

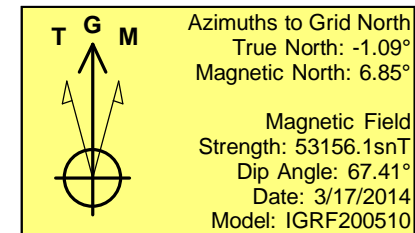
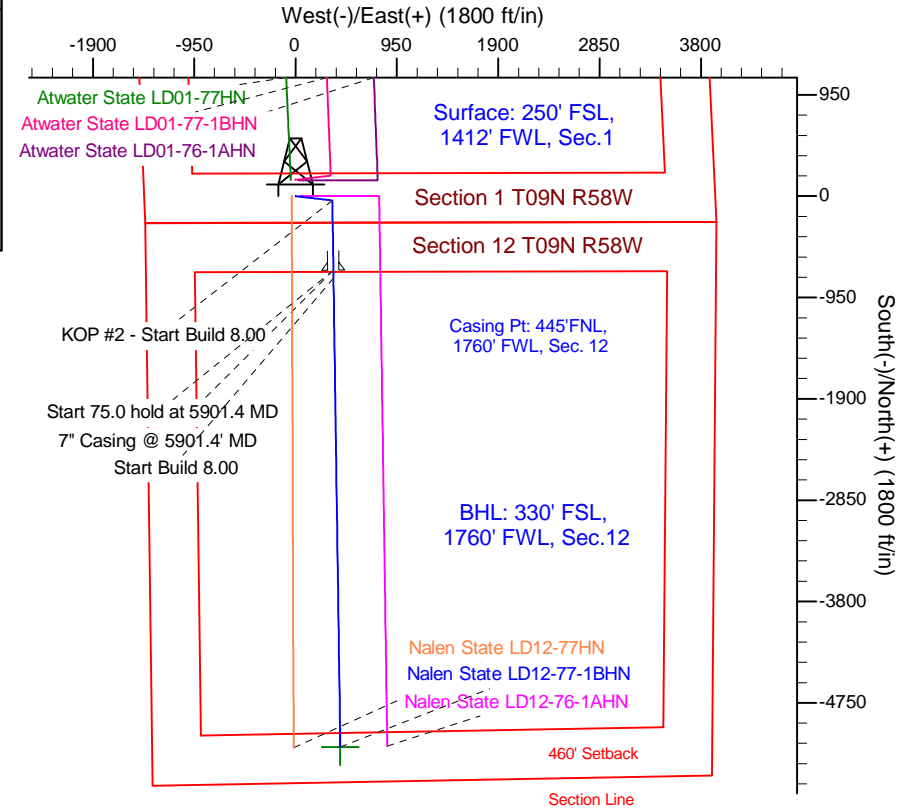
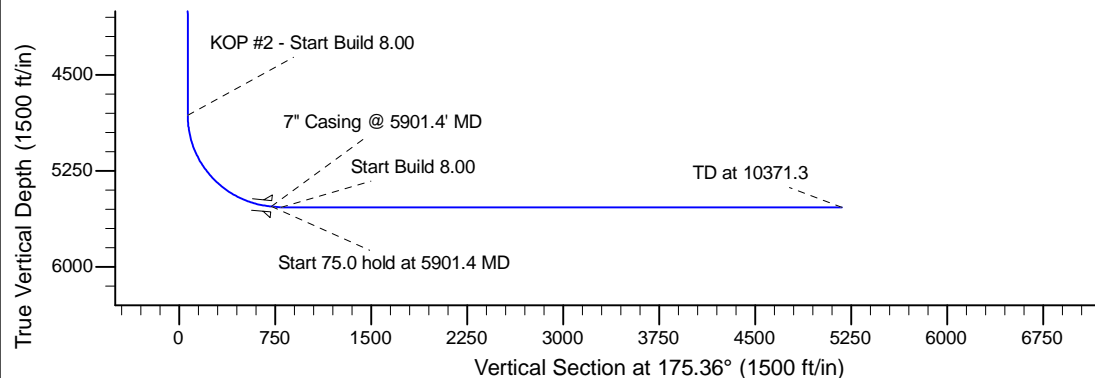
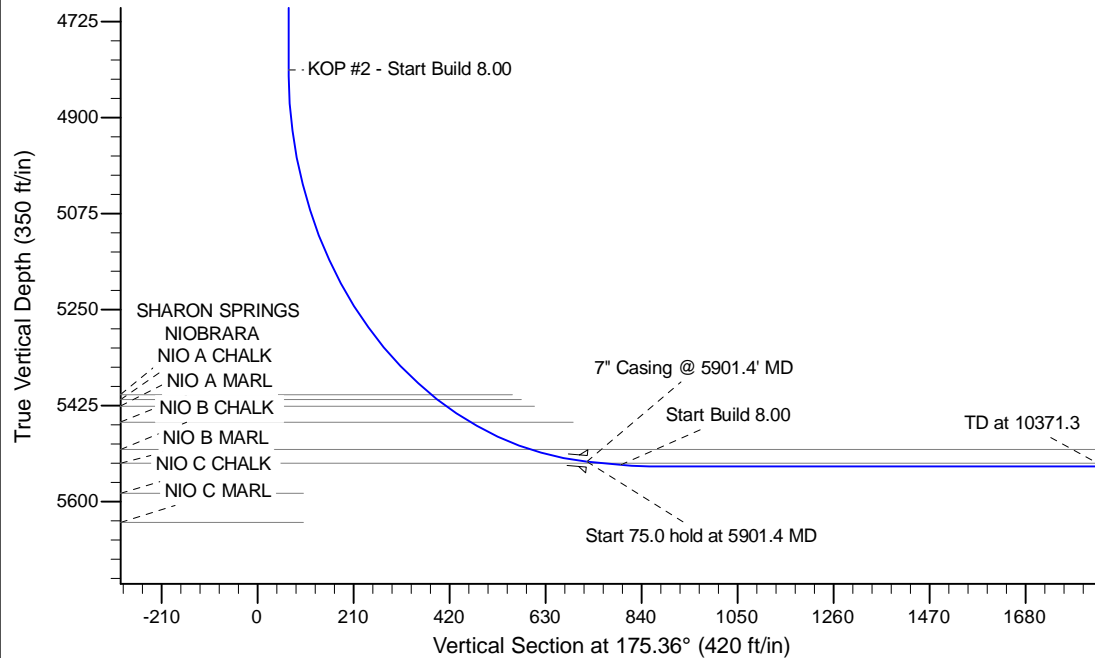
Project: Wattenberg Field
Site: LD (Sec.1-T09N-R58W) Weld County, CO
Well: Nalen State LD12-77-1BHN
Wellbore: Original Drilling
Design: APD - Rev 1

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	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	1952.2	9.04	96.61	1950.4	-4.1	35.4	2.00	96.61	7.0	
4	3708.4	9.04	96.61	3684.6	-35.9	309.6	0.00	0.00	60.9	
5	4160.6	0.00	0.00	4135.0	-40.0	345.0	2.00	180.00	67.8	
6	4838.9	0.00	0.00	4813.3	-40.0	345.0	0.00	0.00	67.8	
7	5901.4	85.00	179.17	5526.7	-693.7	354.5	8.00	179.17	720.1	
8	5976.4	85.00	179.17	5533.3	-768.4	355.6	0.00	0.00	794.7	
9	6038.9	90.00	179.17	5536.0	-830.8	356.5	8.00	0.00	857.0	
10	10371.3	90.00	179.17	5536.0	-5162.9	419.4	0.00	0.00	5179.9	Nalen State LD12-77-1BHN BHL 330'FSL, 1760'FWL



WELL DETAILS: Nalen State LD12-77-1BHN

		Ground Level: 4647.0	
		Northing	Easting
0.0	0.0	1529232.57	3466246.45
		Latitude	Longitude
		40.773980	-103.816540

Plan: APD - Rev 1 (Nalen State LD12-77-1BHN/Original Drilling)

Created By: Shailey Jewell Date: 14:02, August 11 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____