertical
5963.0	6371.2	0.00	0.00	-1804.0	-980.0	2052.9	2052.9	2052.9	Top Gas
8113.0	8521.2	0.00	0.00	-1804.0	-980.0	2052.9	2052.9	2052.9	TD at 8521.2