

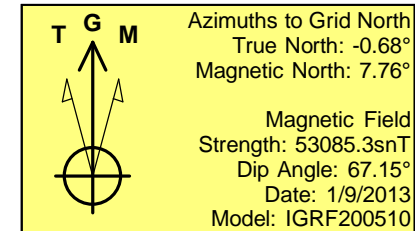
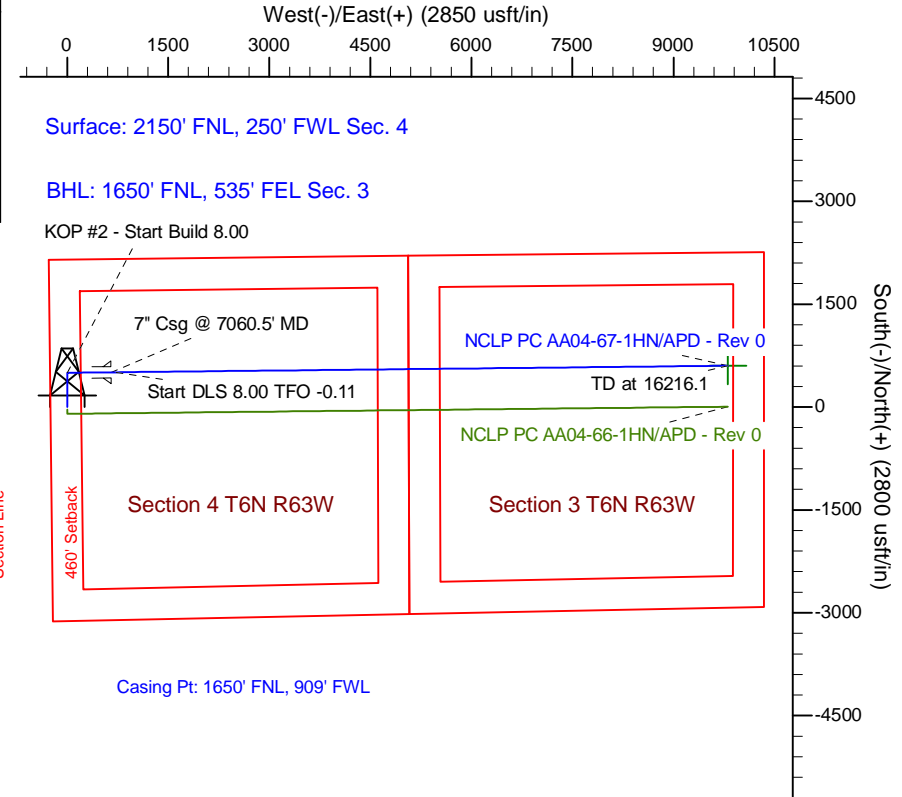
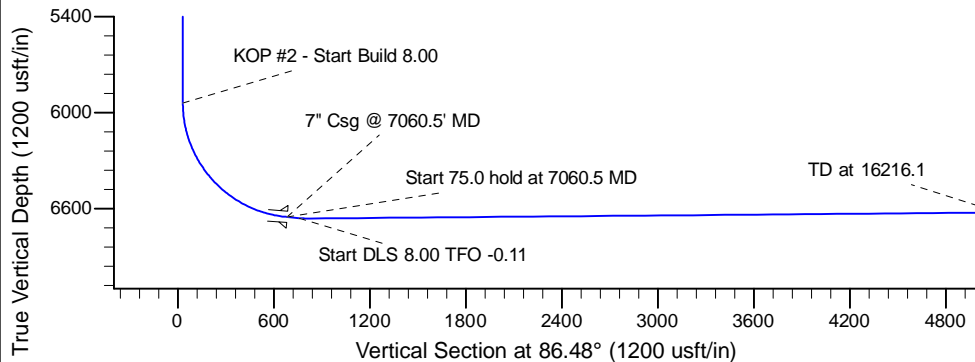
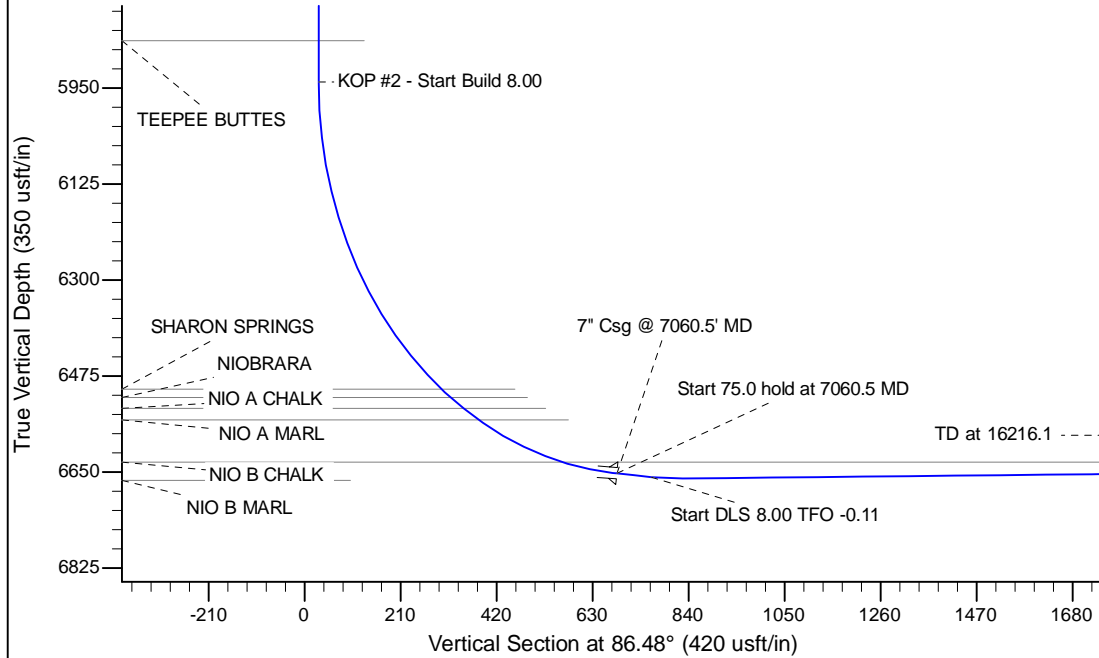
Project: Wattenberg Field  
Site: AA (Sec.4-T06N-R63W) Weld County, CO  
Well: NCLP PC AA04-67-1HN  
Wellbore: Original Drilling  
Design: APD - Rev 0

# Northern Region Drilling

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	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2099.8	14.99	0.00	2092.9	78.0	0.0	2.50	0.00	4.8	
4	3429.1	14.99	0.00	3377.1	422.0	0.0	0.00	0.00	25.9	
5	4028.9	0.00	0.00	3970.0	500.0	0.0	2.50	180.00	30.7	
6	5998.0	0.00	0.00	5939.1	500.0	0.0	0.00	0.00	30.7	
7	7060.5	85.00	89.41	6652.6	506.7	653.7	8.00	89.41	683.6	
8	7135.5	85.00	89.41	6659.1	507.5	728.5	0.00	0.00	758.2	
9	7204.2	90.50	89.40	6661.8	508.2	797.1	8.00	-0.11	826.8	
10	16216.1	90.50	89.40	6583.2	602.6	9808.1	0.00	0.00	9826.6	NCLP PC AA04-67-1HN BHL 1650'FNL, 535'FEL



WELL DETAILS: NCLP PC AA04-67-1HN			
Ground Level:	4710.0	Latitude	40.517100
Northing	1432947.43	Easting	3291834.95
		Longitude	-104.450320
Plan: APD - Rev 0 (NCLP PC AA04-67-1HN/Original Drilling)			
Created By: Carrie Willers	Date: 18:49, January 09 2013		
Checked: _____	Date: _____		
Reviewed: _____	Date: _____		
Approved: _____	Date: _____		