



+N/-S
0.0

+E/-W
0.0

Northing
1603422.50

Well Name: PA 524-4
Surface Location: GV 80-4 Pad

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

Ground Elevation: 5586.0

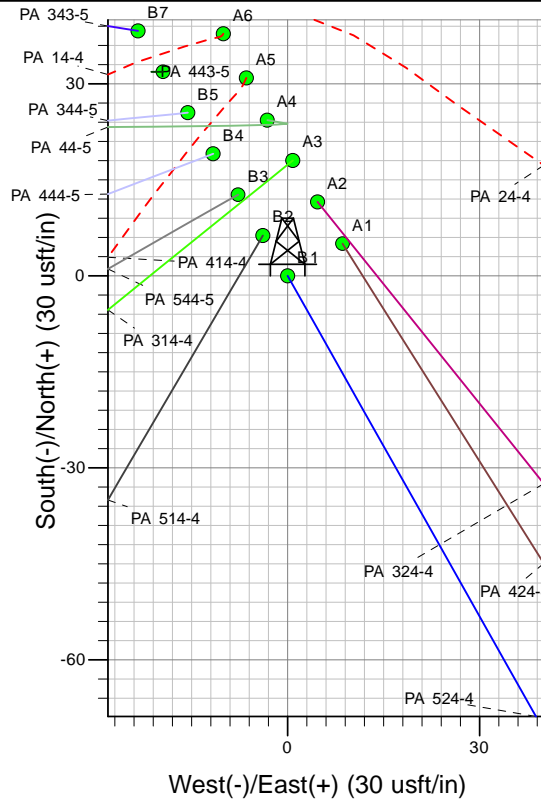
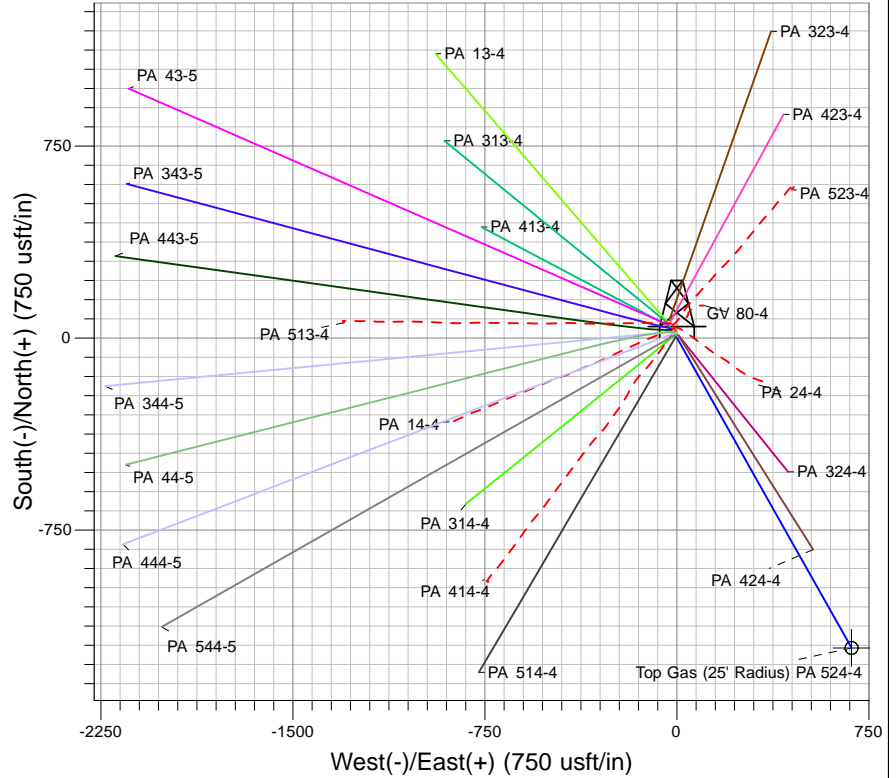
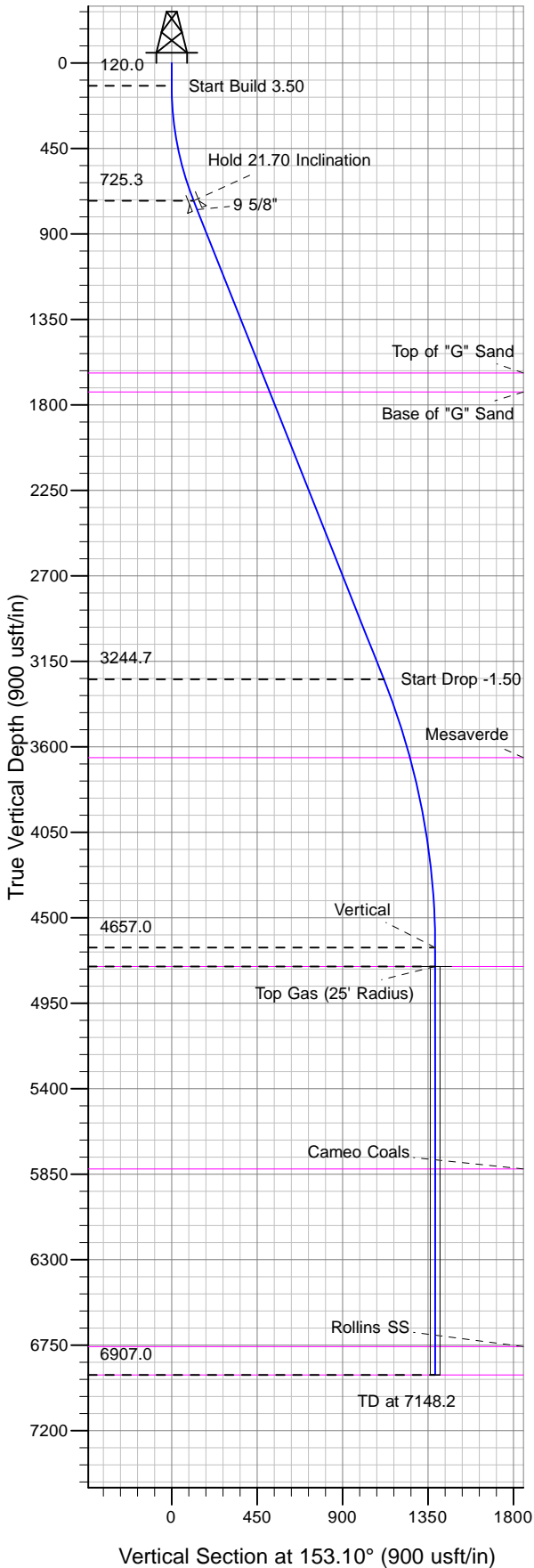
Easting
2292337.20

Latitude
39° 27' 48.097 N

Longitude
108° 0' 24.536 W

Slot
B1

KELLY BUSHING @ 5612.0usft (Nabors SSD (26' RKB) kjs)



Project: PA 04-07S-095W
Site: GV 80-4 Pad
Well: PA 524-4
Plan #3 11Aug10 kjs



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
725.3	740.0	21.70	150.61	-101.1	56.9	115.9	116.0	Hold 21.70 Inclination
3244.7	3451.6	21.70	150.61	-974.6	549.0	1117.5	1118.6	Start Drop -1.50
4657.0	4898.2	0.00	0.00	-1210.4	681.9	1387.9	1389.3	Vertical
4757.0	4998.2	0.00	0.00	-1210.4	681.9	1387.9	1389.3	Top Gas
6907.0	7148.2	0.00	0.00	-1210.4	681.9	1387.9	1389.3	TD at 7148.2