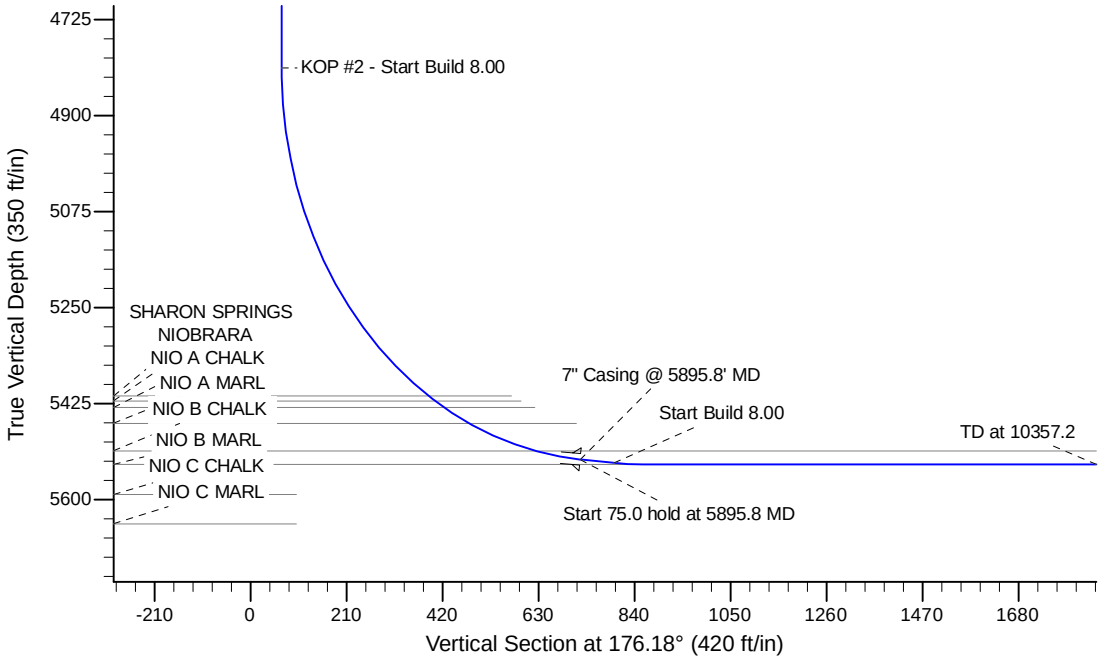
Project: Wattenberg Field
Site: LD (Sec.1-T09N-R58W) Weld County, CO
Well: Nalen State LD12-77-1BHN
Wellbore: Original Drilling
Design: APD - Rev 0

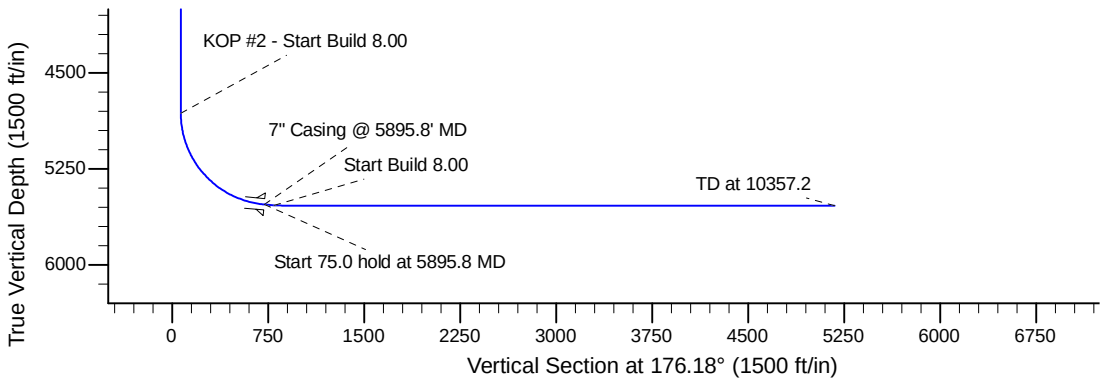
Northern Region Drilling - Working

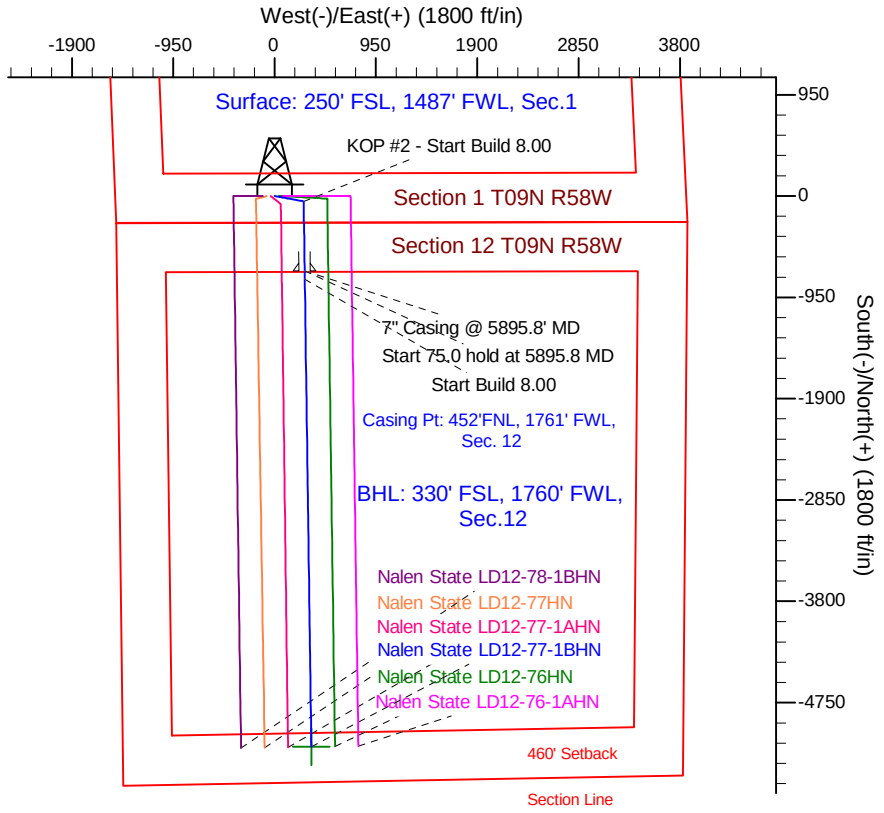
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	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	2251.1	9.02	100.38	2249.2	-6.4	34.9	2.00	100.38	8.7	
4	3568.9	9.02	100.38	3550.8	-43.6	238.1	0.00	0.00	59.4	
5	4020.0	0.00	0.00	4000.0	-50.0	273.0	2.00	180.00	68.1	
6	4833.3	0.00	0.00	4813.3	-50.0	273.0	0.00	0.00	68.1	
7	5895.8	85.00	179.20	5526.7	-703.7	282.2	8.00	179.20	720.9	
8	5970.8	85.00	179.20	5533.3	-778.4	283.2	0.00	0.00	795.6	
9	6033.3	90.00	179.20	5536.0	-840.8	284.1	8.00	0.00	857.9	
10	10357.2	90.00	179.20	5536.0	-5164.3	344.7	0.00	0.00	5175.8	Nalen State LD12-77-1BHN BHL 330'FSL, 1760'FWL







T G M

Azimuths to Grid North
True North: -1.09°
Magnetic North: 6.85°

Magnetic Field
Strength: 53156.1snT
Dip Angle: 67.41°
Date: 3/17/2014
Model: IGRF200510

WELL DETAILS: Nalen State LD12-77-1BHN

Ground Level: 4647.0

		Northing	Easting	Latitude	Longitude
0.0	0.0	1529234.00	3466321.22	40.773980	-103.816270

Plan: APD - Rev 0 (Nalen State LD12-77-1BHN/Original Drilling)

Created By: Shailey Jewell Date: 10:23, March 18 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____