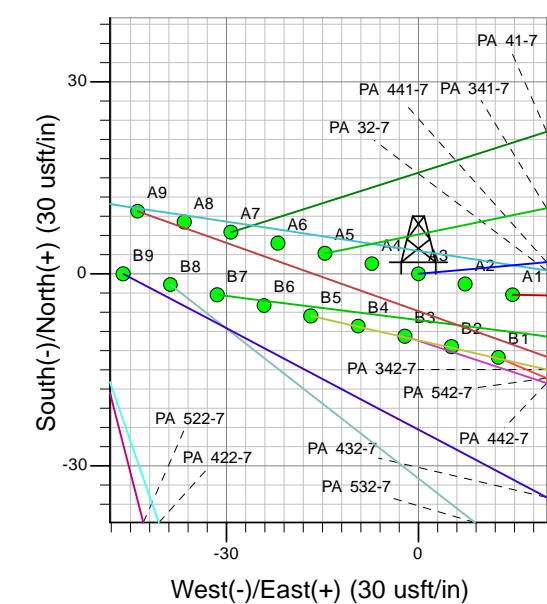
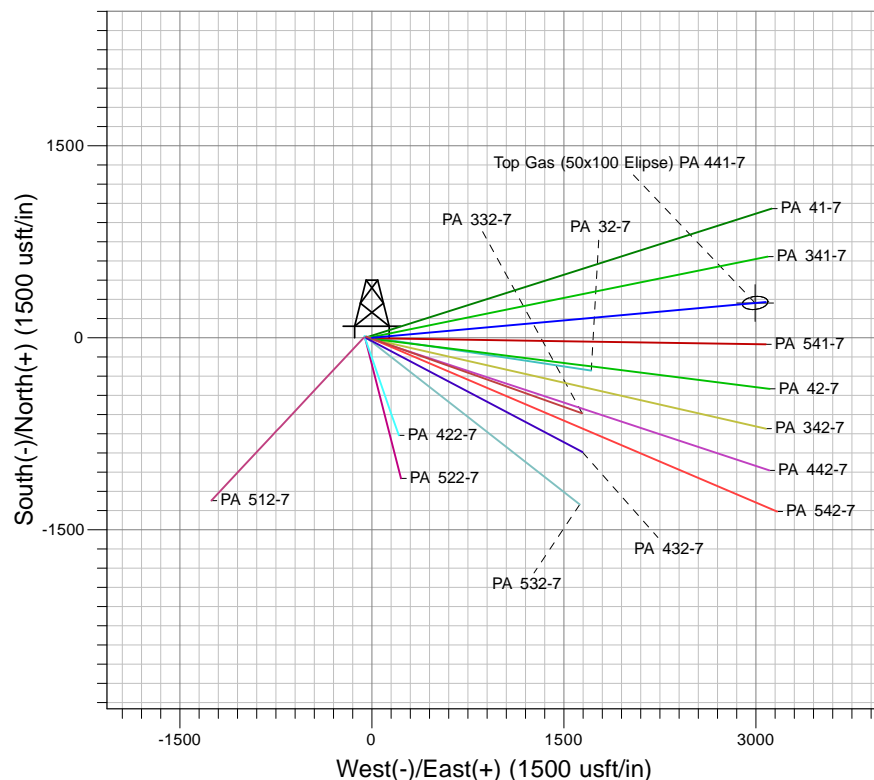
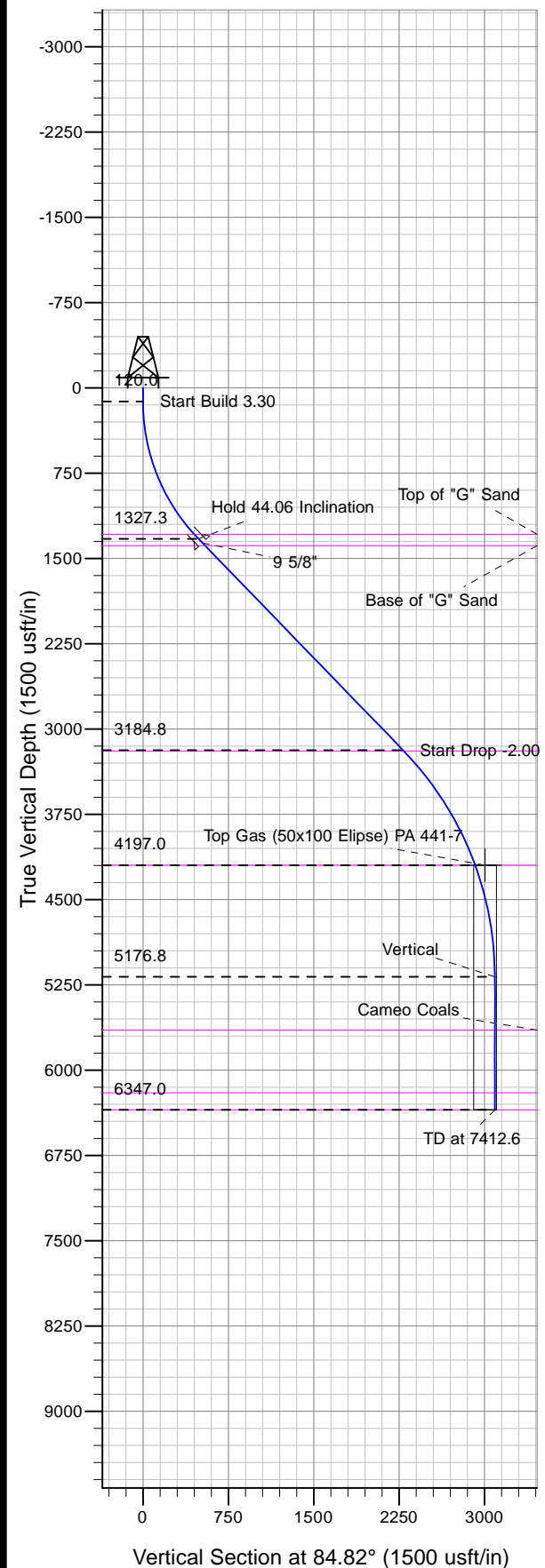




Well Name: PA 441-7
Surface Location: PA 21-7 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5083.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1601191.80 2281874.50 39° 27' 23.184 N 108° 2' 37.097 W A3
KELLY BUSHING @ 5109.0usft (SSD (26' KB) JMS)



Project: PA 07-07S-095W
Site: PA 21-7 Pad
Well: PA 441-7
Plan #1 21Apr09 kjs

Azimuths to True North
Magnetic North: 10.62°
Magnetic Field
Strength: 52472.1snT
Dip Angle: 65.77°
Date: 4/21/2009
Model: IGRF2005-10

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.30
1327.3	1455.0	44.06	84.82	44.1	486.5	488.5	488.5	Hold 44.06 Inclination
3184.8	4039.6	44.06	84.82	206.4	2276.4	2285.7	2285.7	Start Drop -2.00
4197.0	5242.4	20.00	84.82	263.5	2907.0	2918.9	2918.9	Top Gas
5176.8	6242.4	0.00	0.00	279.1	3079.0	3091.7	3091.7	Vertical
6347.0	7412.6	0.00	0.00	279.1	3079.0	3091.7	3091.7	TD at 7412.6