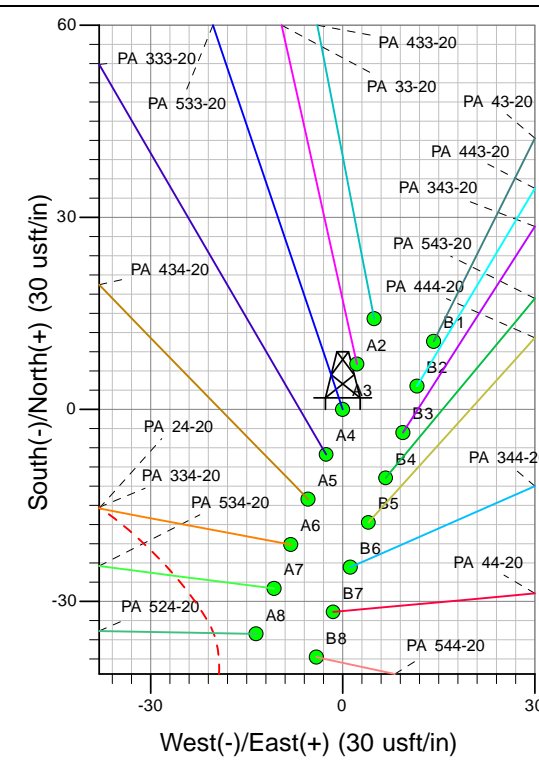
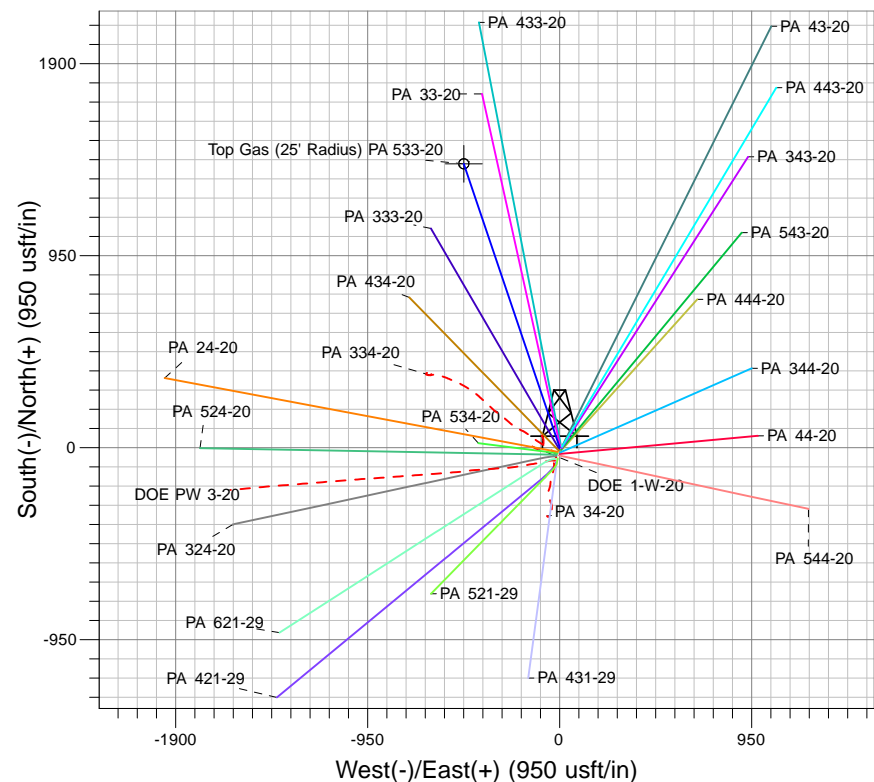
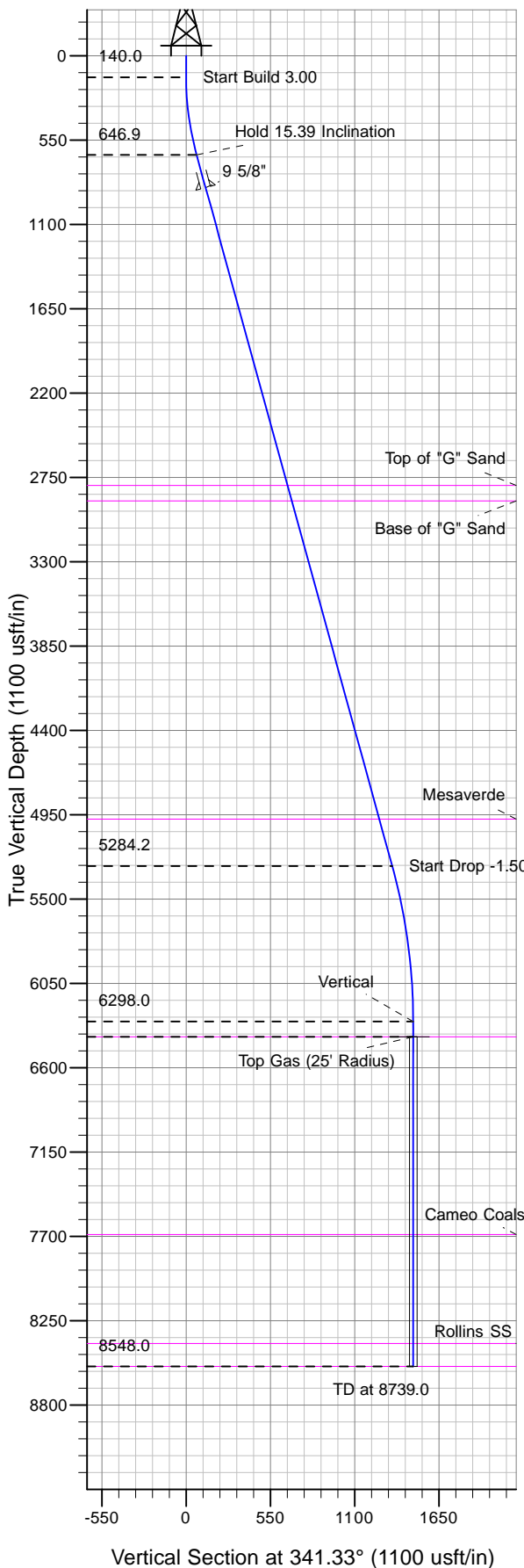




Well Name: PA 533-20
Surface Location: DOE 1-W-20 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6230.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1618324.20	2289286.10	39° 30' 14.490 N	108° 1' 8.694 W	A3

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



Project: PA 20-06S-095W
Site: DOE 1-W-20 Pad
Well: PA 533-20
Plan #2 01Oct10 kjs

Compass rose showing True North (T), Magnetic North (M), and Azimuth (A).
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	
140.0	140.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.00	
646.9	653.1	15.39	341.33	64.9	-21.9	68.5	68.5	Hold 15.39 Inclination	
5284.2	5462.8	15.39	341.33	1274.3	-430.6	1345.1	1345.1	Start Drop -1.50	
6298.0	6489.0	0.00	0.00	1404.1	-474.5	1482.1	1482.1	Vertical	
6398.0	6589.0	0.00	0.00	1404.1	-474.5	1482.1	1482.1	Top Gas	
8548.0	8739.0	0.00	0.00	1404.1	-474.5	1482.1	1482.1	TD at 8739.0	