



+N/-S
0.0

+E/-W
0.0

Northing
1618303.30

Easting
2289277.40

Latitude
39° 30' 14.281 N

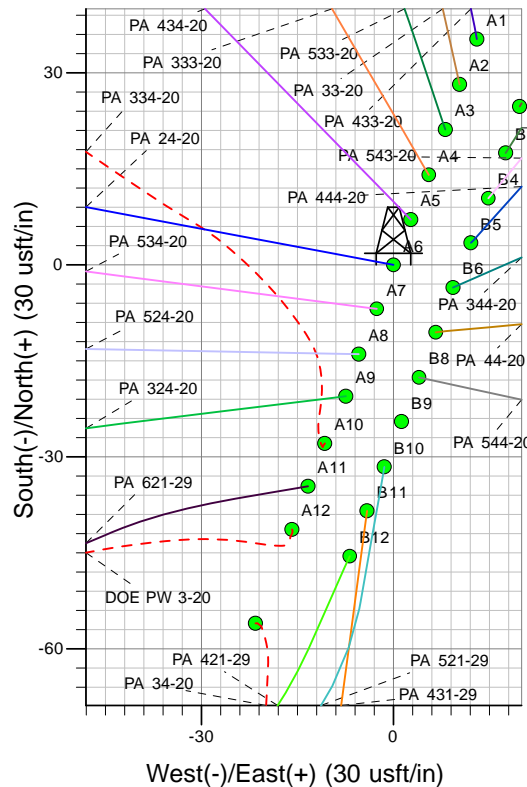
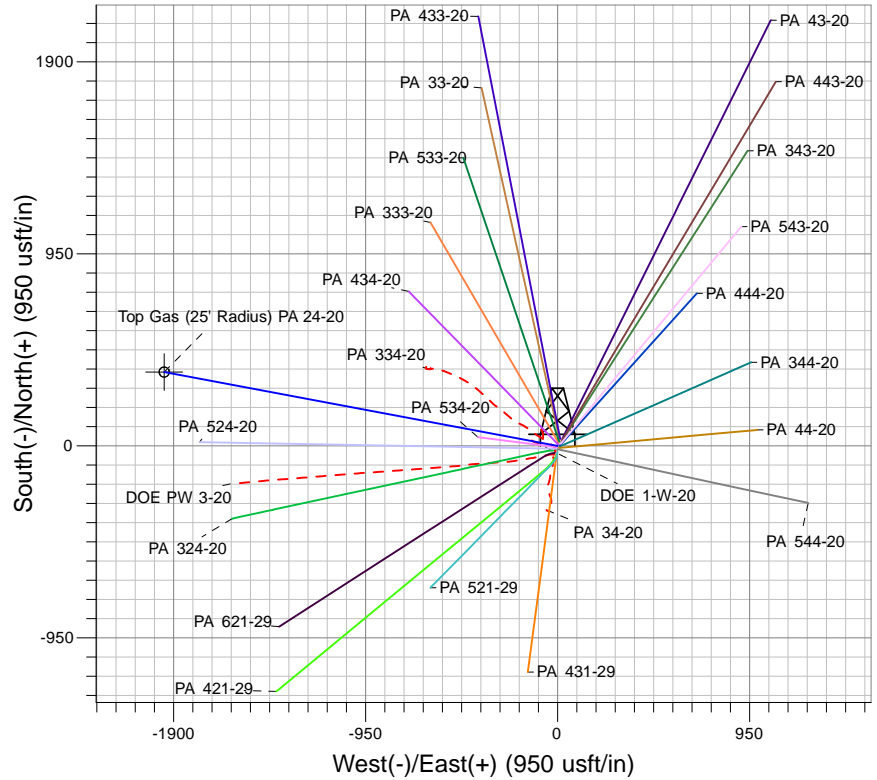
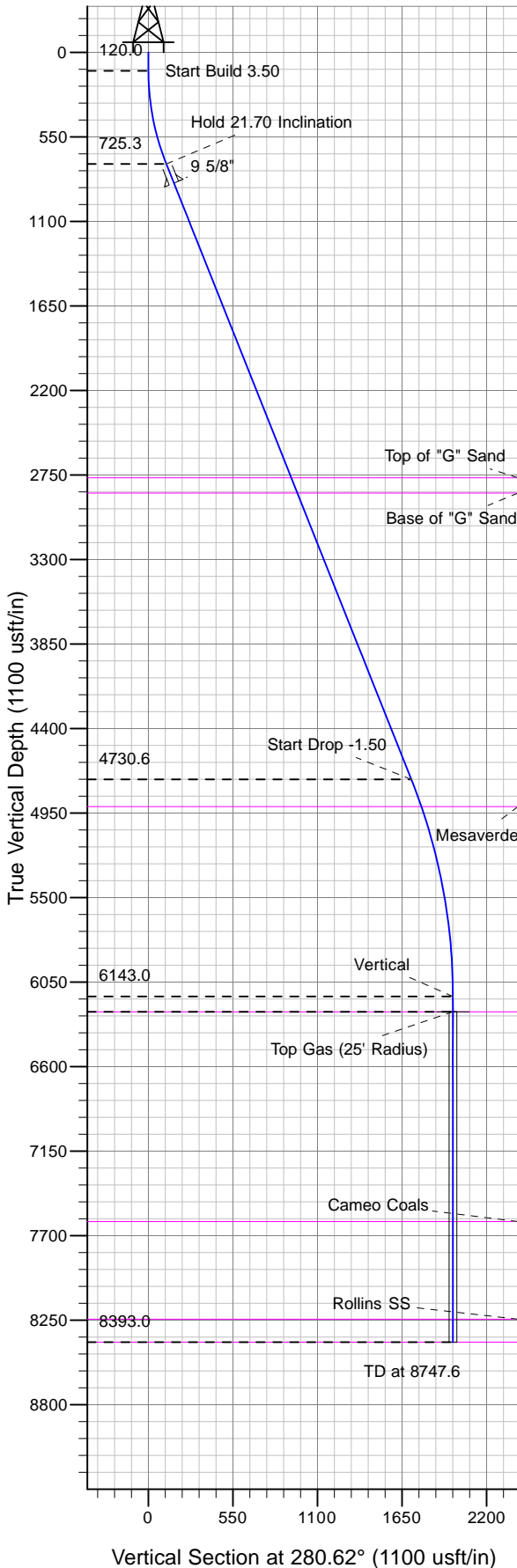
Longitude
108° 1' 8.798 W

Slot
A6

Well Name: PA 24-20
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 24-20
Plan #2 01Oct10 kjs



Azimuths to True North
Magnetic North: 10.51°
Magnetic Field
Strength: 52365.2snT
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
725.3	740.0	21.70	280.62	21.4	-114.0	116.0	116.0	Hold 21.70 Inclination
4730.6	5050.9	21.70	280.62	315.1	-1680.7	1710.0	1710.0	Start Drop -1.50
6143.0	6497.6	0.00	0.00	365.0	-1946.8	1980.7	1980.7	Top Gas
6243.0	6597.6	0.00	0.00	365.0	-1946.8	1980.7	1980.7	TD at 8747.6
8393.0	8747.6	0.00	0.00	365.0	-1946.8	1980.7	1980.7	