

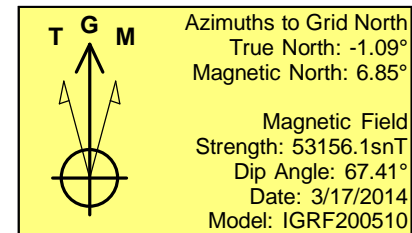
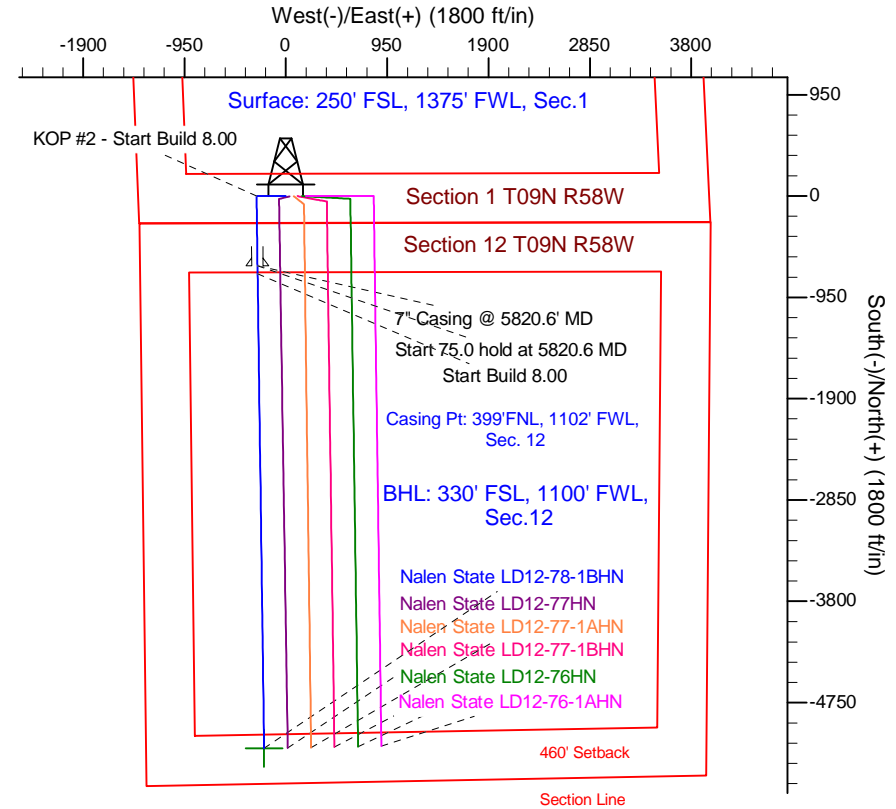
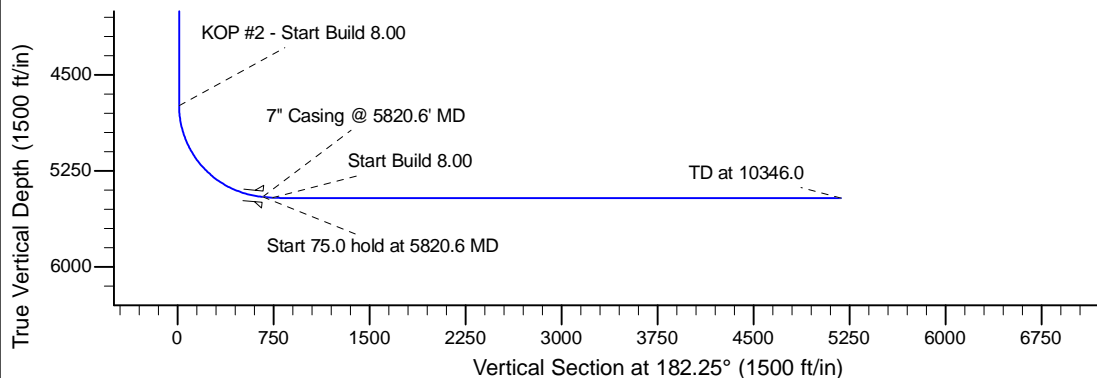
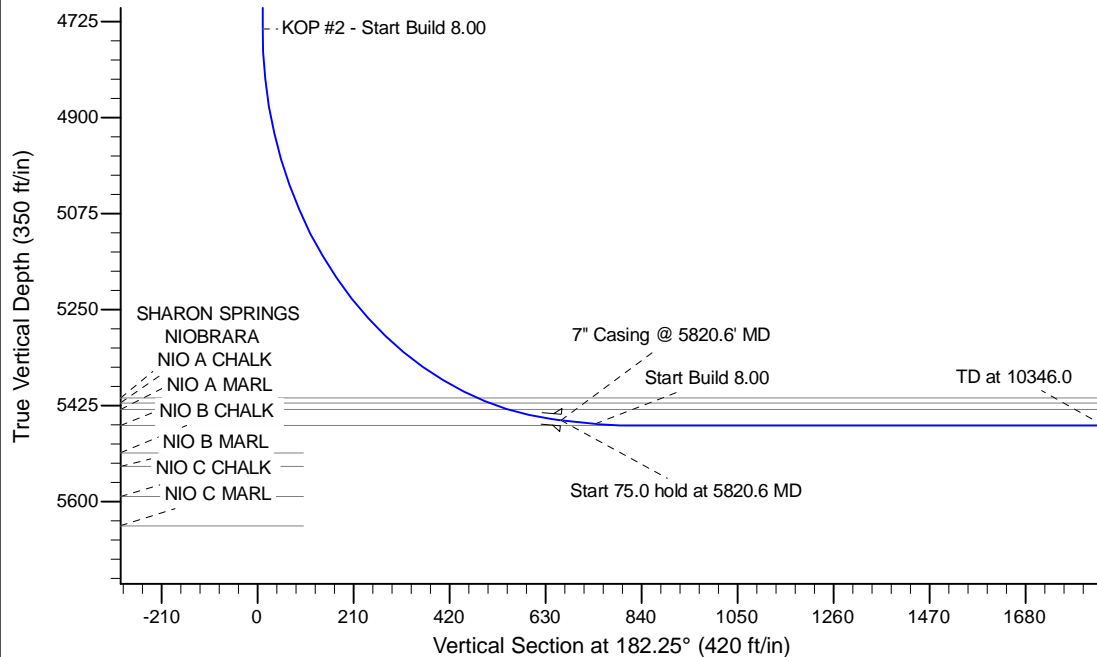
Project: Wattenberg Field
Site: LD (Sec.1-T09N-R58W) Weld County, CO
Well: Nalen State LD12-78-1BHN
Wellbore: Original Drilling
Design: APD - Rev 0

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	1950.8	9.02	270.00	1948.9	0.0	-35.4	2.00	270.00	1.4	
4	3254.1	9.02	270.00	3236.1	0.0	-239.6	0.00	0.00	9.4	
5	3704.8	0.00	0.00	3685.0	0.0	-275.0	2.00	180.00	10.8	
6	4758.1	0.00	0.00	4738.3	0.0	-275.0	0.00	0.00	10.8	
7	5820.6	85.00	179.21	5451.7	-653.7	-266.0	8.00	179.21	663.7	
8	5895.6	85.00	179.21	5458.3	-728.4	-265.0	0.00	0.00	738.3	
9	5958.1	90.00	179.21	5461.0	-790.8	-264.1	8.00	0.00	800.6	
10	10346.0	90.00	179.21	5461.0	-5178.3	-203.7	0.00	0.00	5182.4	Nalen State LD12-78-1BHN BHL 330'FSL, 1100'FWL



WELL DETAILS: Nalen State LD12-78-1BHN

Ground Level: 4647.0			
0.0	0.0	Northing	Eastng
1529235.54	3466210.38	Latitude	Longitude
40.773990	-103.816670		

Plan: APD - Rev 0 (Nalen State LD12-78-1BHN/Original Drilling)

Created By: Shailey Jewell Date: 10:42, March 18 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____