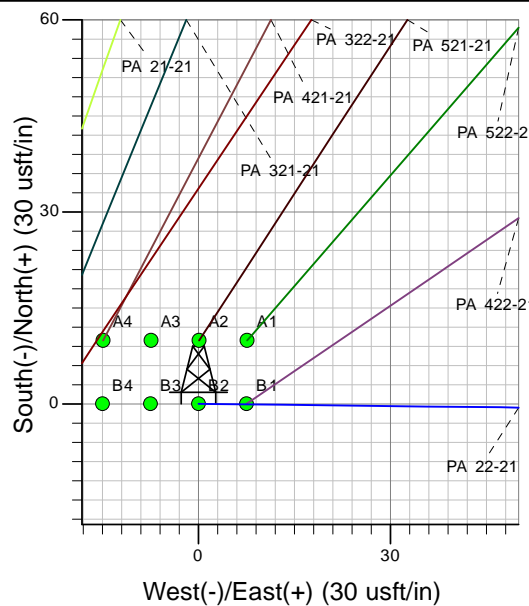
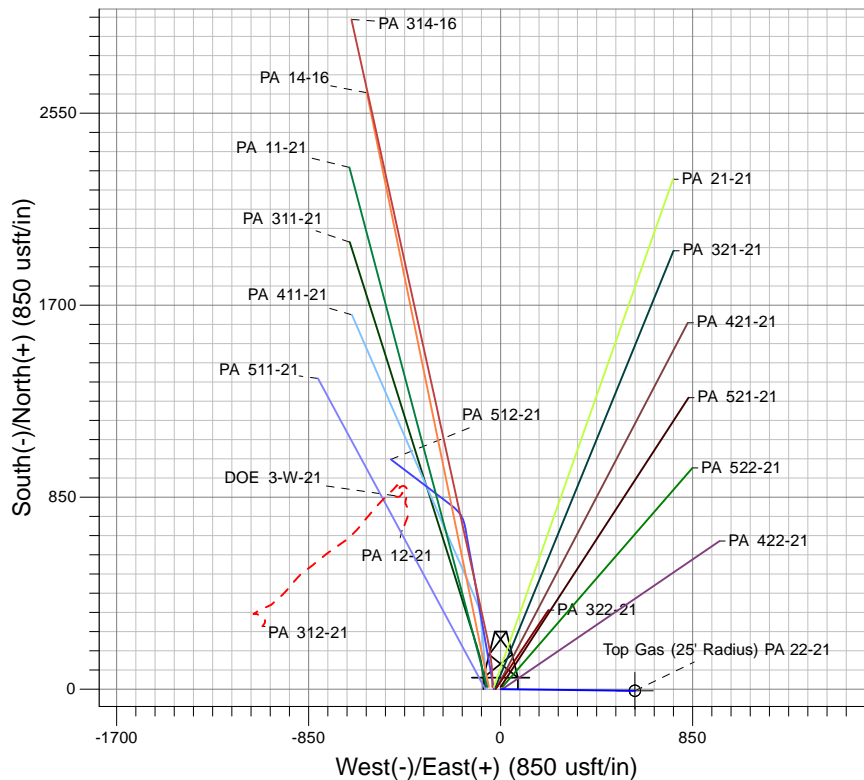
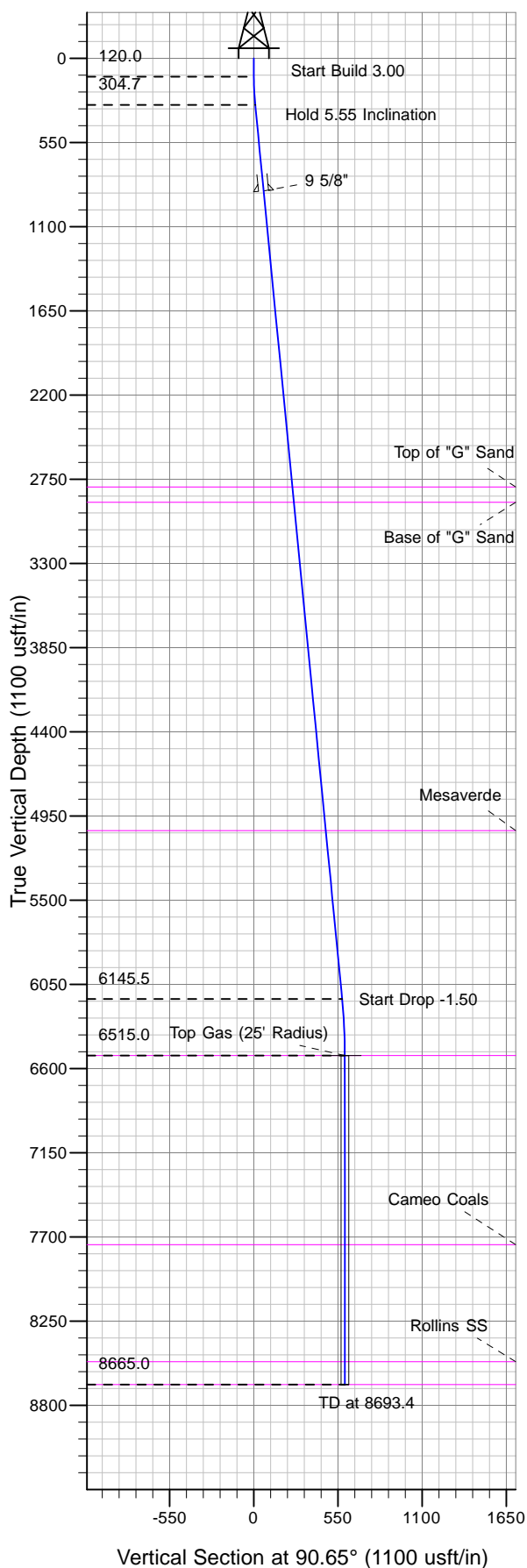




Well Name: PA 22-21
Surface Location: PA 22-21 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6023.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1620689.04 2292504.38 39° 30' 38.734 N 108° 0' 28.483 W B2
KELLY BUSHING @ 6049.0usft (Nabors 577 (26' KB) JMS)



Project: PA 21-06S-095W
Site: PA 22-21 Pad
Well: PA 22-21
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
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.00
304.7	305.0	5.55	90.65	-0.1	9.0	9.0	9.0	Hold 5.55 Inclination
6145.5	6173.3	5.55	90.65	-6.5	576.5	576.6	576.6	Start Drop -1.50
6515.0	6543.4	0.00	0.00	-6.7	594.5	594.5	594.5	Top Gas
8665.0	8693.4	0.00	0.00	-6.7	594.5	594.5	594.5	TD at 8693.4