

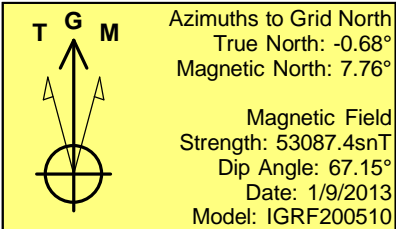
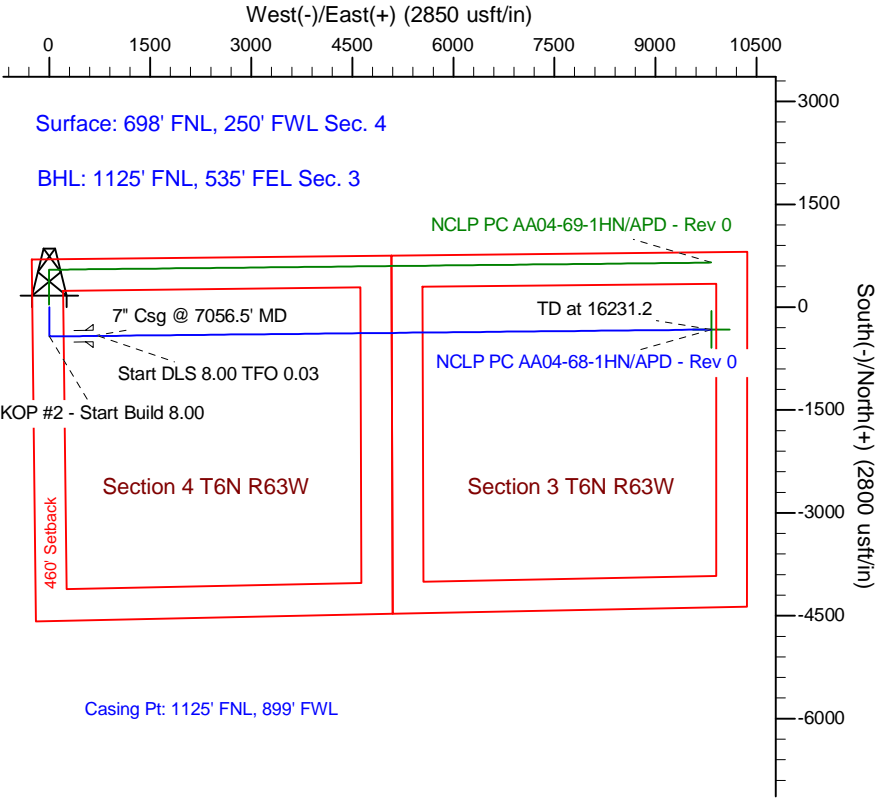
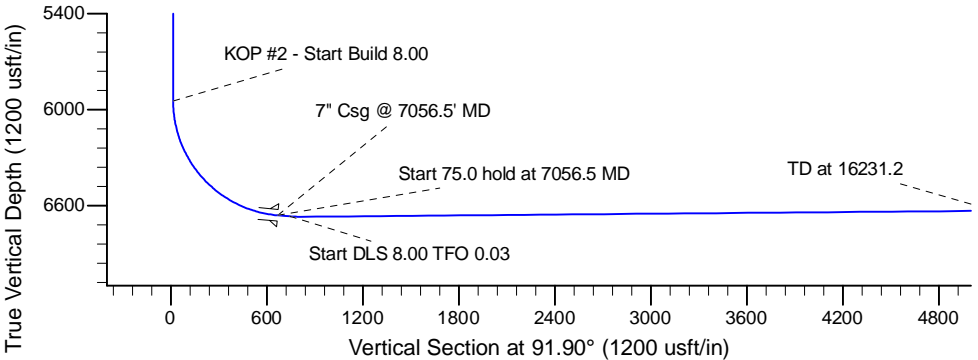
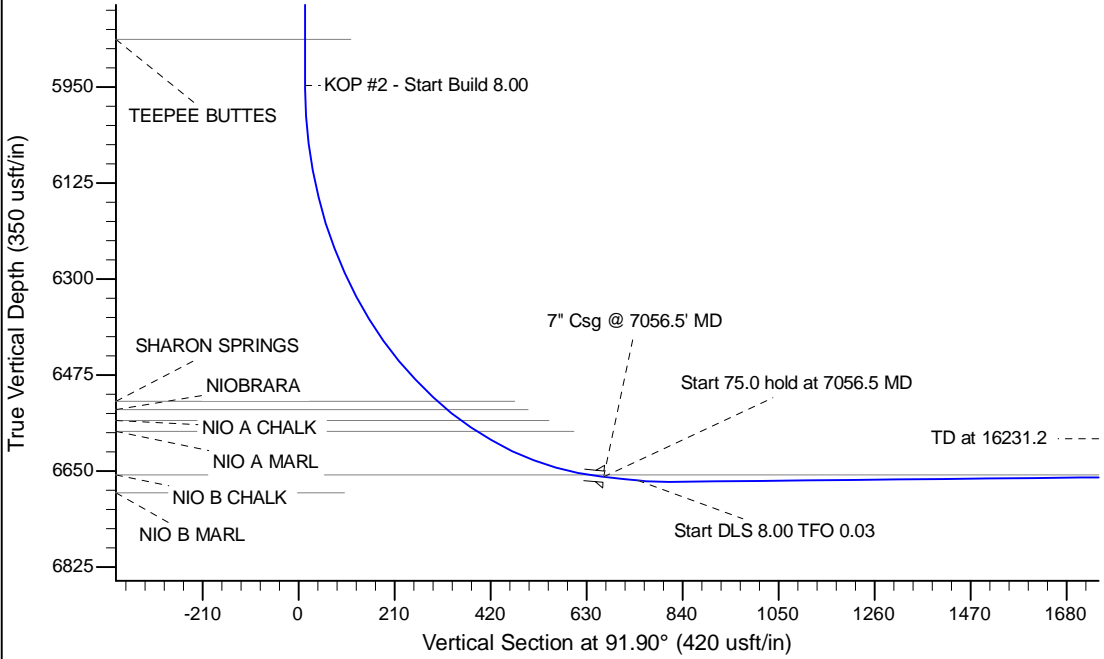
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: NCLP PC AA04-68-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2360.2	14.00	180.00	2354.6	-68.1	0.0	2.50	180.00	2.3	
4	3561.6	14.00	180.00	3520.4	-358.9	0.0	0.00	0.00	11.9	
5	4121.8	0.00	0.00	4075.0	-427.0	0.0	2.50	180.00	14.2	
6	5994.0	0.00	0.00	5947.2	-427.0	0.0	0.00	0.00	14.2	
7	7056.5	85.00	89.41	6660.6	-420.3	653.7	8.00	89.41	667.3	
8	7131.5	85.00	89.41	6667.2	-419.5	728.5	0.00	0.00	742.0	
9	7200.2	90.50	89.41	6669.9	-418.8	797.1	8.00	0.03	810.6	
10	16231.2	90.50	89.41	6591.2	-326.2	9827.2	0.00	0.00	9832.6	NCLP PC AA04-68-1HN BHL 1125'FNL, 535'FEL



WELL DETAILS: NCLP PC AA04-68-1HN		
Ground Level: 4711.0	Latitude: 40.521090	Longitude: -104.450320
Northing: 1434400.91	Easting: 3291817.75	
Plan: APD - Rev 0 (NCLP PC AA04-68-1HN/Original Drilling)		
Created By: Carrie Willers	Date: 17:24, January 10 2013	
Checked: _____	Date: _____	
Reviewed: _____	Date: _____	
Approved: _____	Date: _____	