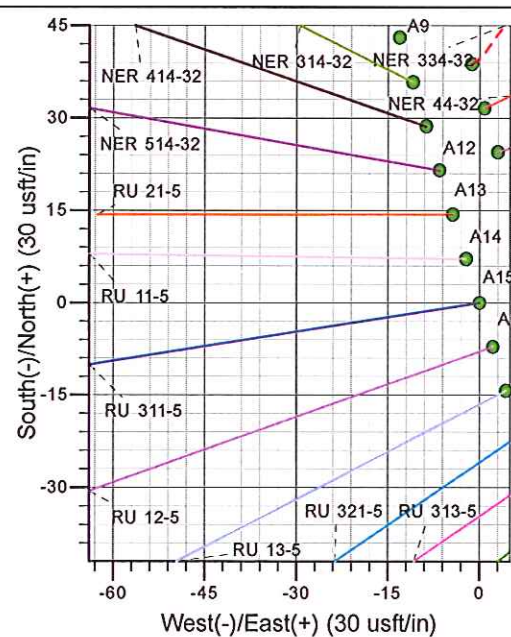
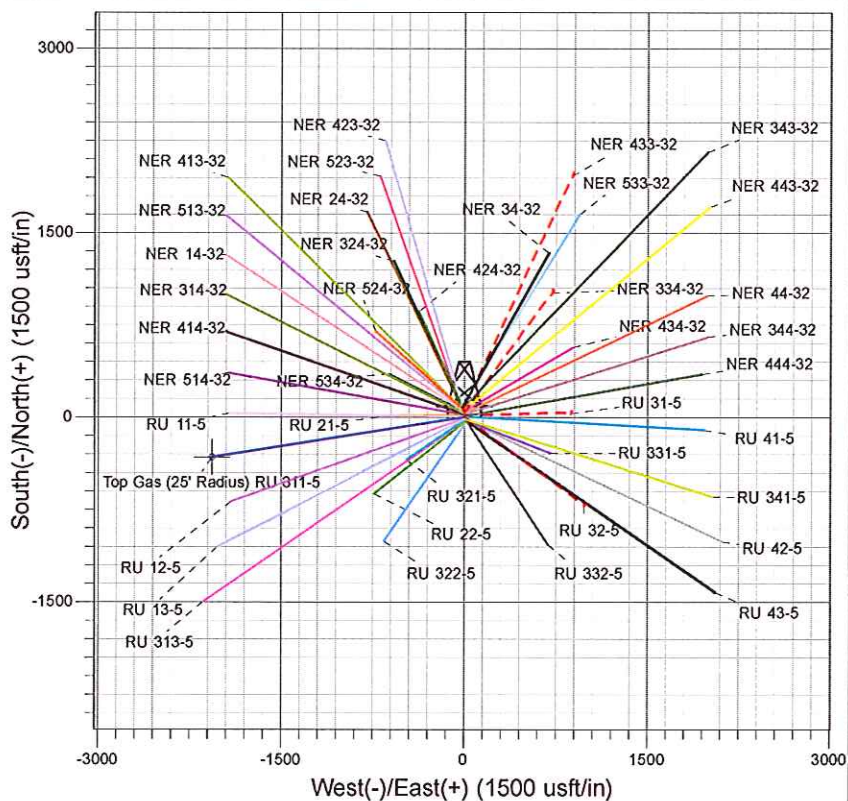
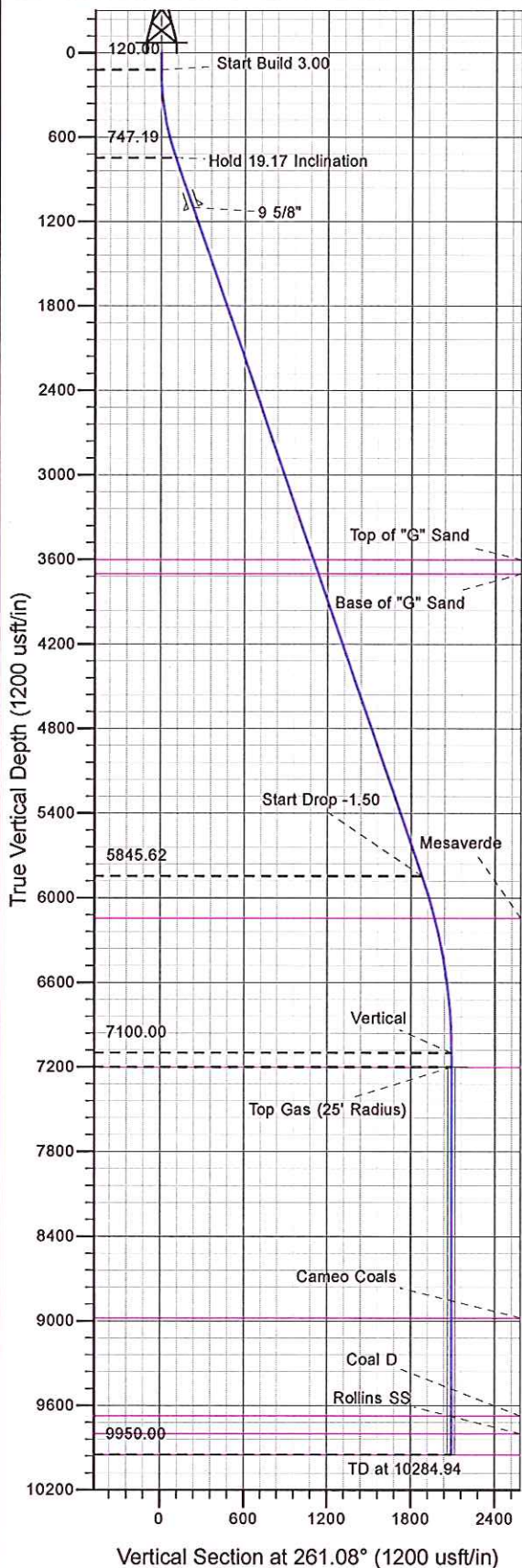




Well Name: RU 311-5  
 Surface Location: Single Cellar RU 23-5 Pad  
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
 Ground Elevation: 7602.00  
 +N/-S 0.00 +E/-W 0.00 Northing 1606024.40 Easting 2351148.40 Latitude 39.47477 Longitude -107.79881 Slot A15  
 KELLY BUSHING @ 7628.00usft



Project: RU 05-07S-093W  
 Site: Single Cellar RU 23-5 Pad  
 Well: RU 311-5  
 Plan #3 22Jun12 kjs



Azimuths to True North  
 Magnetic North: 10.58°  
 Magnetic Field  
 Strength: 52542.7snT  
 Dip Angle: 65.84°  
 Date: 10/21/2008  
 Model: IGRF2005-10

#### ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.00
759.05	19.17	261.08	747.19	-16.43	-104.64	105.92	105.92	Hold 19.17 Inclination
6156.84	19.17	261.08	5845.62	-291.38	-1855.80	1878.54	1878.54	Start Drop -1.50
7434.94	0.00	0.00	7100.00	-324.24	-2065.08	2090.38	2090.38	Vertical
7534.94	0.00	0.00	7200.00	-324.24	-2065.08	2090.38	2090.38	Top Gas
10284.94	0.00	0.00	9950.00	-324.24	-2065.08	2090.38	2090.38	TD at 10284.94