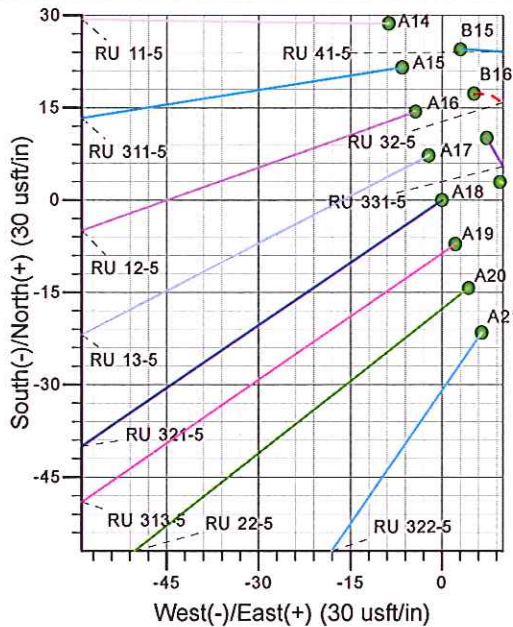
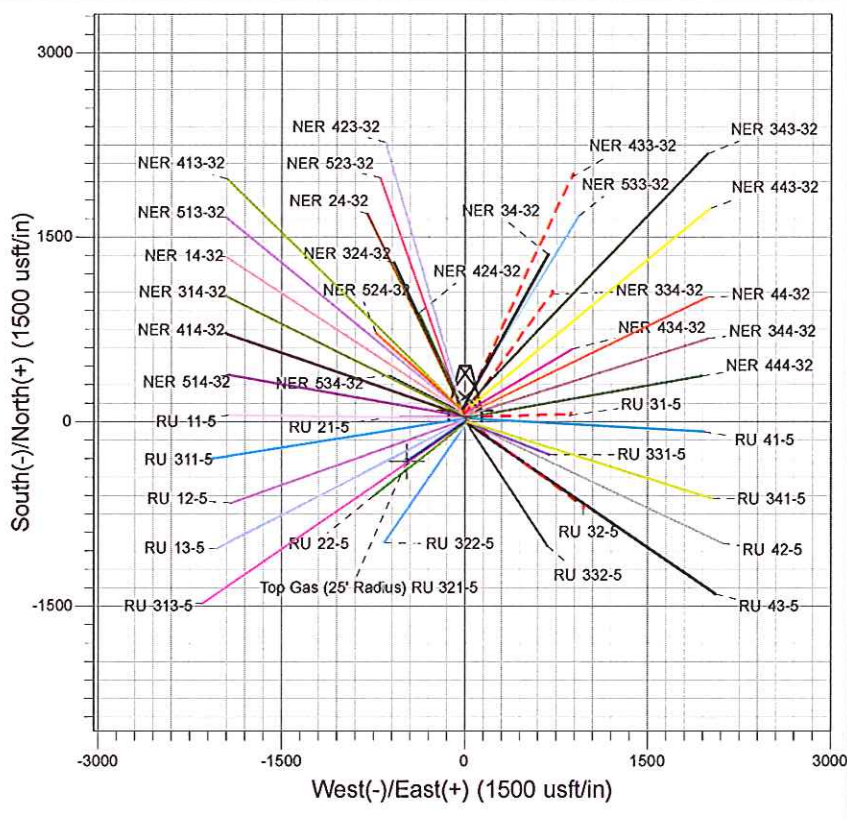
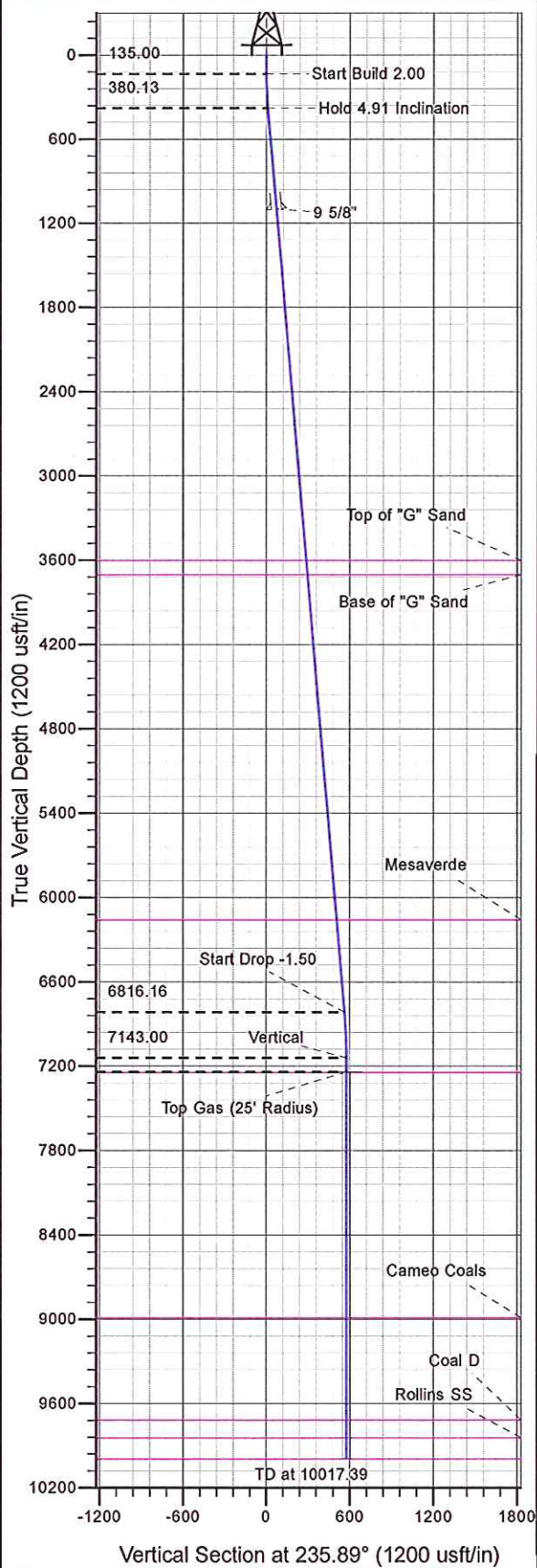




Well Name: RU 321-5
 Surface Location: Single Cellar RU 23-5 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 7602.00
 +N/-S 0.00 +E/-W 0.00 Northing 1606002.70 Easting 2351154.40 Latitude 39.47471 Longitude -107.79879 Slot A18
 KELLY BUSHING @ 7628.00usft



Project: RU 05-07S-093W
 Site: Single Cellar RU 23-5 Pad
 Well: RU 321-5
 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
135.00	0.00	0.00	135.00	0.00	0.00	0.00	0.00	Start Build 2.00
380.43	4.91	235.89	380.13	-5.89	-8.70	10.51	10.51	Hold 4.91 Inclination
6840.15	4.91	235.89	6816.16	-315.88	-466.34	563.25	563.25	Start Drop -1.50
7167.39	0.00	0.00	7143.00	-323.73	-477.94	577.26	577.26	Vertical
7267.39	0.00	0.00	7243.00	-323.73	-477.94	577.26	577.26	Top Gas
10017.39	0.00	0.00	9993.00	-323.73	-477.94	577.26	577.26	TD at 10017.39