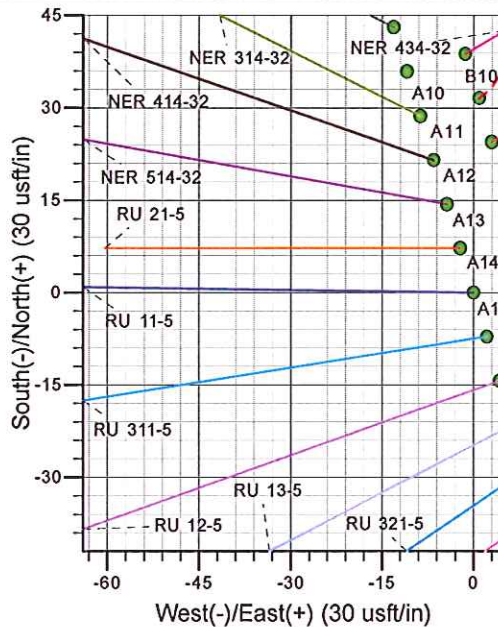
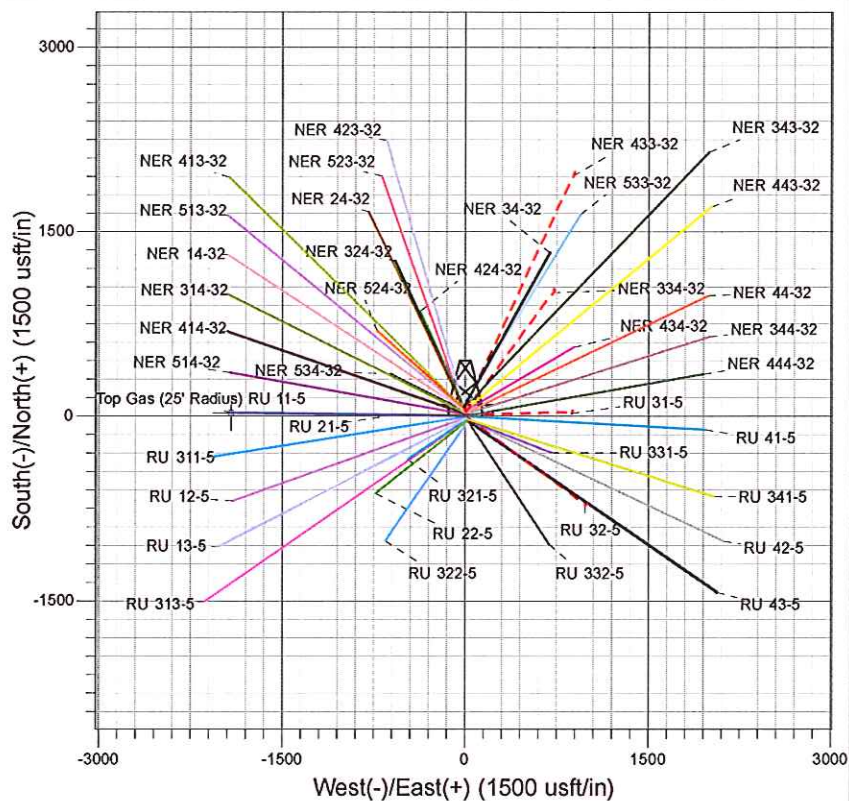
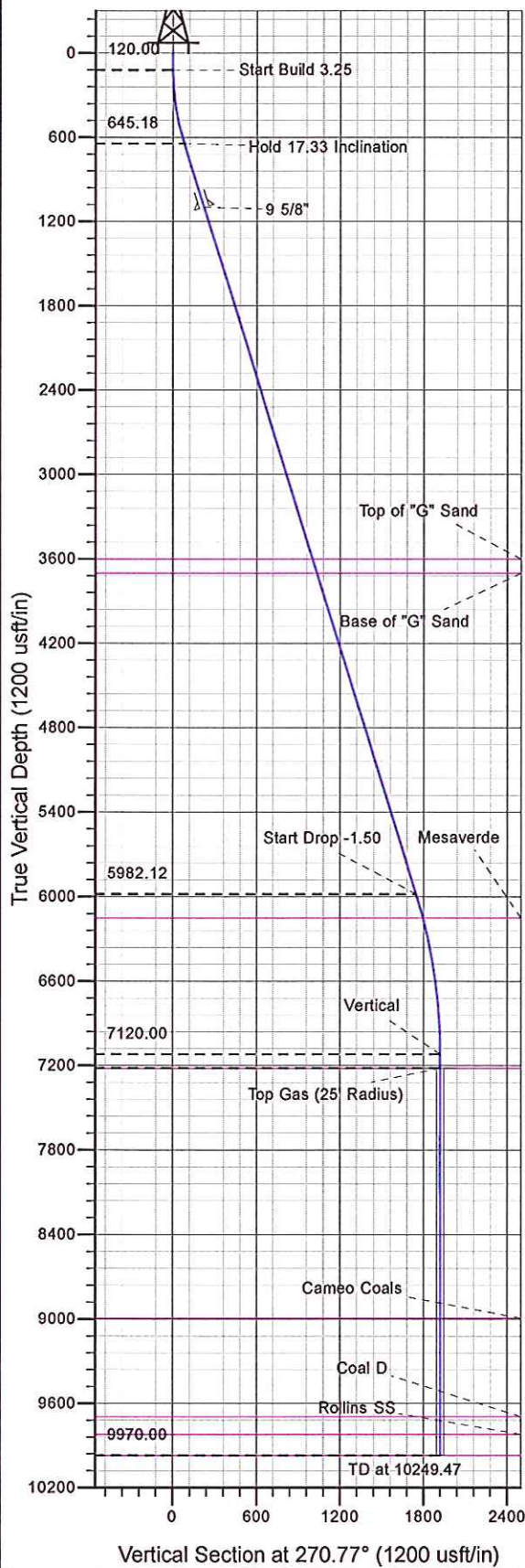




Well Name: RU 11-5
 Surface Location: Single Cellar RU 23-5 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 7602.00
 +N/-S 0.00 +E/-W 0.00 Northing 1606031.60 Easting 2351146.40 Latitude 39.47479 Longitude -107.79882 Slot A14
 KELLY BUSHING @ 7628.00usft



Project: RU 05-07S-093W
 Site: Single Cellar RU 23-5 Pad
 Well: RU 11-5
 Plan #3 22Jun12 kjs



Azimuths to True North
 Magnetic North: 10.58°
 Magnetic Field
 Strength: 52542.8snT
 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 3.25
653.27	17.33	270.77	645.18	1.07	-80.03	80.04	80.04	Hold 17.33 Inclination
6244.05	17.33	270.77	5982.12	23.42	-1745.36	1745.51	1745.51	Start Drop -1.50
7399.47	0.00	0.00	7120.00	25.74	-1918.76	1918.93	1918.93	Vertical
7499.47	0.00	0.00	7220.00	25.74	-1918.76	1918.93	1918.93	Top Gas
10249.47	0.00	0.00	9970.00	25.74	-1918.76	1918.93	1918.93	TD at 10249.47