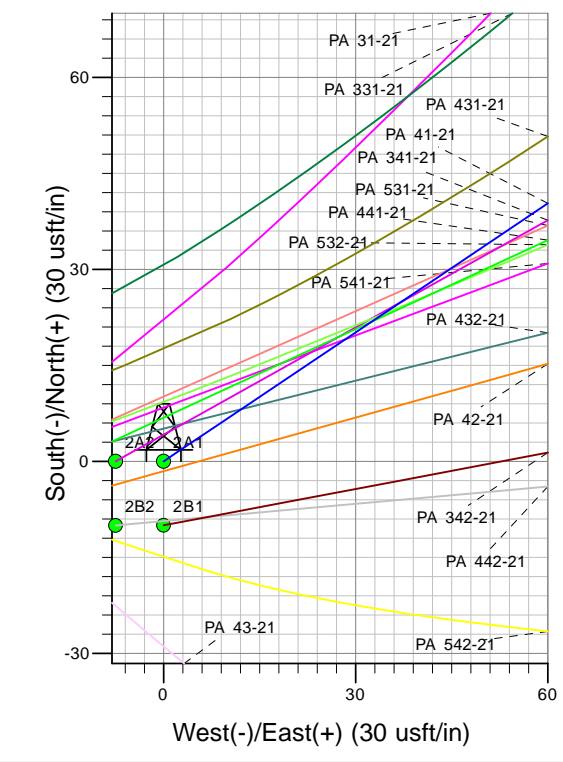
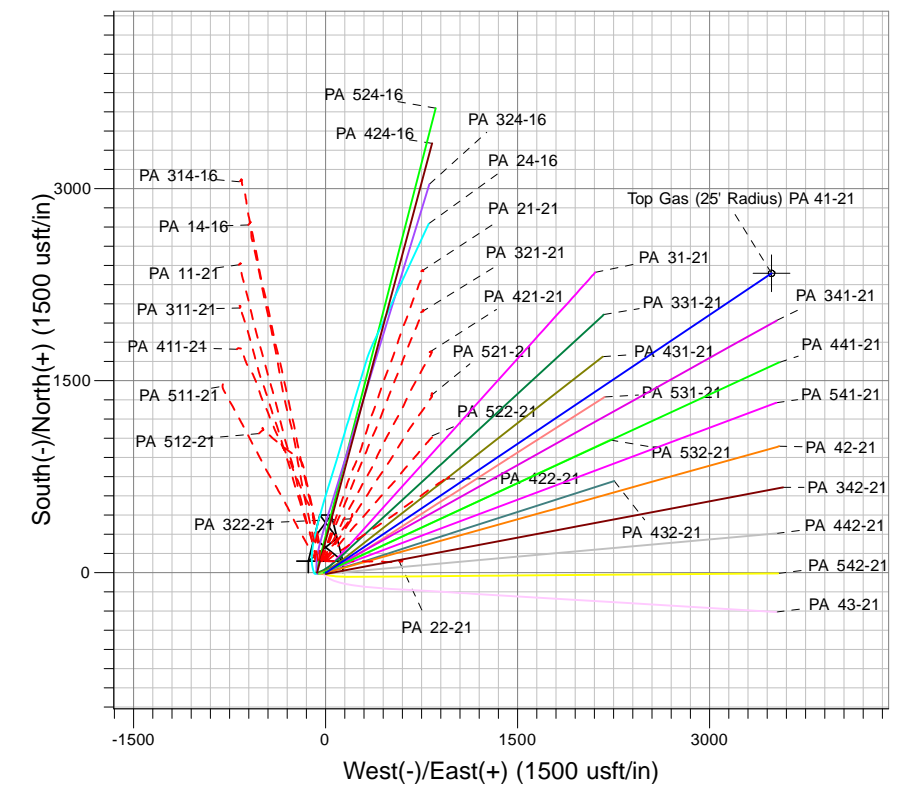
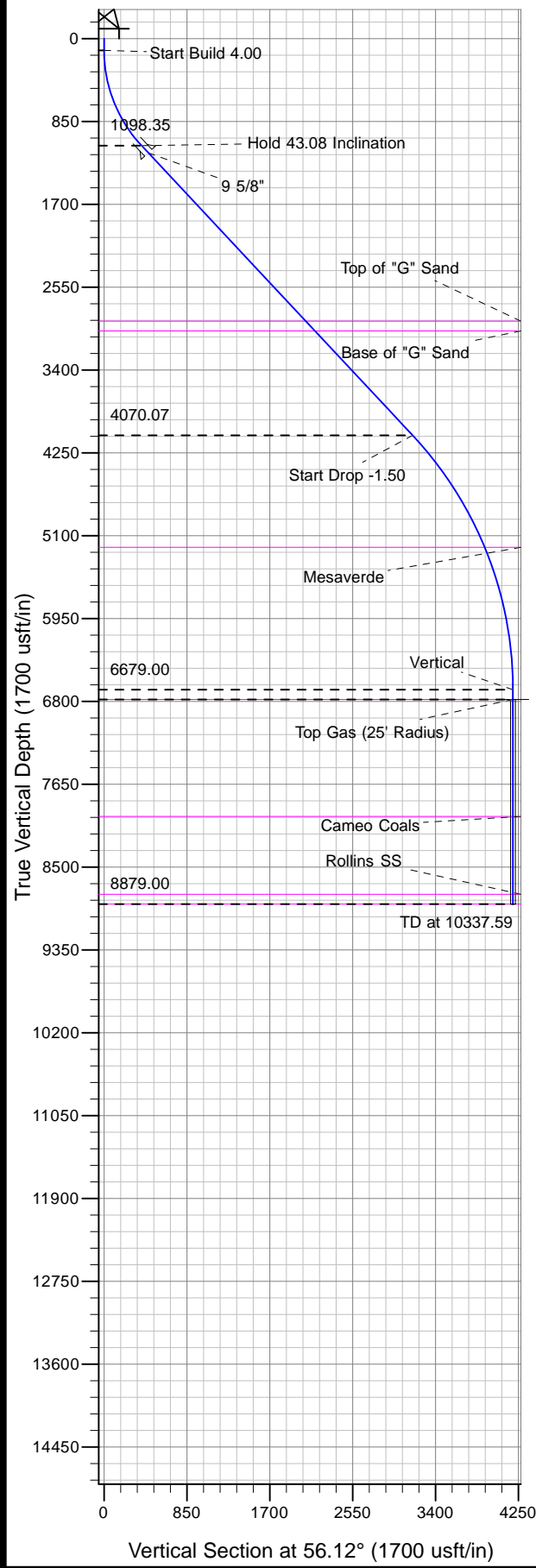




Well Name: PA 41-21
 Surface Location: PA 22-21 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 6030.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1620599.20	2292509.50	39.51051	-108.00788	2A1

KELLY BUSHING @ 6056.00usft (Nabors 26')



Project: PA 21-06S-095W
 Site: PA 22-21 Pad
 Well: PA 41-21
 Design #2 07Nov12 kjs

Azimuths to True North
 Magnetic North: 10.23°
 Magnetic Field
 Strength: 52157.4snT
 Dip Angle: 65.72°
 Date: 6/6/2012
 Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 4.00
1197.00	43.08	56.12	1098.35	215.28	320.60	386.17	386.17	Hold 43.08 Inclination
5265.60	43.08	56.12	4070.07	1764.43	2627.66	3165.09	3165.09	Start Drop -1.50
8137.59	0.00	0.00	6679.00	2338.49	3482.59	4194.88	4194.88	Vertical
8237.59	0.00	0.00	6779.00	2338.49	3482.59	4194.88	4194.88	Top Gas
10337.59	0.00	0.00	8879.00	2338.49	3482.59	4194.88	4194.88	TD at 10337.59