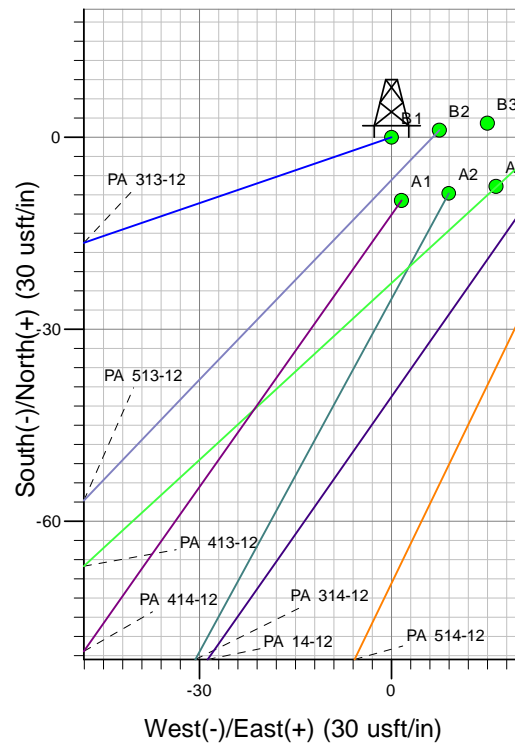
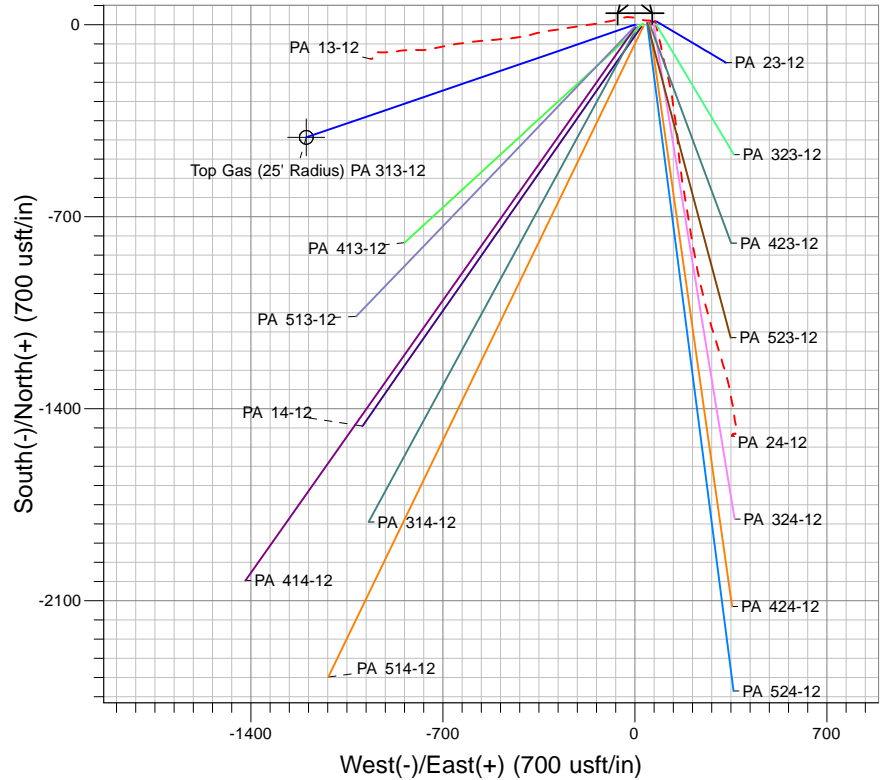
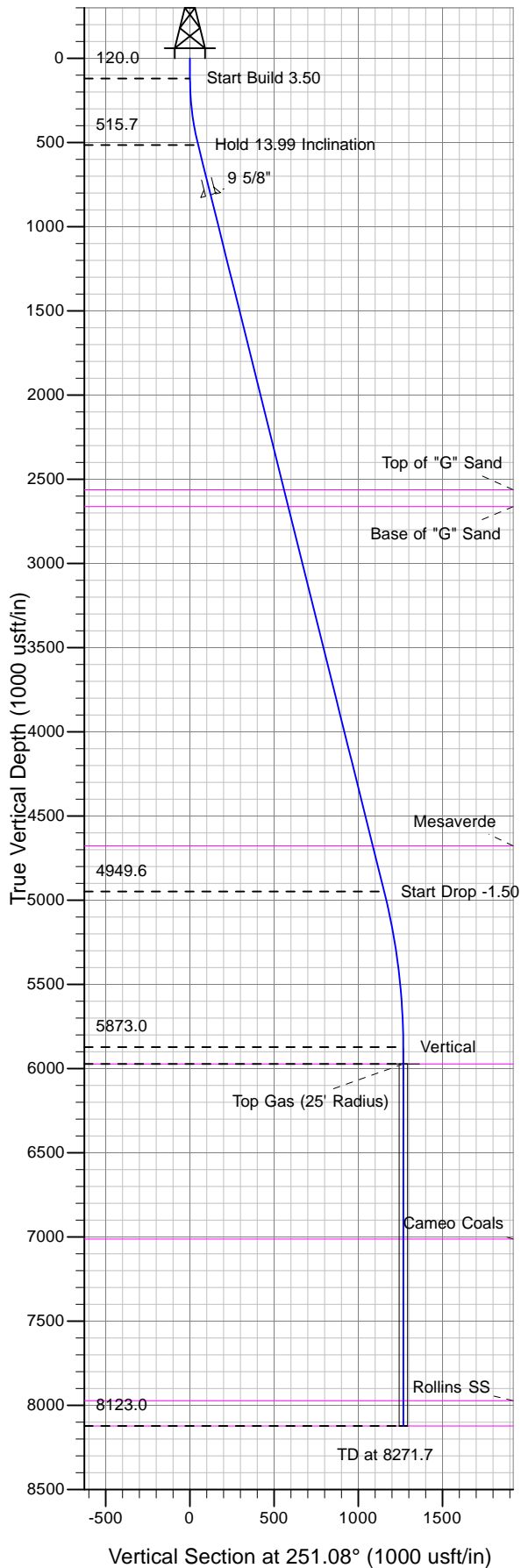




Well Name: PA 313-12
Surface Location: PA 23-12 Pad
North American Datum 1983 , US State Plane 1983 Colorado Central Zone
Ground Elevation: 6507.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1598877.20 2308256.90 39° 27' 7.482 N 107° 57' 0.056 W B1
KELLY BUSHING @ 6533.0usft ((26' RKB) kjs)



Project: PA 12-07S-095W
Site: PA 23-12 Pad
Well: PA 313-12
Plan #2 13Aug10 kjs



Azimuths to True North
Magnetic North: 10.83°
Magnetic Field
Strength: 52653.7nT
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 3.50
515.7	519.7	13.99	251.08	-15.7	-45.9	48.5	48.5	48.5	Hold 13.99 Inclination
4949.6	5089.1	13.99	251.08	-373.8	-1090.9	1153.1	1153.1	1153.1	Start Drop -1.50
5873.0	6021.7	0.00	0.00	-410.6	-1198.0	1266.4	1266.4	1266.4	Vertical
5973.0	6121.7	0.00	0.00	-410.6	-1198.0	1266.4	1266.4	1266.4	Top Gas
8123.0	8271.7	0.00	0.00	-410.6	-1198.0	1266.4	1266.4	1266.4	TD at 8271.7