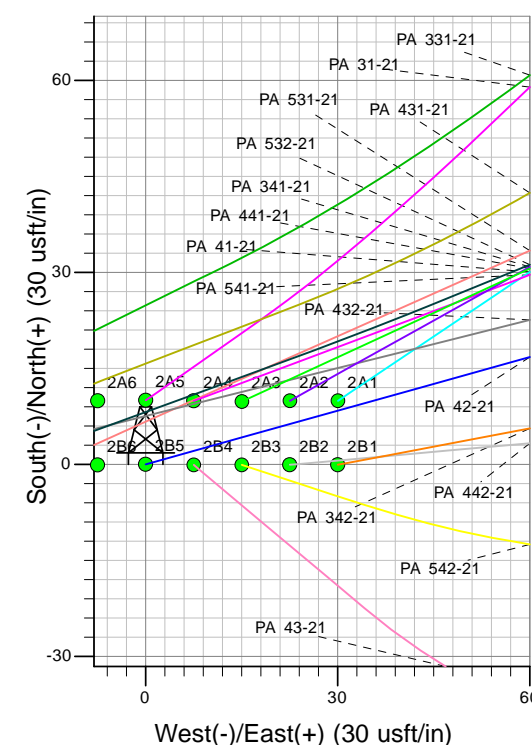
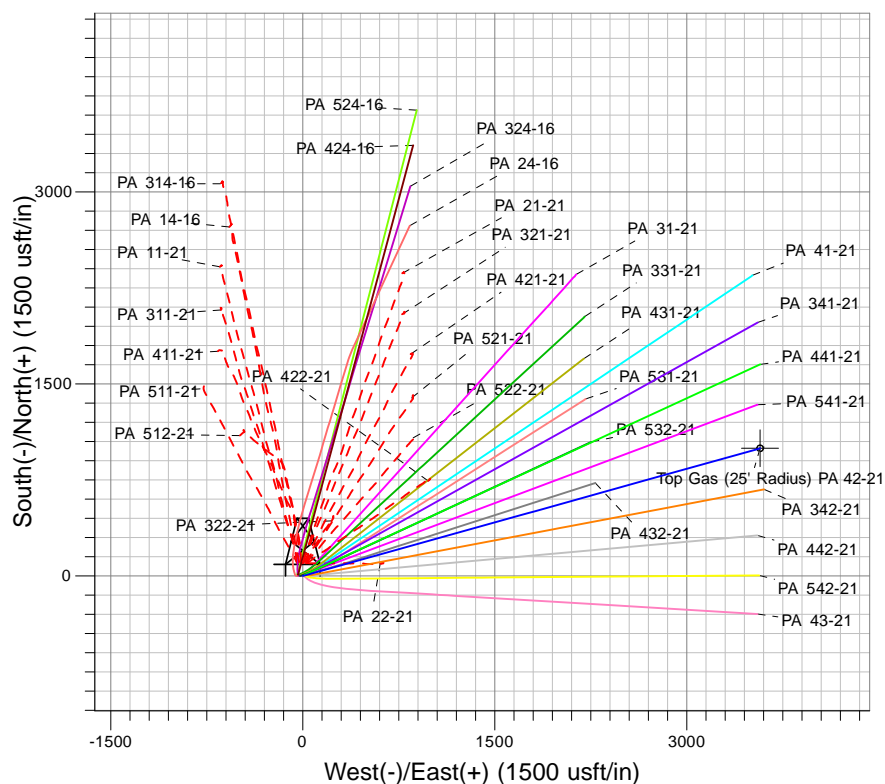
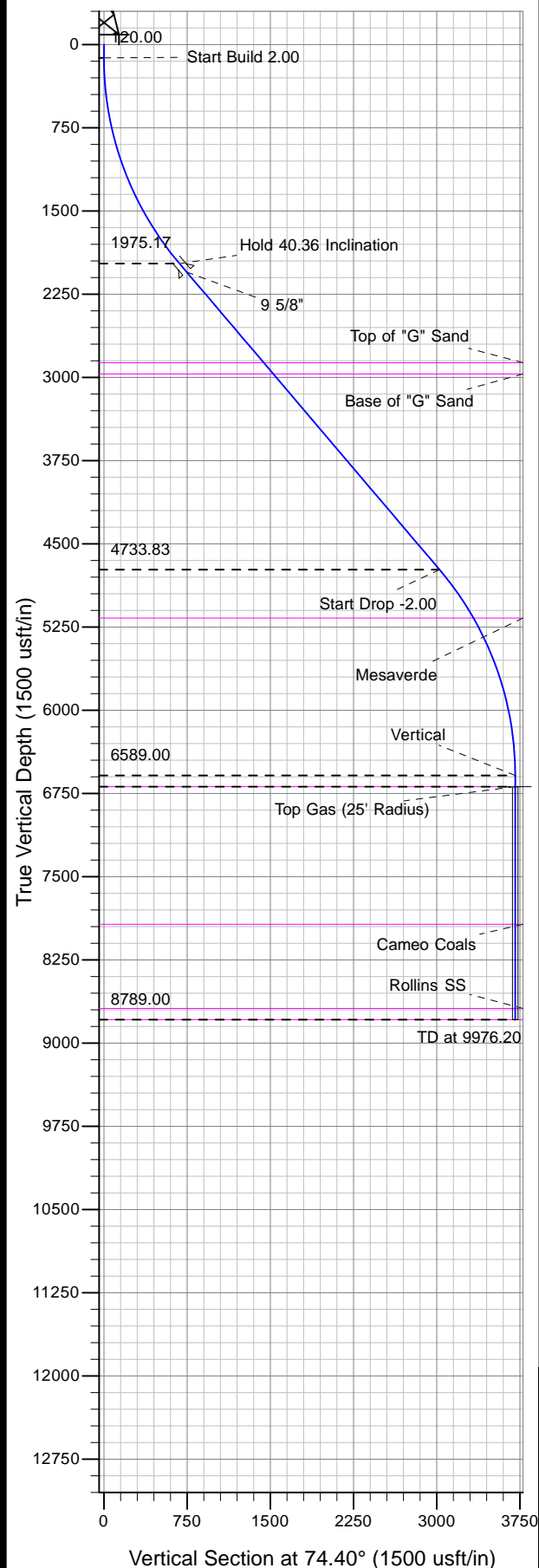




Well Name: PA 42-21
Surface Location: PA 22-21 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6030.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1620590.10	2292479.20	39.51049	-108.00799	2B5

KELLY BUSHING @ 6056.00usft (Nabors 26')



Project: PA 21-06S-095W
Site: PA 22-21 Pad
Well: PA 42-21
Design #2 07Nov12 kjs

Azimuths to True North
Magnetic North: 10.23°
Magnetic Field
Strength: 52157.3snT
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 2.00
2137.95	40.36	74.40	1975.17	183.34	656.70	681.82	681.82	Hold 40.36 Inclination
5758.24	40.36	74.40	4733.83	813.76	2914.76	3026.23	3026.23	Start Drop -2.00
7776.20	0.00	0.00	6589.00	997.10	3571.47	3708.04	3708.04	Vertical
7876.20	0.00	0.00	6689.00	997.10	3571.47	3708.04	3708.04	Top Gas
9976.20	0.00	0.00	8789.00	997.10	3571.47	3708.04	3708.04	TD at 9976.20