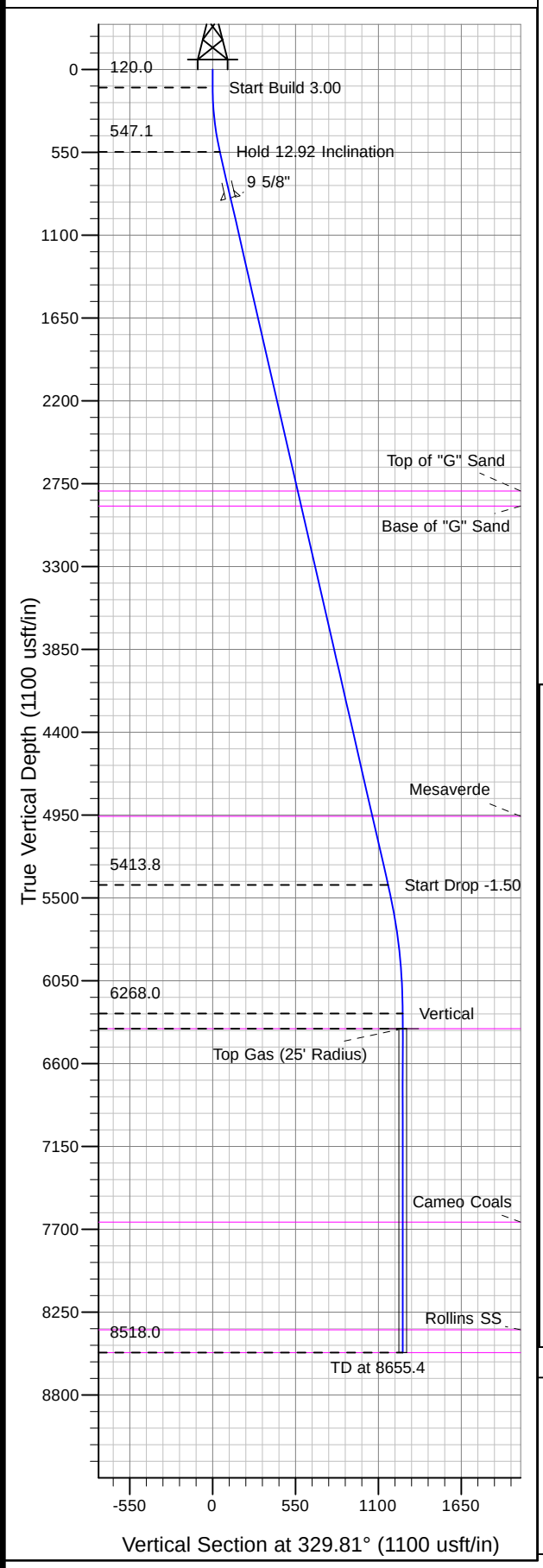
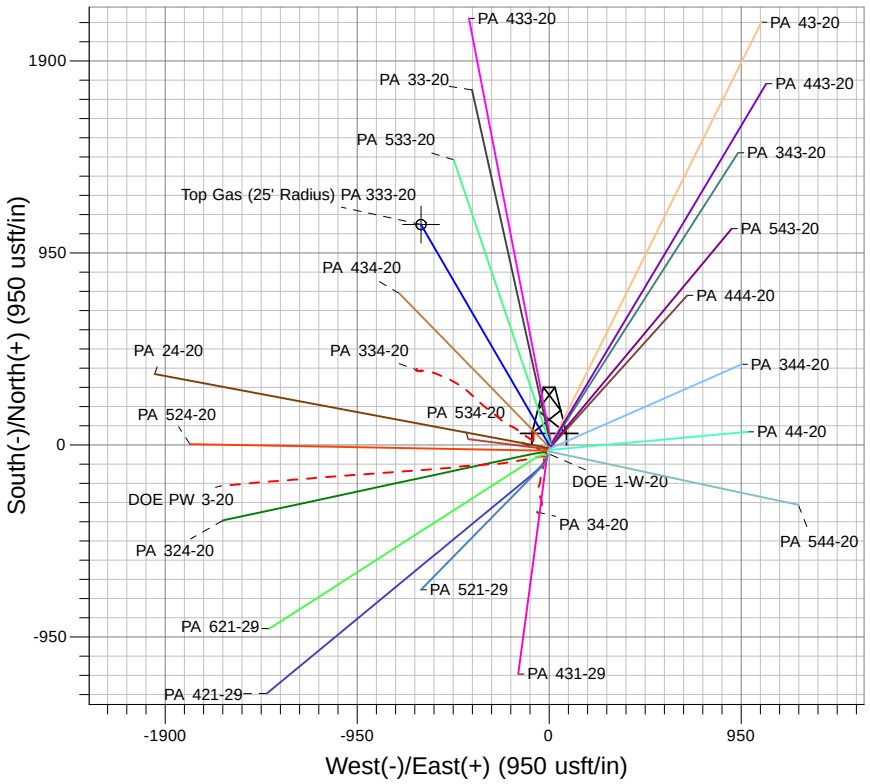
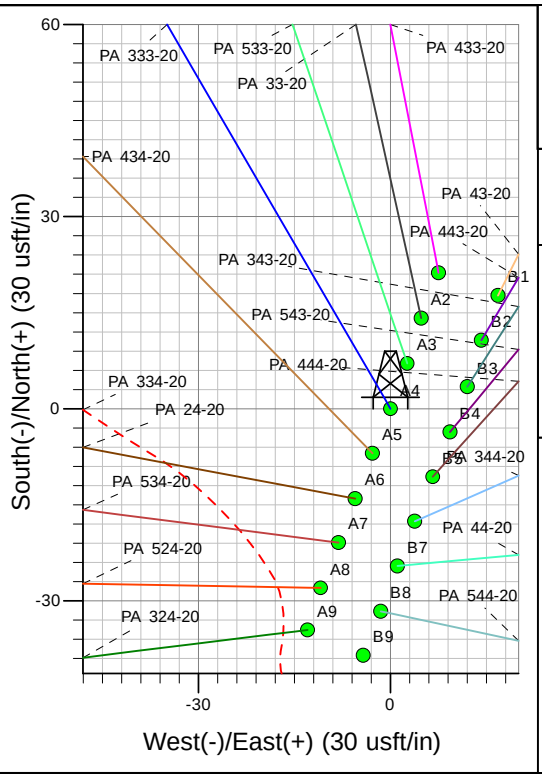
Well Name: PA 333-20
Surface Location: DOE 1-W-20 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6230.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1618317.20	2289283.30	39° 30' 14.420 N	108° 1' 8.727 W	A4

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







Project: PA 20-06S-095W
Site: DOE 1-W-20 Pad
Well: PA 333-20
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 3.00
547.1	550.8	12.92	329.81	41.8	-24.3	48.4	48.4	Hold 12.92 Inclination
5413.8	5543.9	12.92	329.81	1007.0	-585.8	1165.0	1165.0	Start Drop -1.50
6268.0	6405.4	0.00	0.00	1090.6	-634.5	1261.8	1261.8	Vertical
6368.0	6505.4	0.00	0.00	1090.6	-634.5	1261.8	1261.8	Top Gas
8518.0	8655.4	0.00	0.00	1090.6	-634.5	1261.8	1261.8	TD at 8655.4