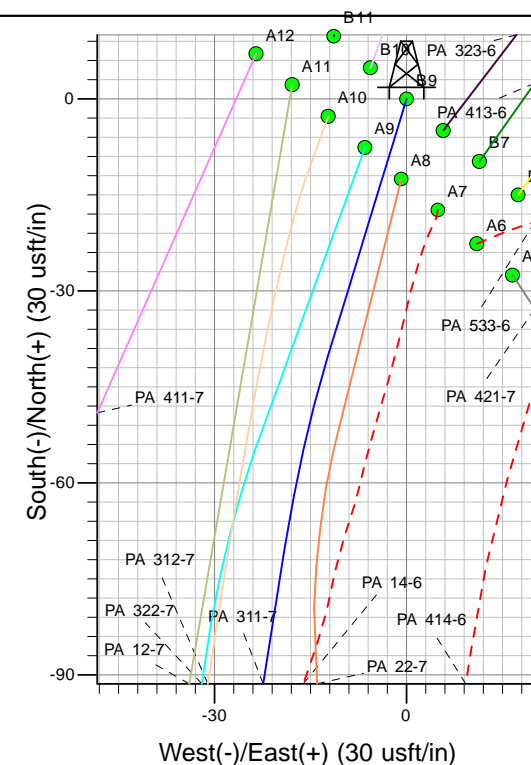
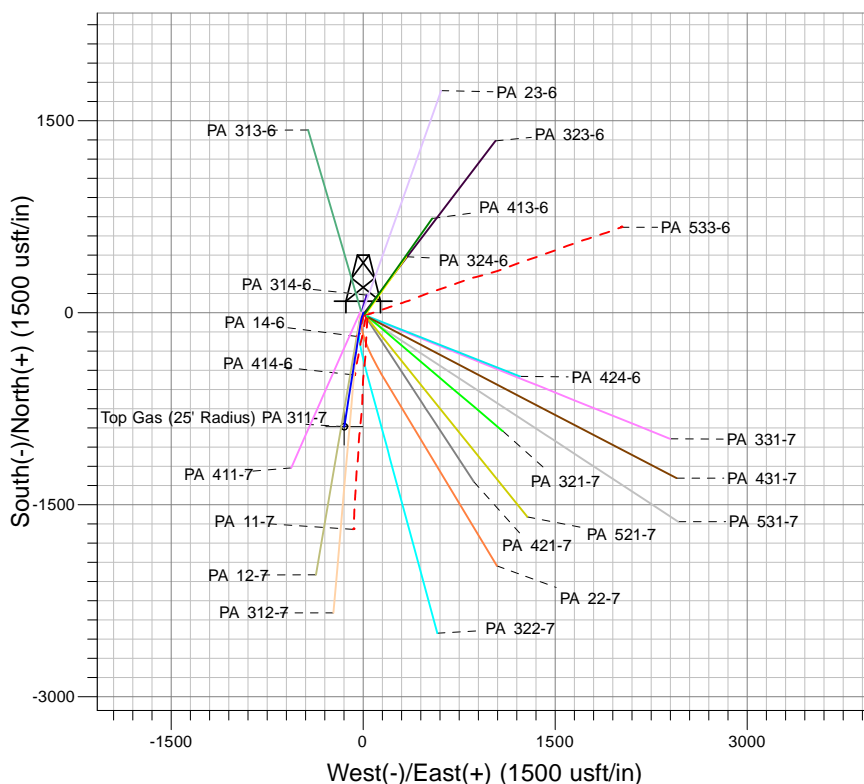
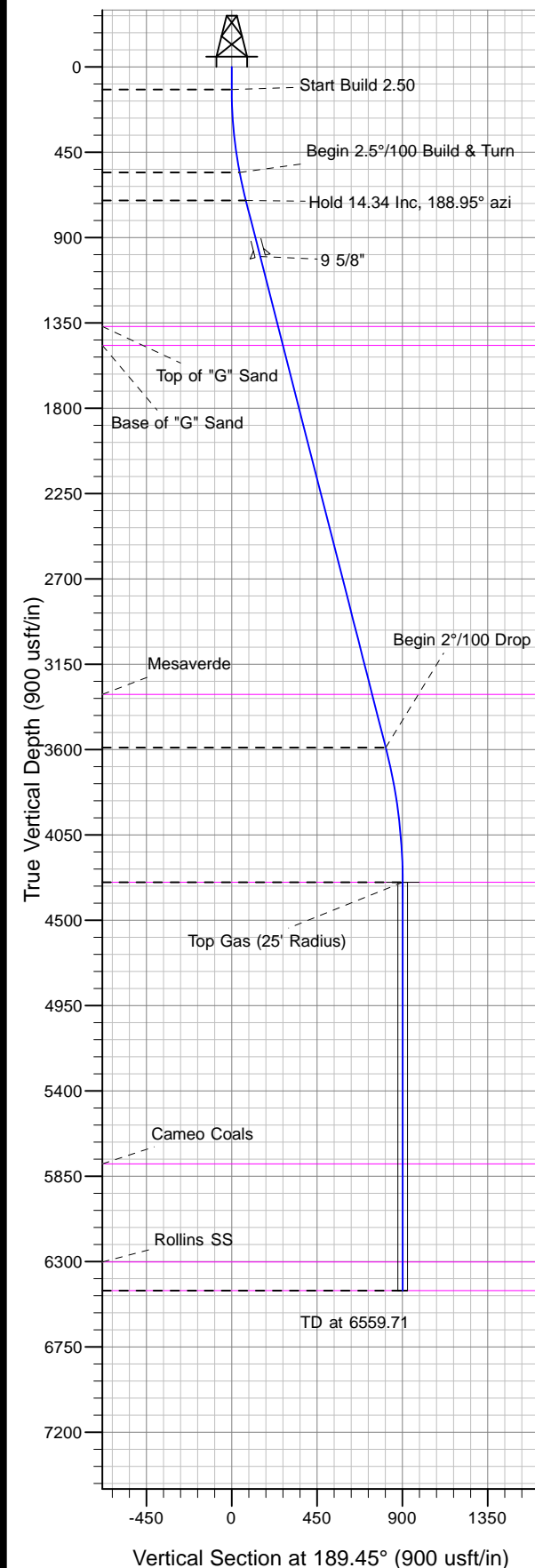




Well Name: PA 311-7
Surface Location: PA 14-6 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5153.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603167.40	2281097.80	39.46180	-108.04658	B9

KELLY BUSHING @ 5179.00usft (Nabors (26' RKB))



Project: PA 06-07S-095W
Site: PA 14-6 Pad
Well: PA 311-7
Plan #2 13Nov12 kjs



Azimuths to True North
Magnetic North: 10.63°

Magnetic Field
Strength: 52475.1snT
Dip Angle: 65.77°
Date: 4/17/2009
Model: IGRF2005

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.50
557.30	560.00	11.00	197.00	-40.27	-12.31	41.74	42.11	Begin 2.5°/100 Build & Turn
704.60	710.99	14.34	188.95	-72.53	-19.43	74.74	75.19	Hold 14.34 Inc, 188.95° azi
3590.24	3689.49	14.34	188.95	-801.48	-134.21	812.64	813.12	Begin 2°/100 Drop
4300.00	4406.71	0.00	113.20	-889.71	-148.10	901.95	902.43	Top Gas
6453.00	6559.71	0.00	113.20	-889.71	-148.10	901.95	902.44	TD at 6559.71