



+N/-S
0.0

+E/-W
0.0

Northing
1592703.88

Well Name: SP 323-13

Surface Location: SP 13-13 Pad East

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

Ground Elevation: 7986.0

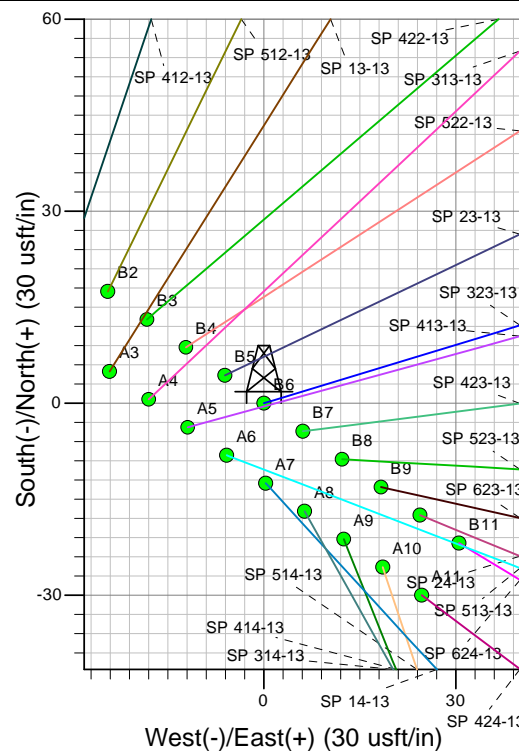
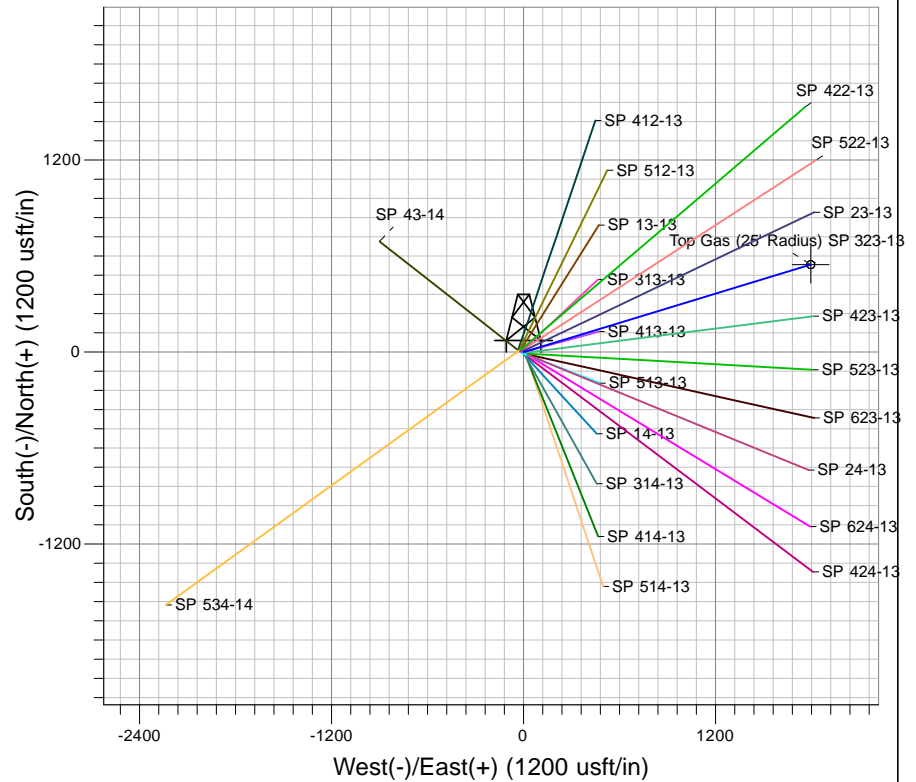
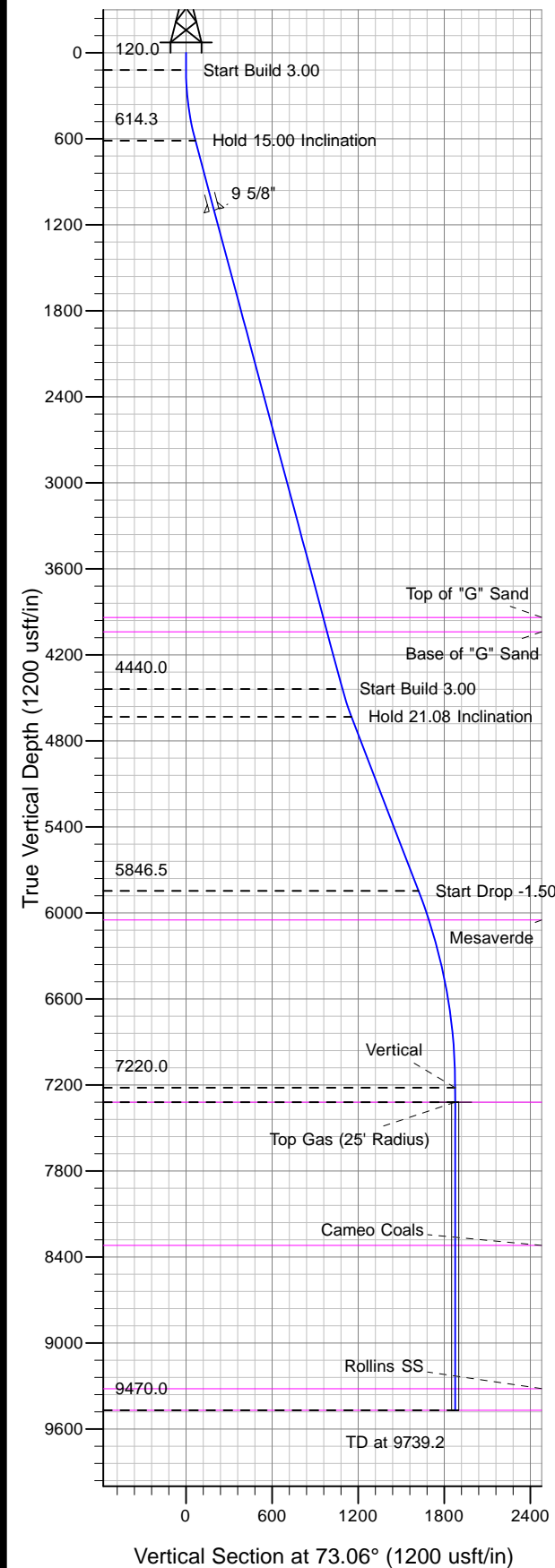
Easting
2306734.62

Latitude
39° 26' 6.082 N

Longitude
107° 57' 17.330 W

Slot
B6

KELLY BUSHING @ 8010.0usft (H&P 278 (24' RKB) kjs)



Project: PA 13-07S-095W
Site: SP 13-13 Pad East
Well: SP 323-13
Design #1 08Nov10 kjs

Azimuths to True North
Magnetic North: 10.40°

Magnetic Field
Strength: 52266.7nT
Dip Angle: 65.71°
Date: 11/8/2010
Model: IGRF2010

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 3.00
614.3	620.0	15.00	73.06	19.0	62.3	65.1	65.1	Hold 15.00 Inclination
4440.0	4580.6	15.00	73.06	317.6	1042.9	1090.2	1090.2	Start Build 3.00
4632.5	4783.2	21.08	73.05	335.9	1102.8	1152.8	1152.8	Hold 21.08 Inclination
5846.5	6084.2	21.08	73.05	472.3	1550.3	1620.7	1620.7	Start Drop -1.50
7220.0	7489.2	0.00	0.00	546.7	1794.8	1876.2	1876.2	Vertical
7320.0	7589.2	0.00	0.00	546.7	1794.8	1876.2	1876.2	Top Gas
9470.0	9739.2	0.00	0.00	546.7	1794.8	1876.2	1876.2	TD at 9739.2