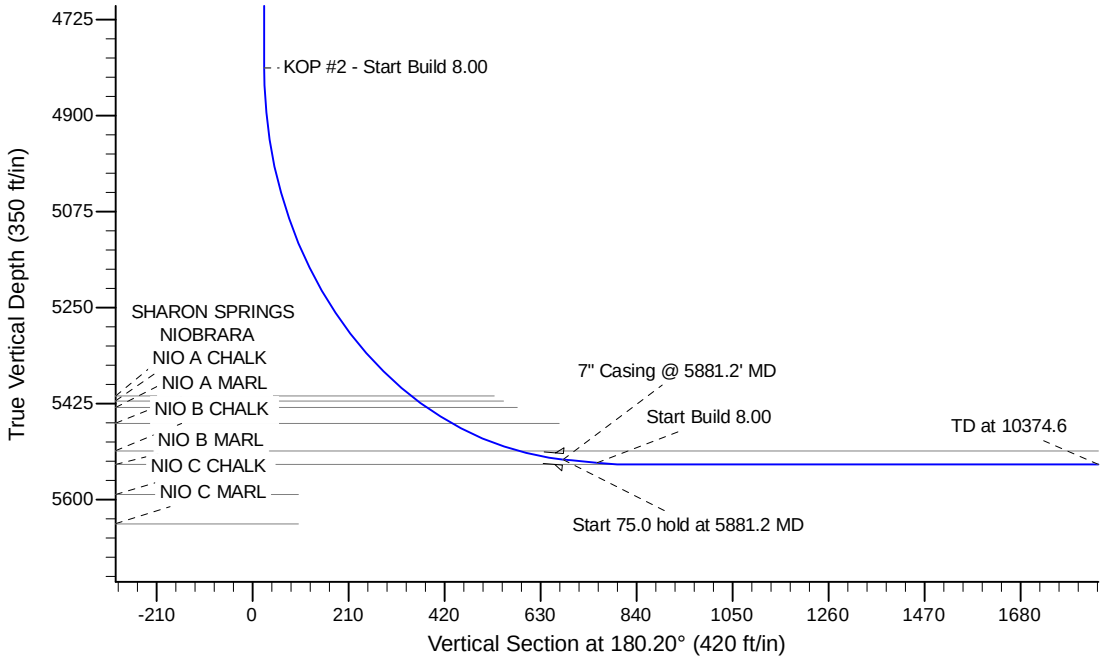
Project: Wattenberg Field
Site: LD (Sec.1-T09N-R58W) Weld County, CO
Well: Nalen State LD12-77HN
Wellbore: Original Drilling
Design: APD - Rev 0

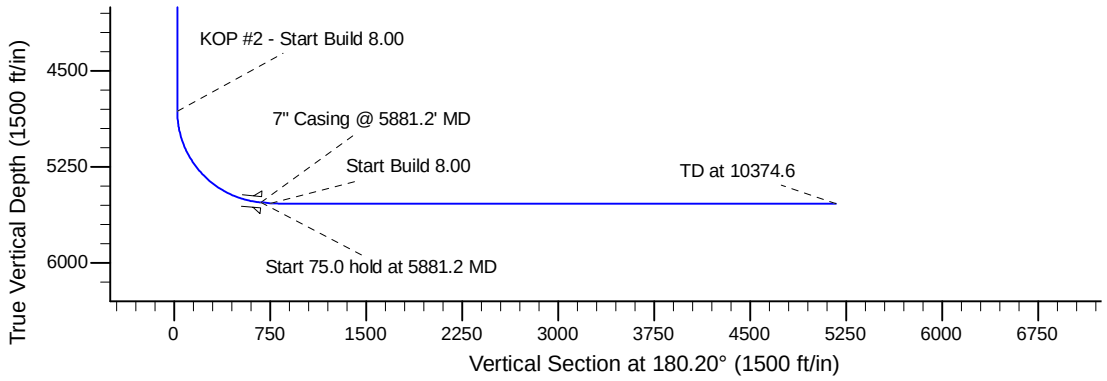
Northern Region Drilling - Working

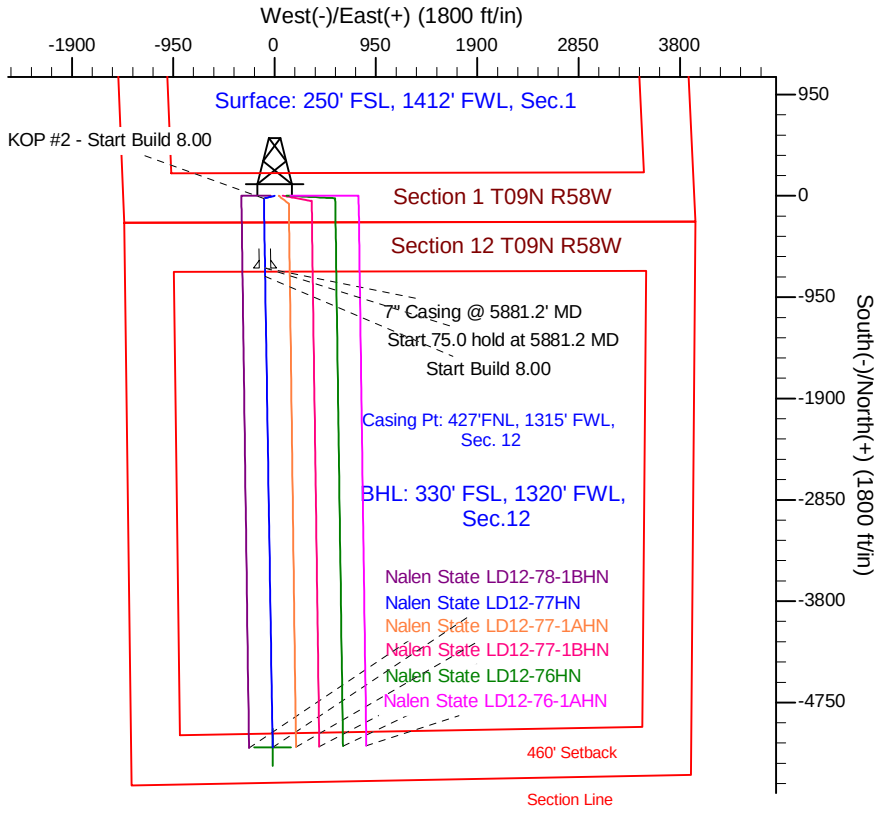
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

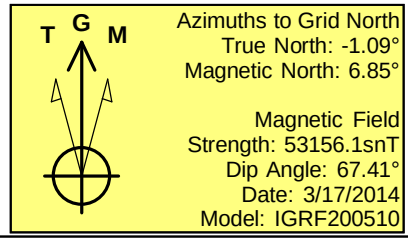
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	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	2150.0	7.00	255.96	2149.1	-5.2	-20.7	2.00	255.96	5.3	
4	2645.5	7.00	255.96	2640.9	-19.8	-79.3	0.00	0.00	20.1	
5	2995.4	0.00	0.00	2990.0	-25.0	-100.0	2.00	180.00	25.4	
6	4818.7	0.00	0.00	4813.3	-25.0	-100.0	0.00	0.00	25.4	
7	5881.2	85.00	179.09	5526.7	-678.7	-89.6	8.00	179.09	679.0	
8	5956.2	85.00	179.09	5533.3	-753.4	-88.4	0.00	0.00	753.7	
9	6018.7	90.00	179.09	5536.0	-815.8	-87.4	8.00	0.00	816.1	
10	10374.6	90.00	179.09	5536.0	-5171.2	-18.2	0.00	0.00	5171.2	Nalen State LD12-77HN BHL 330'FSL, 1320'FWL









WELL DETAILS: Nalen State LD12-77HN

Ground Level: 4647.0

		Northing	Easting	Latitude	Longitude
0.0	0.0	1529232.58	3466246.45	40.773980	-103.816540

Plan: APD - Rev 0 (Nalen State LD12-77HN/Original Drilling)

Created By: Shailey Jewell Date: 10:32, March 18 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____