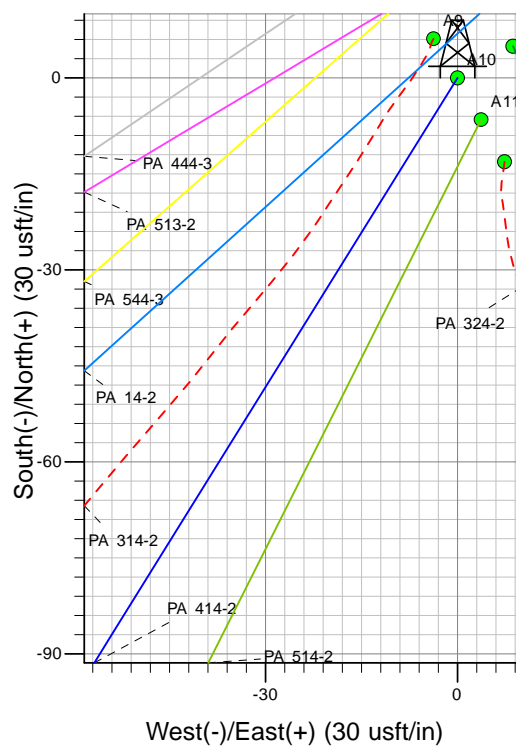
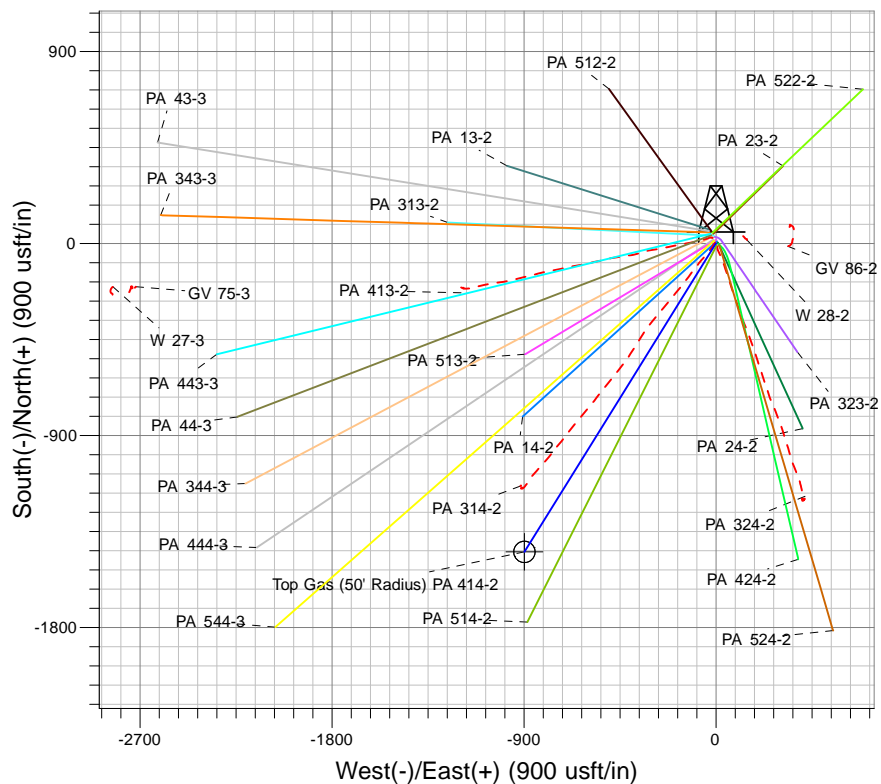
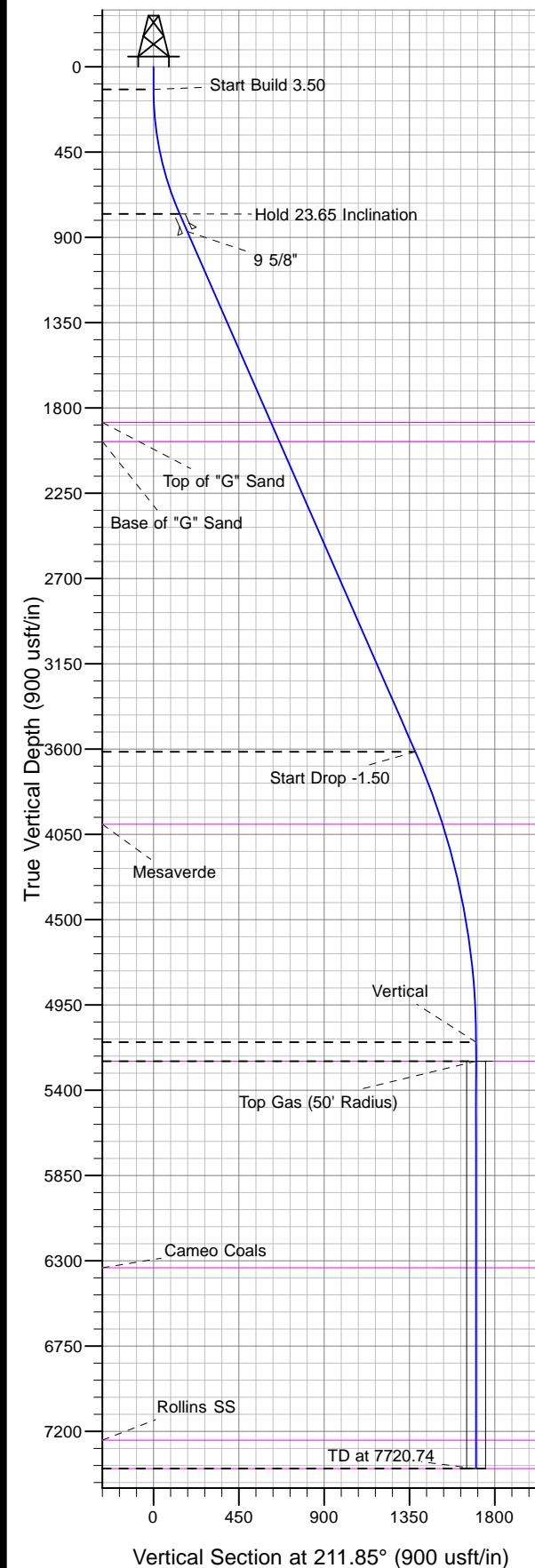




Well Name: PA 414-2
Surface Location: GV 86-2 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5821.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603729.00	2302946.10	39.46500	-107.96928	A10

KELLY BUSHING @ 5847.00usft (Nabors 577 (26' RKB) kjs)



Project: PA 02-07S-095W
Site: GV 86-2 Pad
Well: PA 414-2
Plan #2 12Feb13 kjs



Azimuths to True North
Magnetic North: 10.78°
Magnetic Field
Strength: 52623.9snT
Dip Angle: 65.82°
Date: 11/1/2007
Model: IGRF2005-10

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.50
795.84	23.65	211.85	776.81	-116.84	-72.57	137.54	137.54	Hold 23.65 Inclination
3893.77	23.65	211.85	3614.45	-1172.68	-728.40	1380.49	1380.49	Start Drop -1.50
5470.74	0.00	0.00	5147.00	-1445.30	-897.74	1701.42	1701.42	Vertical
5570.74	0.00	0.00	5247.00	-1445.30	-897.74	1701.42	1701.42	Top Gas
7720.74	0.00	0.00	7397.00	-1445.30	-897.74	1701.42	1701.42	TD at 7720.74