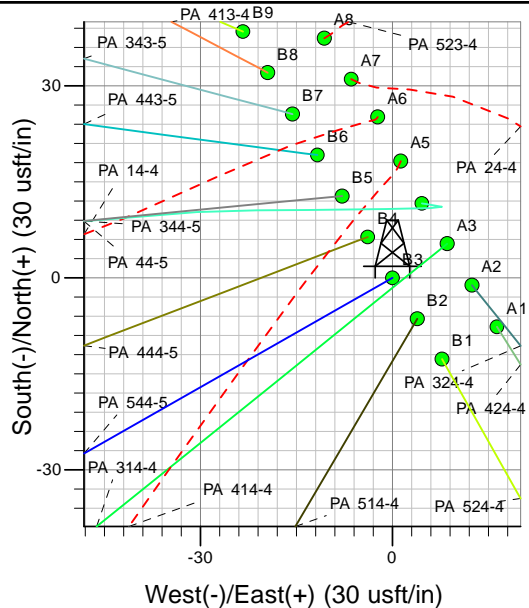
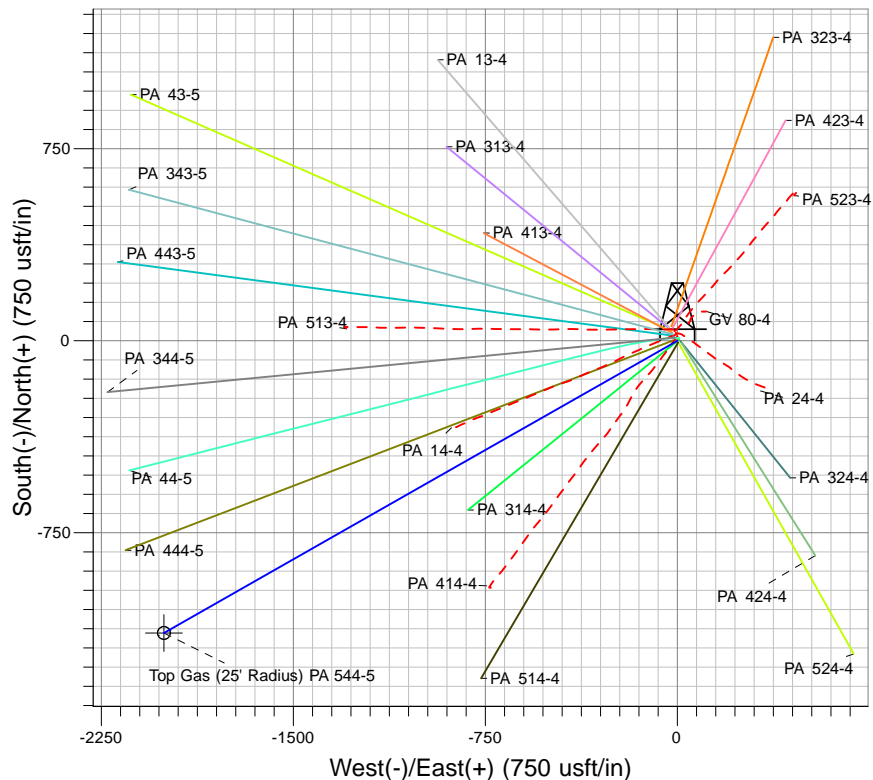
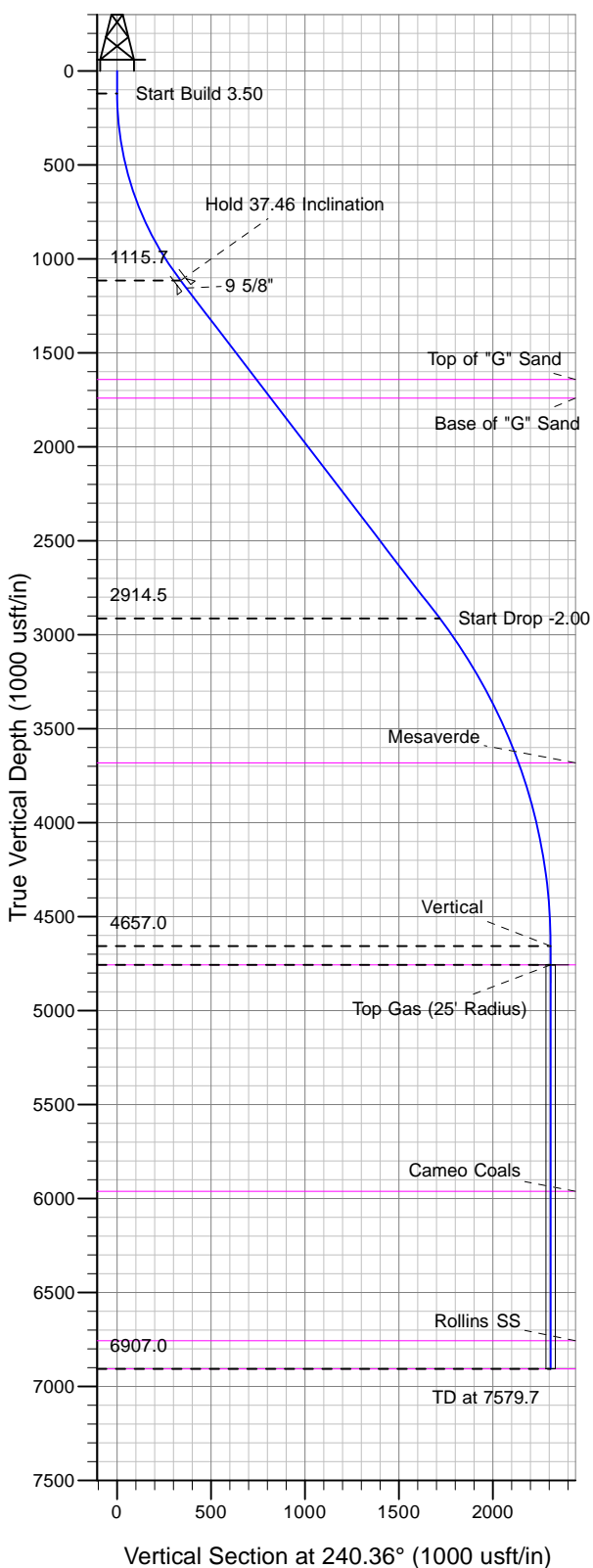




Well Name: PA 544-5
Surface Location: GV 80-4 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5586.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1603435.40 2292329.80 39° 27' 48.223 N 108° 0' 24.635 W B3
KELLY BUSHING @ 5612.0usft (Nabors SSD (26' RKB) kjs)



Project: PA 04-07S-095W
Site: GV 80-4 Pad
Well: PA 544-5
Plan #2 26Apr10 kjs

Compass rose showing True North (T), Magnetic North (M), and Azimuth (A).
Azimuths to True North
Magnetic North: 10.80°
Magnetic Field
Strength: 52618.2snT
Dip Angle: 65.82°
Date: 11/7/2007
Model: IGRF2005-10

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
1115.7	1190.4	37.46	240.36	-167.0	-293.4	337.6	337.6	Hold 37.46 Inclination
2914.5	3456.6	37.46	240.36	-848.8	-1491.4	1716.0	1716.0	Start Drop -2.00
4657.0	5329.7	0.00	0.00	-1141.0	-2005.0	2306.9	2306.9	Vertical
4757.0	5429.7	0.00	0.00	-1141.0	-2005.0	2306.9	2306.9	Top Gas
6907.0	7579.7	0.00	0.00	-1141.0	-2005.0	2306.9	2306.9	TD at 7579.7