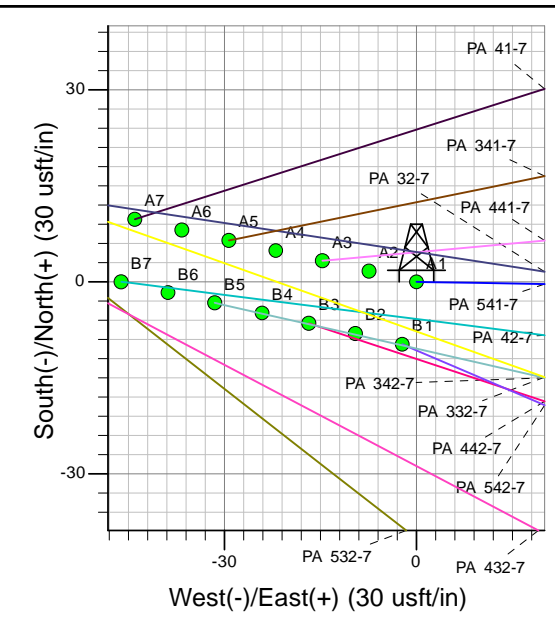
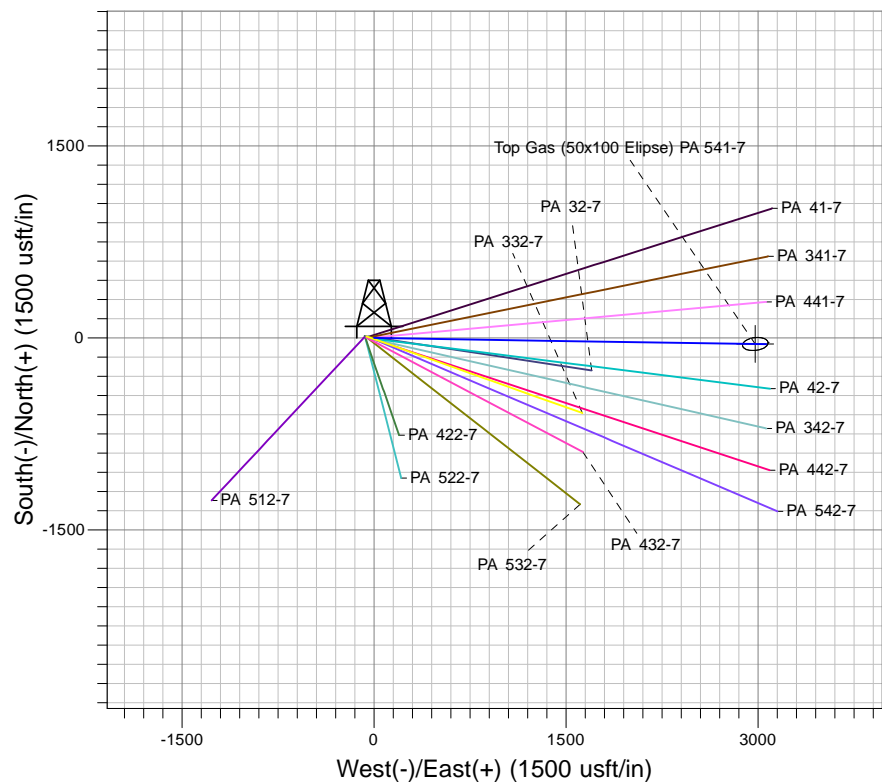
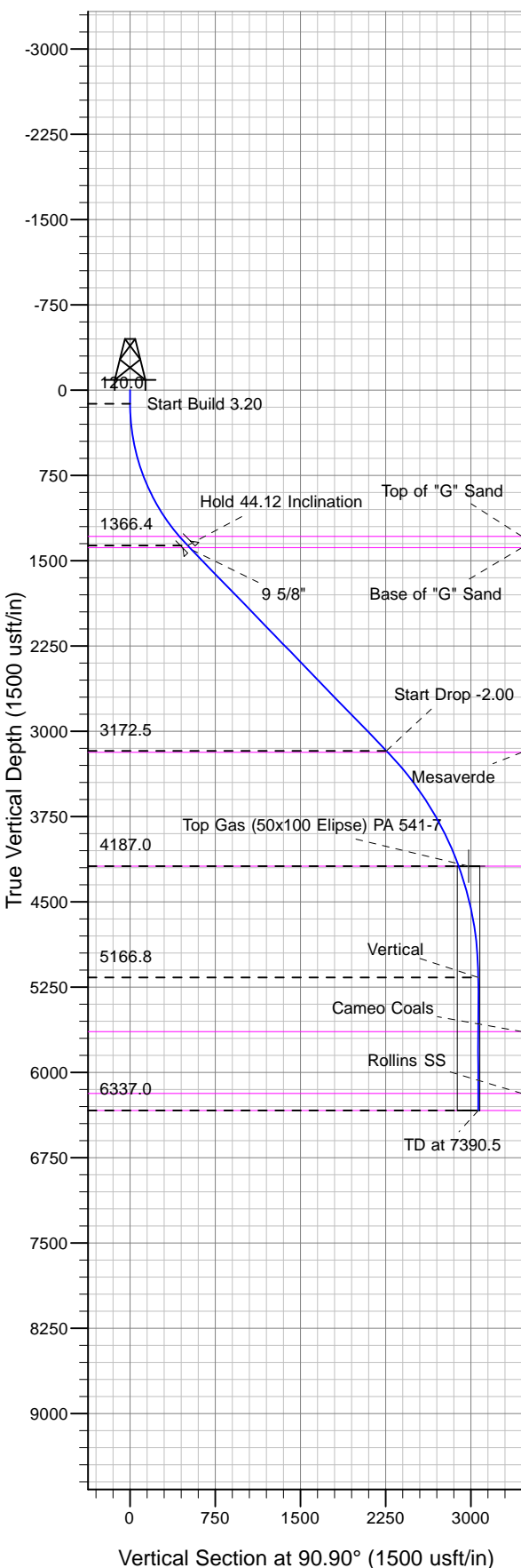




Well Name: PA 541-7
Surface Location: PA 21-7 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5083.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1601188.10 2281889.10 39° 27' 23.152 N 108° 2' 36.910 W A1
KELLY BUSHING @ 5109.0usft (SSD (26' KB) JMS)



Project: PA 07-07S-095W
Site: PA 21-7 Pad
Well: PA 541-7
Plan #1 21Apr09 kjs

T M 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 3.20
1366.4	1498.7	44.12	90.90	-7.9	505.0	505.1	505.1	Hold 44.12 Inclination
3172.5	4014.5	44.12	90.90	-35.5	2256.1	2256.4	2256.4	Start Drop -2.00
4187.0	5220.4	20.00	90.90	-45.4	2891.4	2891.8	2891.8	Top Gas
5166.8	6220.4	0.00	0.00	-48.1	3064.2	3064.5	3064.5	Vertical
6337.0	7390.5	0.00	0.00	-48.1	3064.2	3064.5	3064.5	TD at 7390.5