



+N/-S
0.0

+E/-W
0.0

Northing
1618327.50

Easting
2289297.80

Latitude
39° 30' 14.526 N

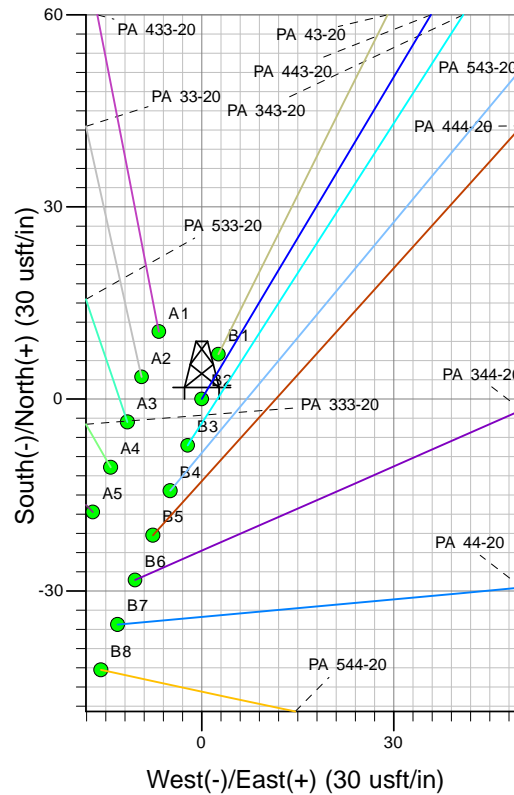
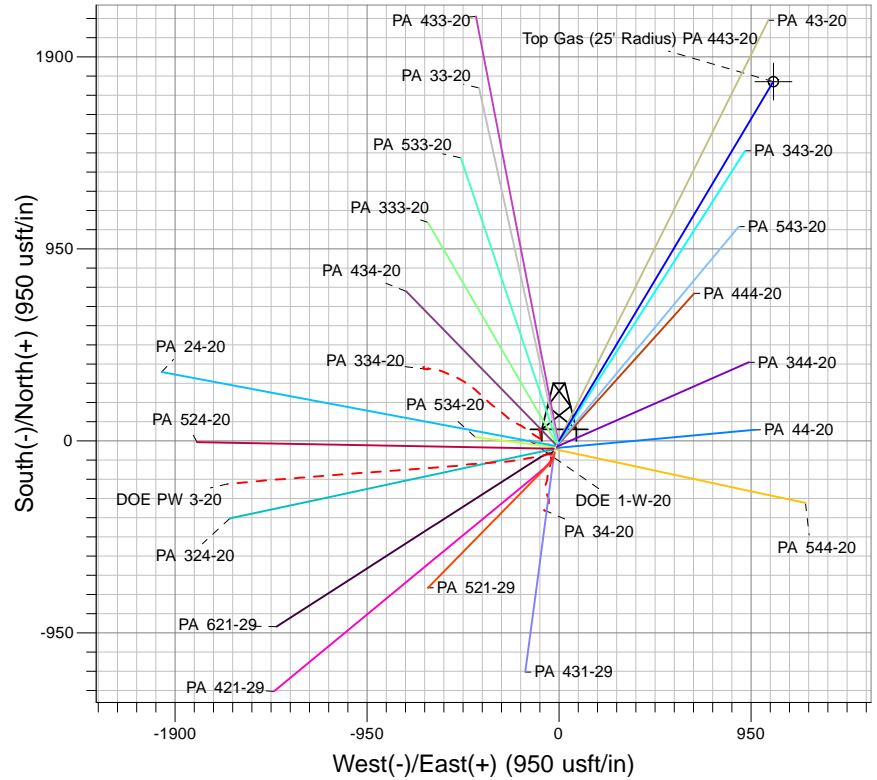
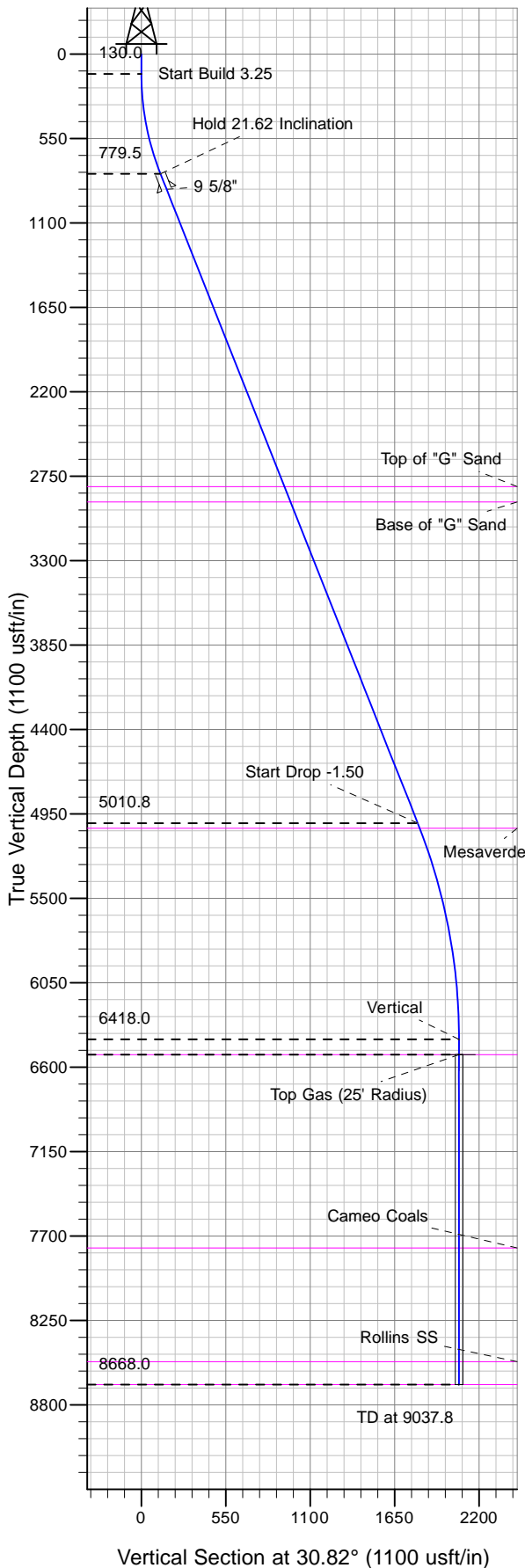
Longitude
108° 1' 8.546 W

Slot
B2

Well Name: PA 443-20
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 443-20
Plan #2 01Oct10 kjs



Azimuths to True North
Magnetic North: 10.51°
Magnetic Field
Strength: 52365.3snT
Dip Angle: 65.77°
Date: 4/22/2010
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
130.0	130.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.25
779.5	795.2	21.62	30.82	106.5	63.5	124.0	124.0	Hold 21.62 Inclination
5010.8	5346.6	21.62	30.82	1546.5	922.7	1800.8	1800.8	Start Drop -1.50
6418.0	6787.8	0.00	0.00	1777.2	1060.3	2069.5	2069.5	Vertical
6518.0	6887.8	0.00	0.00	1777.2	1060.3	2069.5	2069.5	Top Gas
8668.0	9037.8	0.00	0.00	1777.2	1060.3	2069.5	2069.5	TD at 9037.8