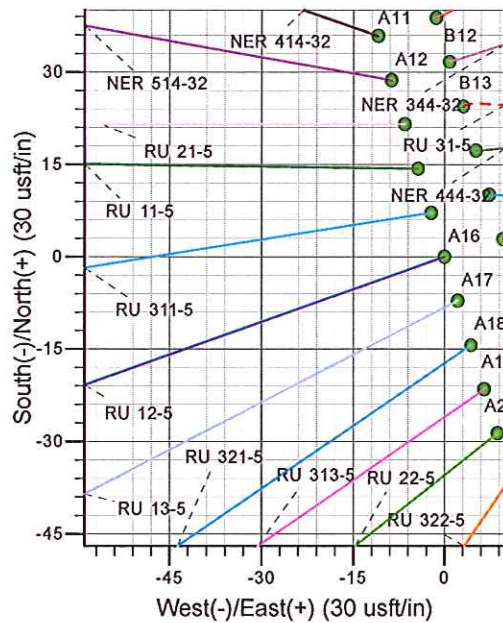
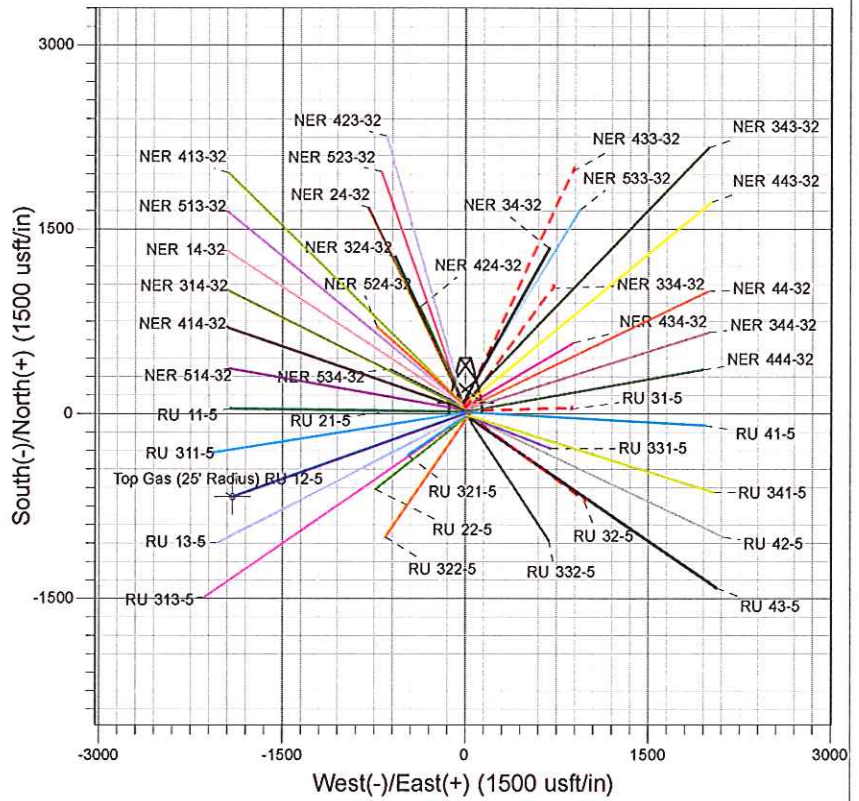
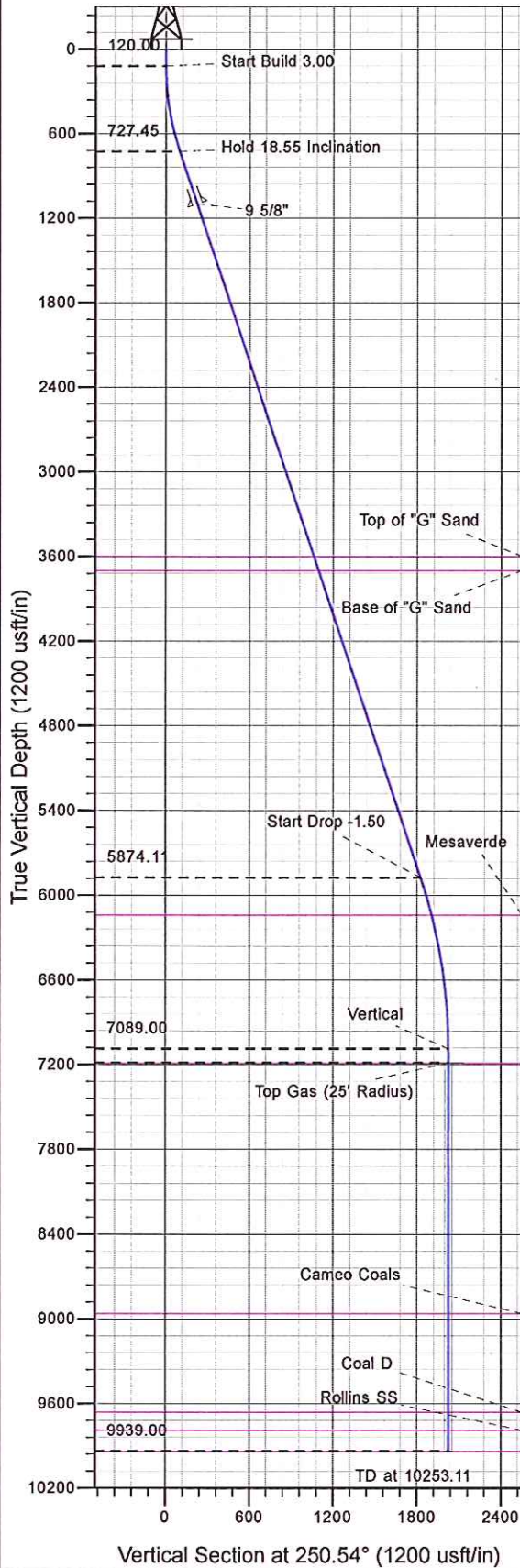




Well Name: RU 12-5  
 Surface Location: Single Cellar RU 23-5 Pad  
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
 Ground Elevation: 7602.00  
 +N/-S 0.00 +E/-W 0.00 Northing 1606017.20 Easting 2351150.40 Latitude 39.47475 Longitude -107.79880 Slot A16  
 KELLY BUSHING @ 7628.00usft



Project: RU 05-07S-093W  
 Site: Single Cellar RU 23-5 Pad  
 Well: RU 12-5  
 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	
738.18	18.55	250.54	727.45	-33.03	-93.51	99.18	99.18	Hold 18.55 Inclination	
6166.74	18.55	250.54	5874.11	-608.14	-1721.52	1825.77	1825.77	Start Drop -1.50	
7403.11	0.00	0.00	7089.00	-674.21	-1908.54	2024.13	2024.13	Vertical	
7503.11	0.00	0.00	7189.00	-674.21	-1908.54	2024.13	2024.13	Top Gas	
10253.11	0.00	0.00	9939.00	-674.21	-1908.54	2024.13	2024.13	TD at 10253.11	