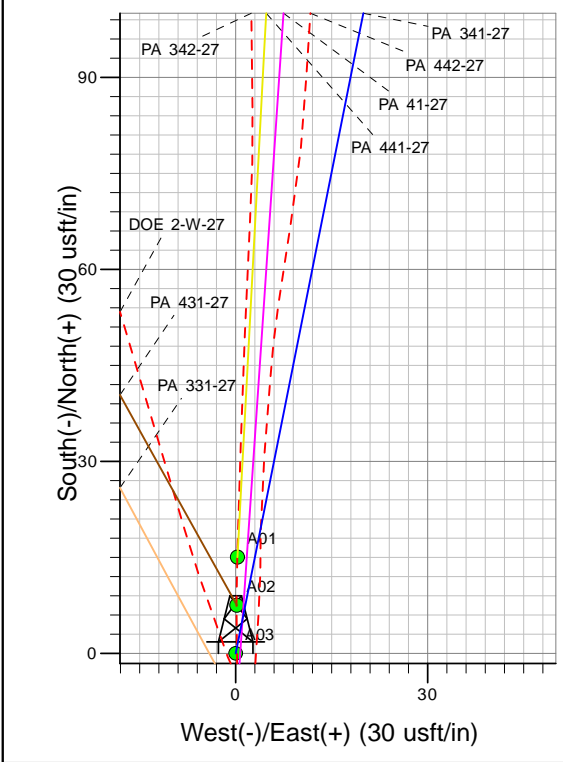
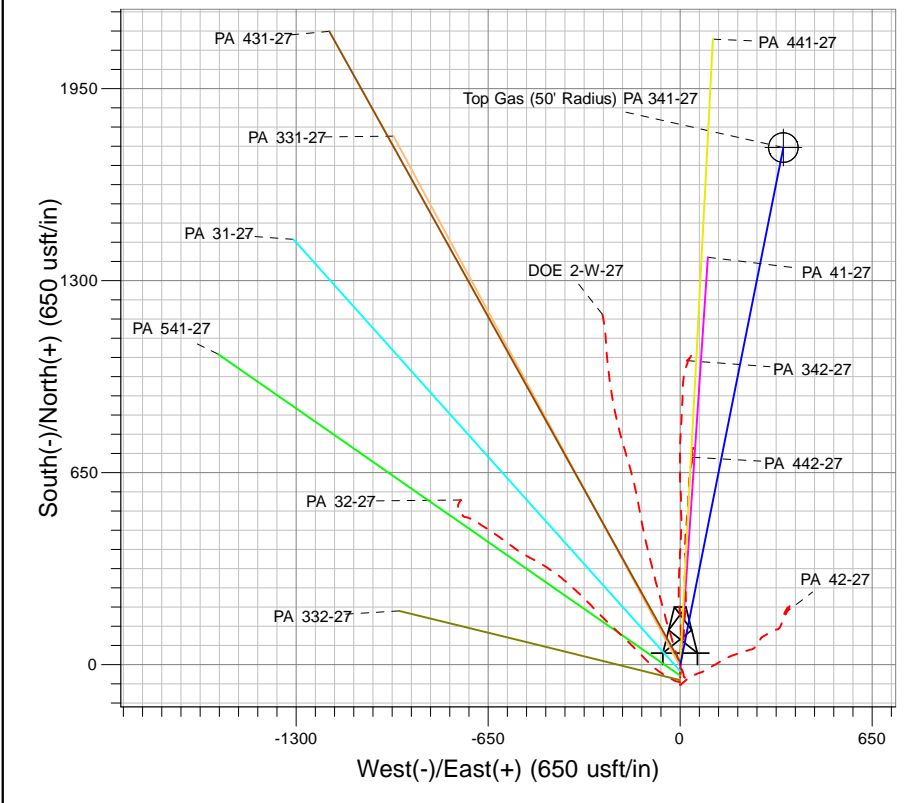
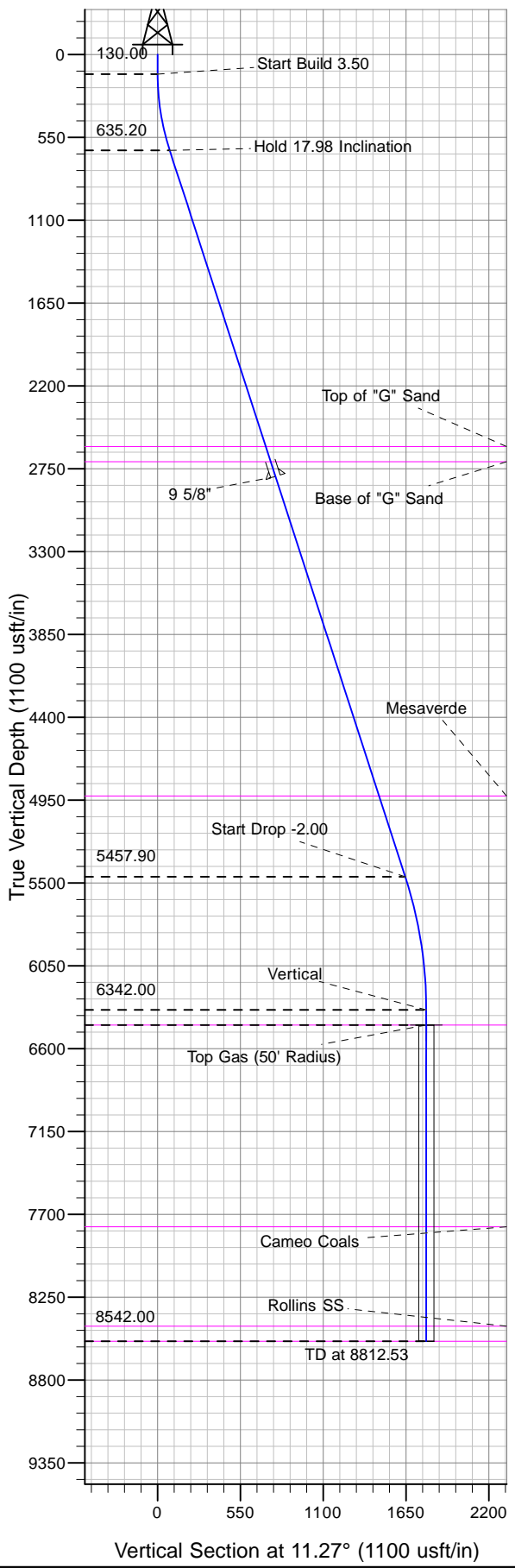




Well Name: PA 341-27
 Surface Location: DOE 2-W-27 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 5856.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1615095.30	2300865.80	39.49604	-107.97775	A03

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



Project: PA 27-06S-095W
 Site: DOE 2-W-27 Pad
 Well: PA 341-27
 Design # 1 13May13 kjs

T M
 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	V Sect	Departure	Annotation
130.00	130.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
635.20	643.58	17.98	11.27	78.36	15.62	79.90	79.90	Hold 17.98 Inclination
5457.90	5713.77	17.98	11.27	1612.87	321.51	1644.60	1644.60	Start Drop -2.00
6342.00	6612.53	0.00	0.00	1750.00	348.85	1784.43	1784.43	Vertical
6442.00	6712.53	0.00	0.00	1750.00	348.85	1784.43	1784.43	Top Gas
8542.00	8812.53	0.00	0.00	1750.00	348.85	1784.43	1784.43	TD at 8812.53