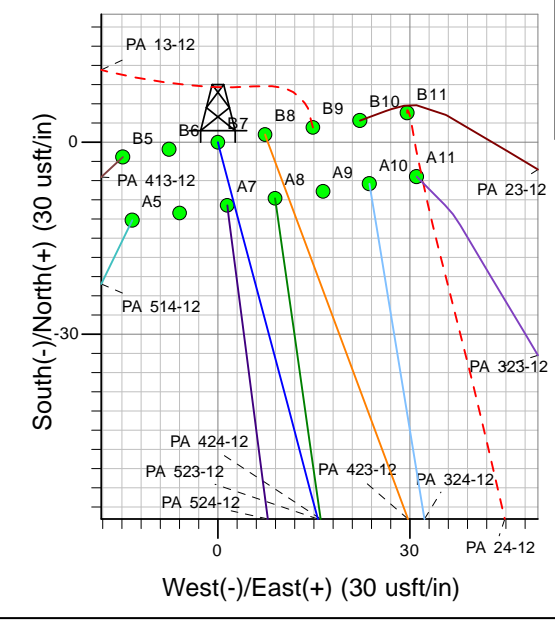
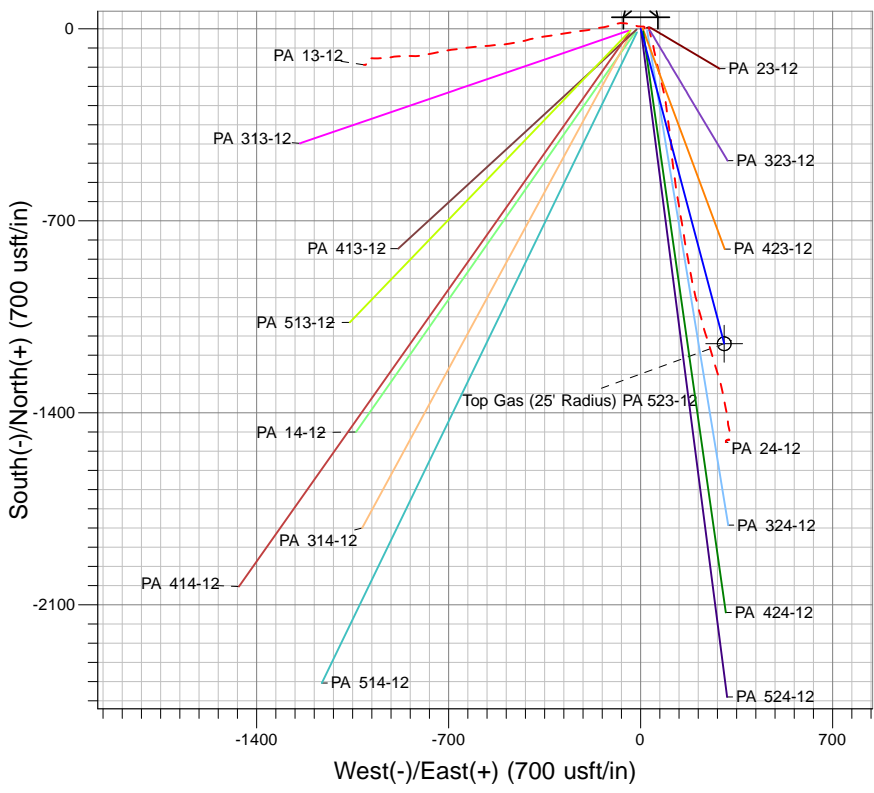
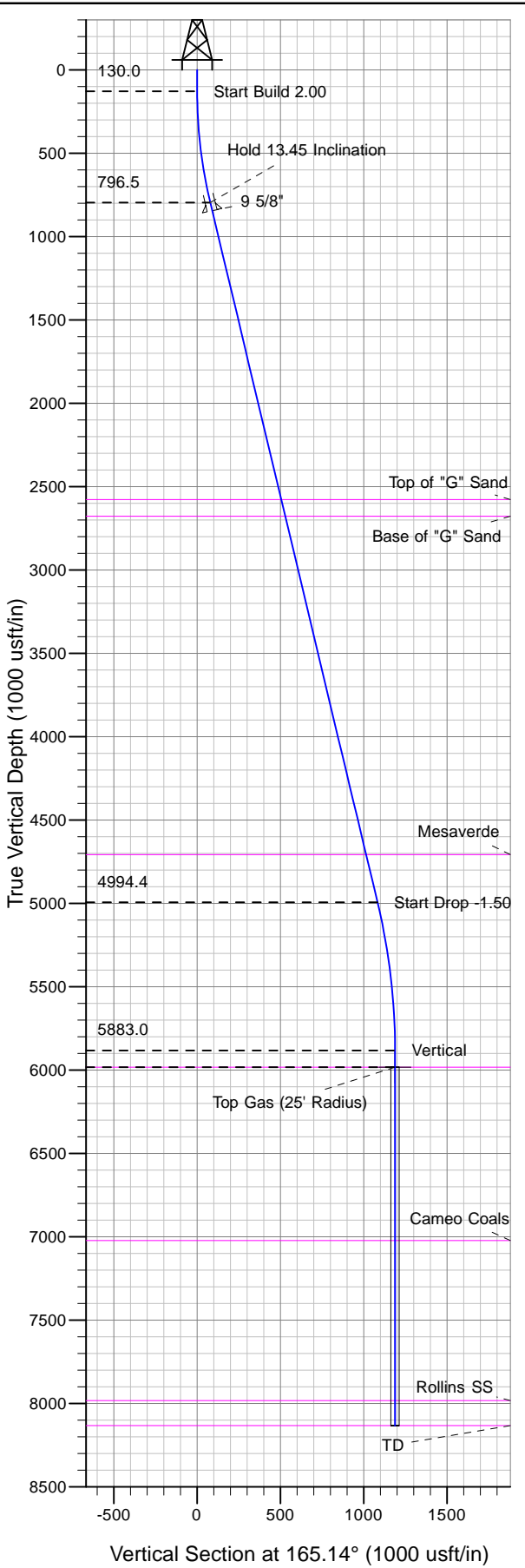




Well Name: PA 523-12
Surface Location: PA 23-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6507.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1598882.80 2308301.60 39° 27' 7.549 N 107° 56' 59.488 W B7
KELLY BUSHING @ 6533.0usft ((26' RKB) kjs)



Project: PA 12-07S-095W
Site: PA 23-12 Pad
Well: PA 523-12
Plan #2 16Aug10 kjs

T M
Azimuths to True North
Magnetic North: 10.83°
Magnetic Field
Strength: 52653.7snT
Dip Angle: 65.83°
Date: 6/5/2007
Model: IGRF2005-10

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation	
130.0	130.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 2.00	
796.5	802.6	13.45	165.14	-76.0	20.2	78.6	78.6	Hold 13.45 Inclination	
4994.4	5119.0	13.45	165.14	-1046.6	277.6	1082.8	1082.8	Start Drop -1.50	
5883.0	6015.8	0.00	0.00	-1147.9	304.5	1187.6	1187.6	Vertical	
5983.0	6115.8	0.00	0.00	-1147.9	304.5	1187.6	1187.6	Top Gas	
8133.0	8265.8	0.00	0.00	-1147.9	304.5	1187.6	1187.6	TD at 8265.8	