



+N/-S  
0.0

+E/-W  
0.0

Northing  
1618258.00

Easting  
2289269.30

Latitude  
39° 30' 13.831 N

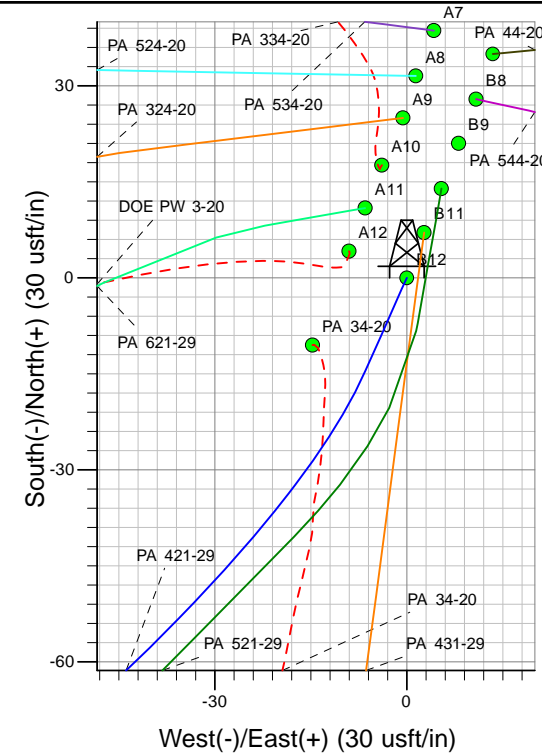
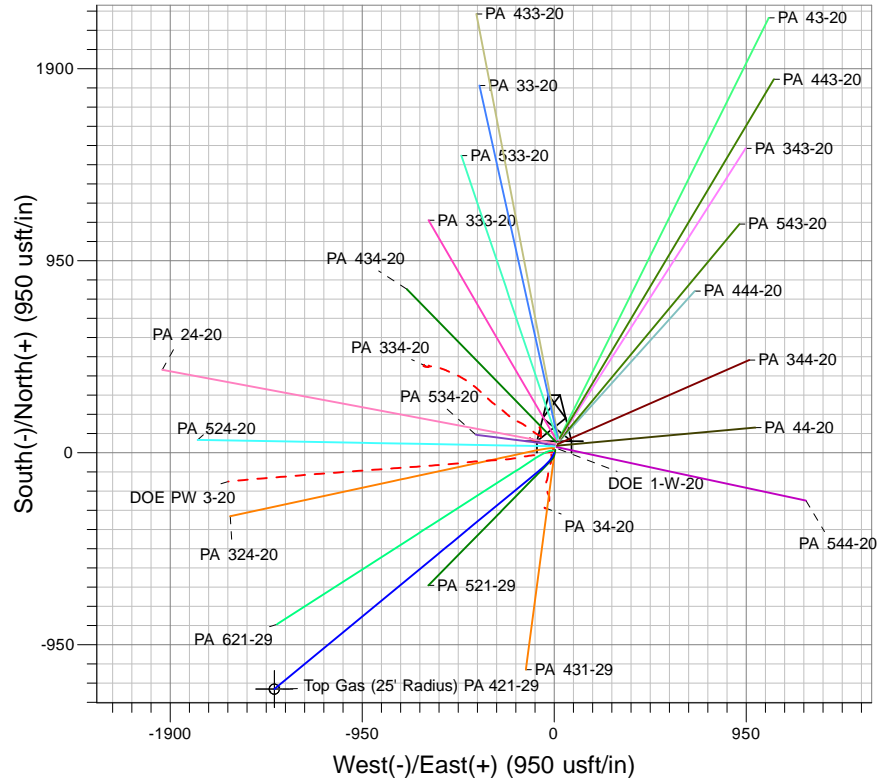
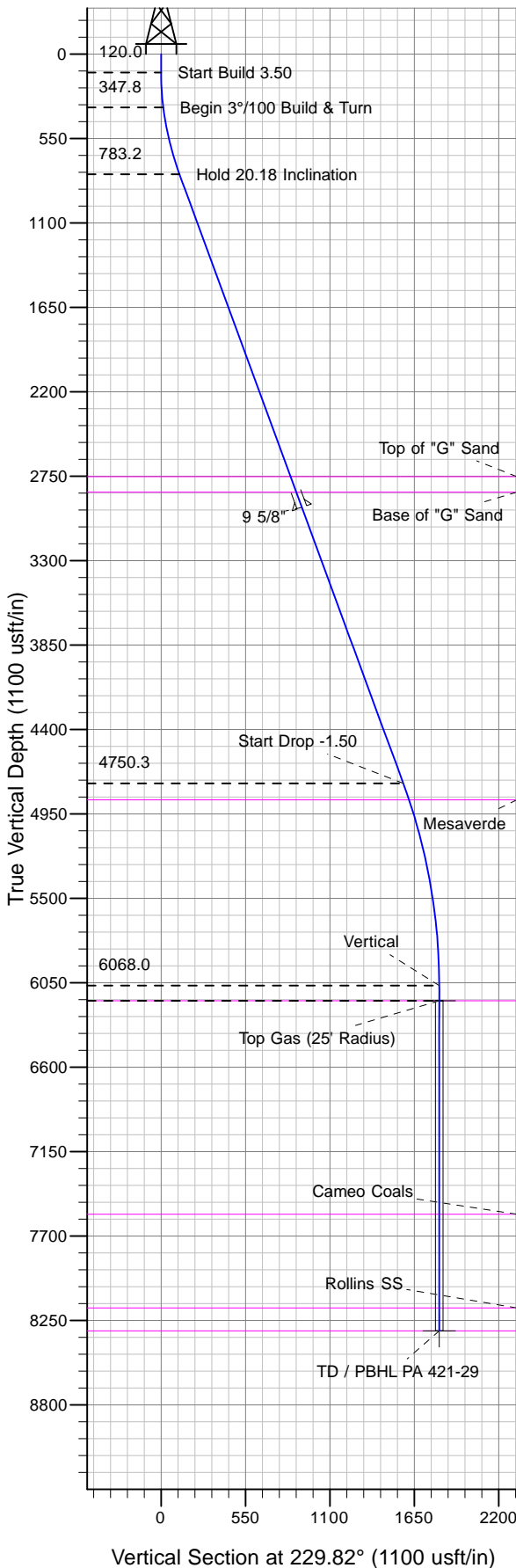
Longitude  
108° 1' 8.885 W

Slot  
B12

Well Name: PA 421-29  
Surface Location: DOE 1-W-20 Pad  
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

Ground Elevation: 6230.0

KELLY BUSHING @ 6256.0usft (SSD 577 (26' RKB) kjs)



Project: PA 20-06S-095W  
Site: DOE 1-W-20 Pad  
Well: PA 421-29  
Plan #2 01Oct10 kjs



Azimuths to True North  
Magnetic North: 10.51°  
Magnetic Field  
Strength: 52365.1snT  
Dip Angle: 65.77°  
Date: 4/22/2010  
Model: IGRF2010

#### ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.50
347.8	348.6	8.00	204.00	-14.6	-6.5	14.3	15.9	Begin 3°/100 Build & Turn
783.2	797.9	20.18	230.48	-92.8	-79.3	120.5	123.6	Hold 20.18 Inclination
4750.3	5024.5	20.18	230.48	-1020.6	-1204.1	1578.4	1581.7	Start Drop -1.50
6068.0	6369.8	0.00	0.00	-1169.8	-1385.0	1812.9	1816.2	Vertical
6168.0	6469.8	0.00	75.31	-1169.8	-1385.0	1812.9	1816.2	Top Gas
8318.0	8619.8	0.00	75.31	-1169.8	-1385.0	1812.9	1816.2	TD at 8619.8