

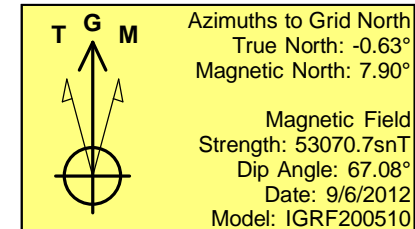
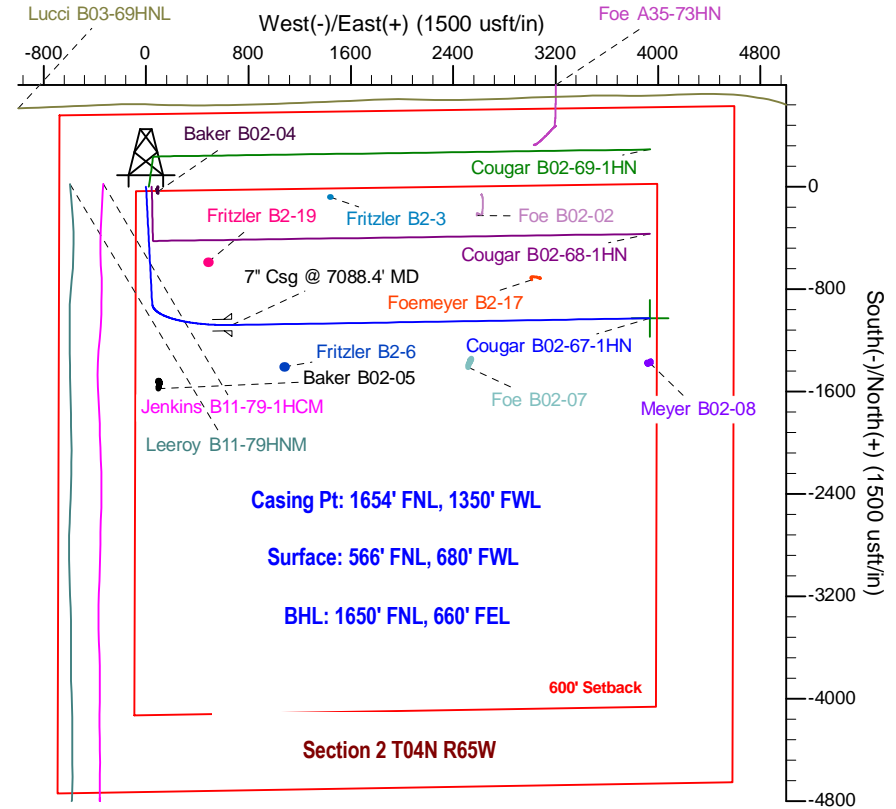
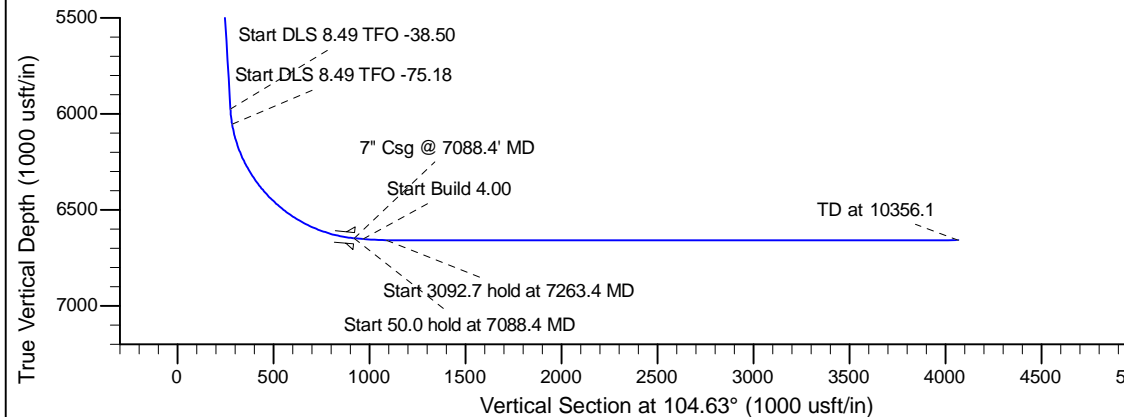
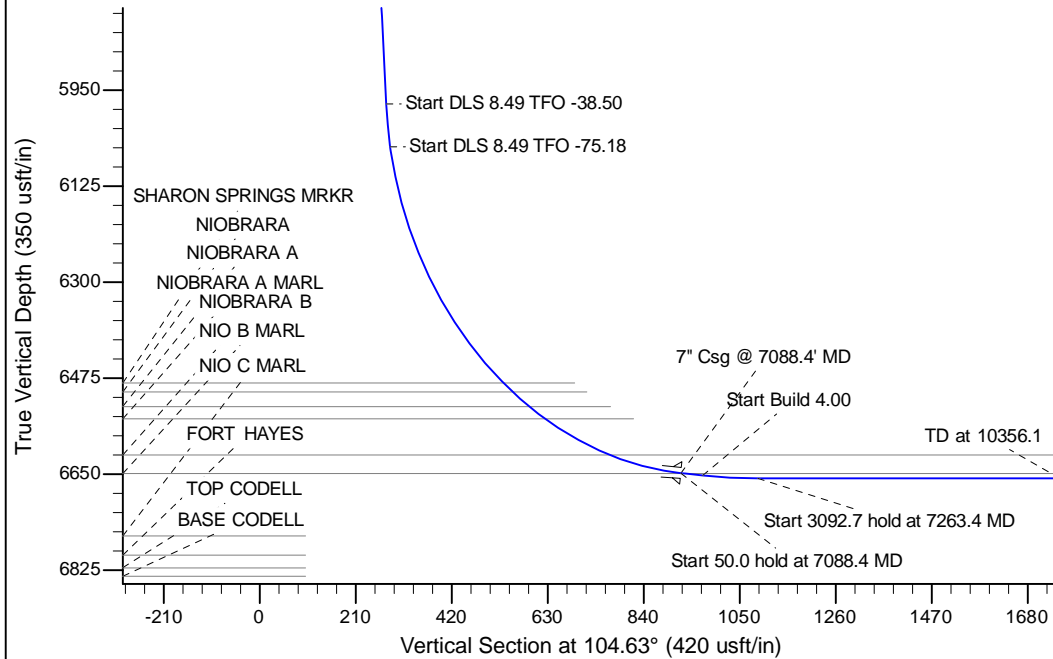
Project: Wattenberg Field  
Site: B (Sec.2-T05N-R64W) Weld County, CO  
Well: Cougar B02-67-1HN  
Wellbore: Original Drilling  
Design: APD - Rev 1

# Northern Region Drilling - Working

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Mean Sea Level

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1550.0	11.00	177.00	1546.6	-52.6	2.8	2.00	177.00	15.9	
4	6061.3	11.00	177.00	5975.0	-912.2	47.8	0.00	0.00	276.6	
5	6142.4	16.94	162.15	6053.7	-931.2	51.8	8.49	-38.50	285.3	
6	7088.4	85.00	89.08	6648.2	-1080.0	670.0	8.49	-75.18	921.0	
7	7138.4	85.00	89.08	6652.6	-1079.2	719.8	0.00	0.00	969.0	
8	7263.4	90.00	89.08	6658.0	-1077.2	844.6	4.00	0.00	1089.3	
9	10356.1	90.00	89.08	6658.0	-1027.5	3936.9	0.00	0.00	4068.8	Cougar B02-67-1HN BHL 1650'FNL, 660'FEL



WELL DETAILS: Cougar B02-67-1HN				
Ground Level: 4641.0				
0.0	0.0	Northing	Easting	Latitude
		1402466.08	3271583.81	40.434070
				Longitude
				-104.524360
Plan: APD - Rev 1 (Cougar B02-67-1HN/Original Drilling)				
Created By: Shailey Jewell		Date: 15:17, November 18 2013		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		