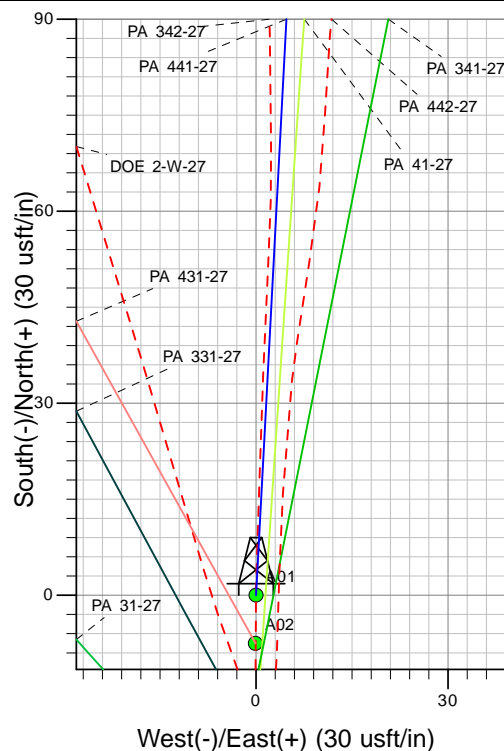
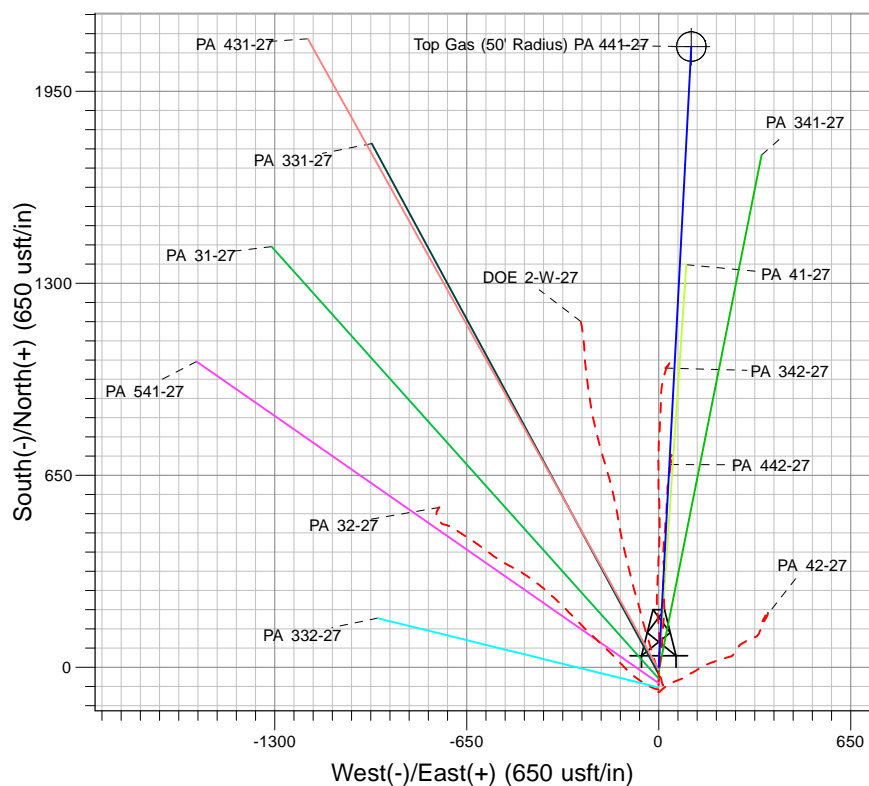
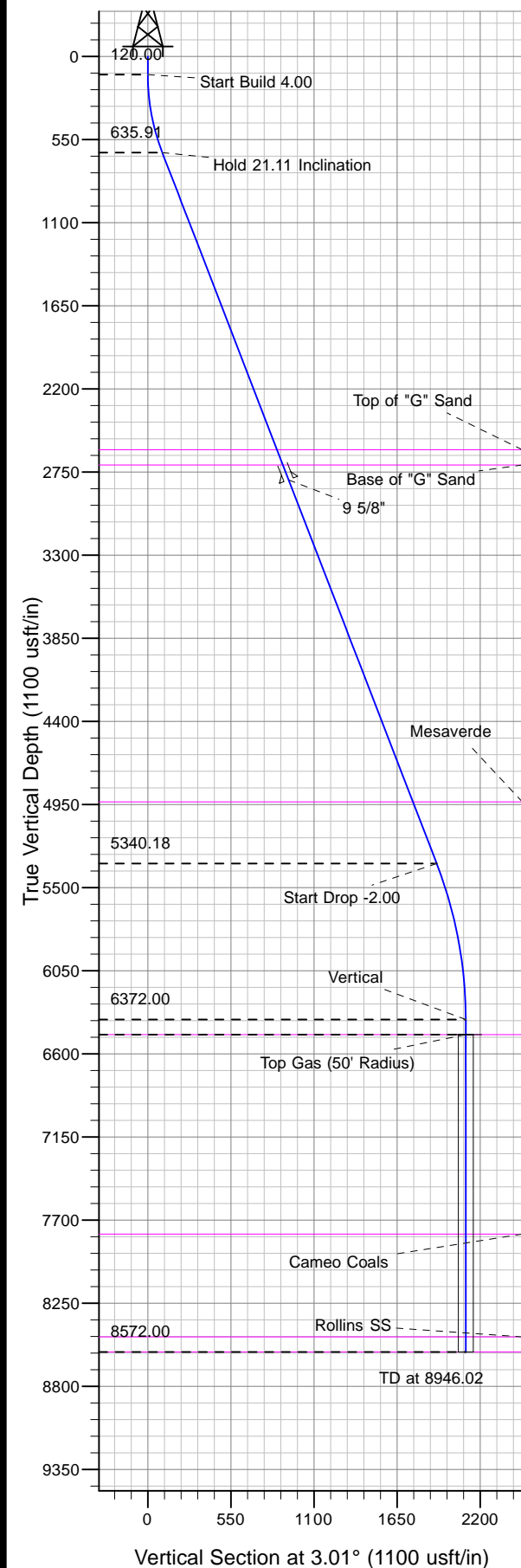




Well Name: PA 441-27
Surface Location: DOE 2-W-27 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5856.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1615110.30	2300866.50	39.49608	-107.97775	A01

KELLY BUSHING @ 5882.00usft (Nabors 577 (26' RKB) kjs)



Project: PA 27-06S-095W
Site: DOE 2-W-27 Pad
Well: PA 441-27
Design #1 13May13 kjs



Azimuths to True North
Magnetic North: 11.45°

Magnetic Field
Strength: 53051.6snT
Dip Angle: 65.99°
Date: 12/31/2004
Model: IGRF2000

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 4.00
635.91	647.77	21.11	3.01	96.00	5.05	96.13	96.13	Hold 21.11 Inclination
5340.18	5690.48	21.11	3.01	1909.75	100.36	1912.38	1912.38	Start Drop -2.00
6372.00	6746.02	0.00	0.00	2101.75	110.45	2104.65	2104.65	Vertical
6472.00	6846.02	0.00	0.00	2101.75	110.45	2104.65	2104.65	Top Gas
8572.00	8946.02	0.00	0.00	2101.75	110.45	2104.65	2104.65	TD at 8946.02