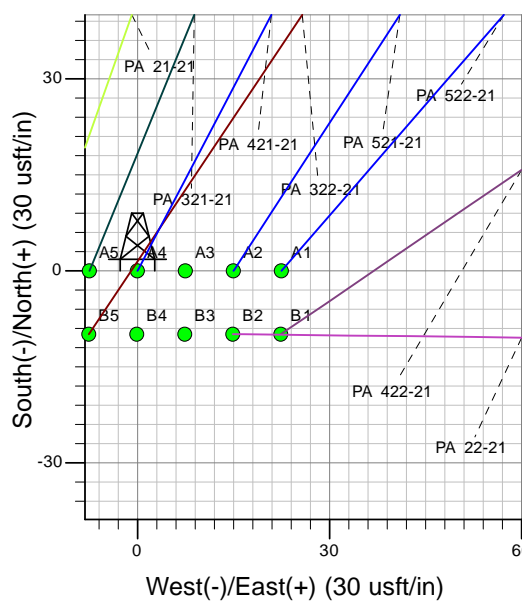
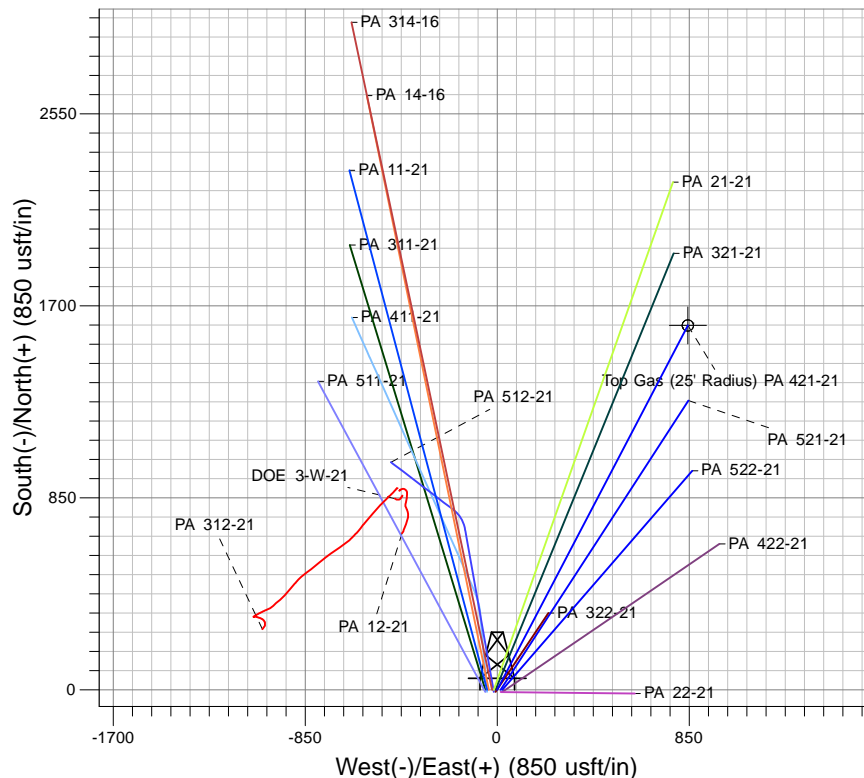
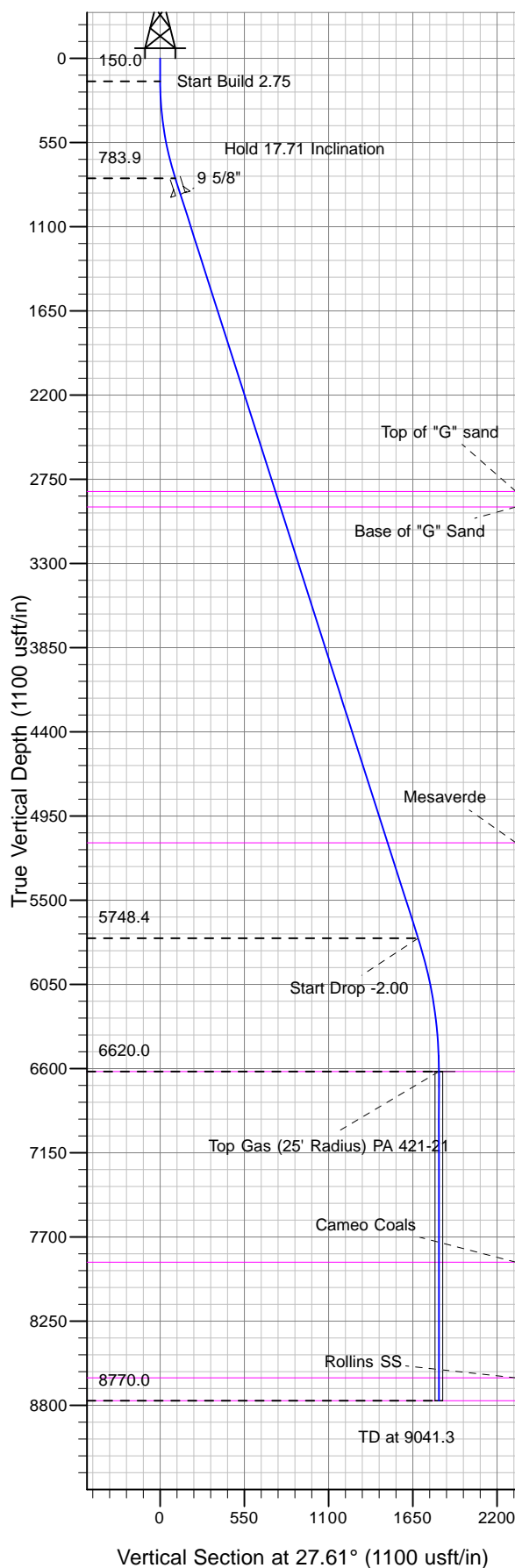




Well Name: PA 421-21
Surface Location: PA 22-21 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6023.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1620699.35 2292489.76 39° 30' 38.832 N 108° 0' 28.673 W A4
KELLY BUSHING @ 6049.0usft (Nabors 577 (26' KB)JMS)



Project: PA 21-06S-095W
Site: PA 22-21 Pad
Well: PA 421-21
Design #1 18Mar10 kjs

↑ T M
↑ A

Azimuths to True North
Magnetic North: 10.52°

Magnetic Field
Strength: 52381.8snT
Dip Angle: 65.78°
Date: 3/18/2010
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
150.0	150.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 2.75
783.9	794.1	17.71	27.61	87.5	45.8	98.8	98.8	Hold 17.71 Inclination
5748.4	6005.7	17.71	27.61	1492.5	780.6	1684.3	1684.3	Start Drop -2.00
6620.0	6891.3	0.00	0.00	1612.8	843.6	1820.1	1820.1	Top Gas
8770.0	9041.3	0.00	0.00	1612.8	843.6	1820.1	1820.1	TD at 9041.3