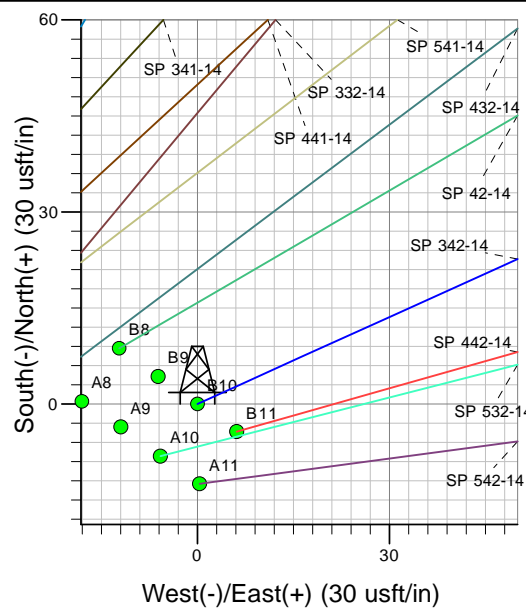
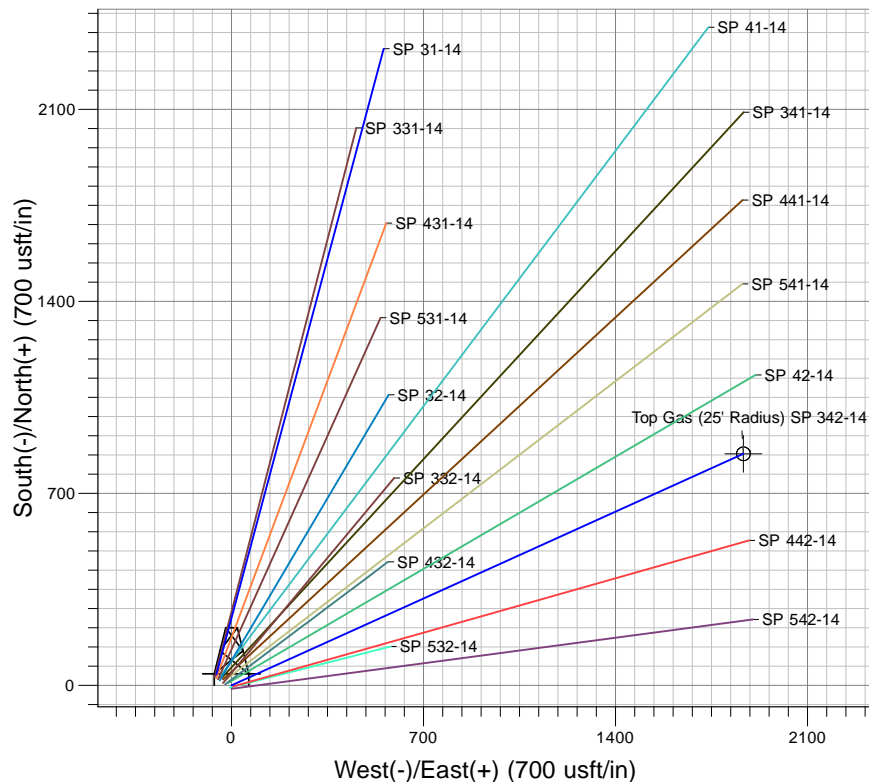
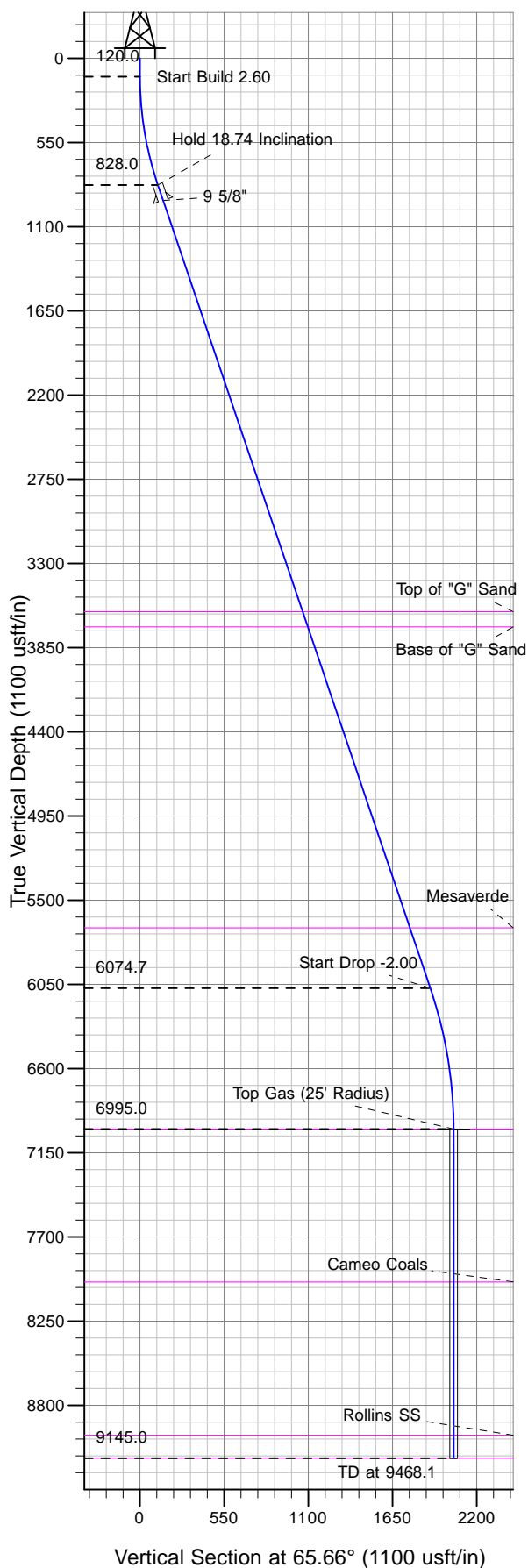




Well Name: SP 342-14
 Surface Location: SP 32-14 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 7639.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1593887.30 2303915.70 39° 26' 17.020 N 107° 57' 53.655 W B10
 WELL @ 7662.0usft (Cyclone 30 (23' KB) JMS)



Project: PA 14-07S-095W
 Site: SP 32-14 Pad
 Well: SP 342-14
 Design #1 25Jan10 kjs

Azimuths to True North
 Magnetic North: 10.49°
 Magnetic Field
 Strength: 52377.4snT
 Dip Angle: 65.75°
 Date: 1/25/2010
 Model: IGRF2005-10

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 2.60
828.0	840.7	18.74	65.66	48.1	106.4	116.8	116.8	Hold 18.74 Inclination
6074.7	6381.1	18.74	65.66	781.6	1728.2	1896.7	1896.7	Start Drop -2.00
6995.0	7318.1	0.00	0.00	844.2	1866.6	2048.6	2048.6	Top gas
9145.0	9468.1	0.00	0.00	844.2	1866.6	2048.6	2048.6	TD at 9468.1