

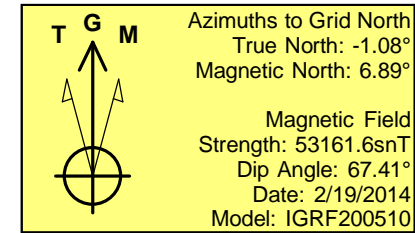
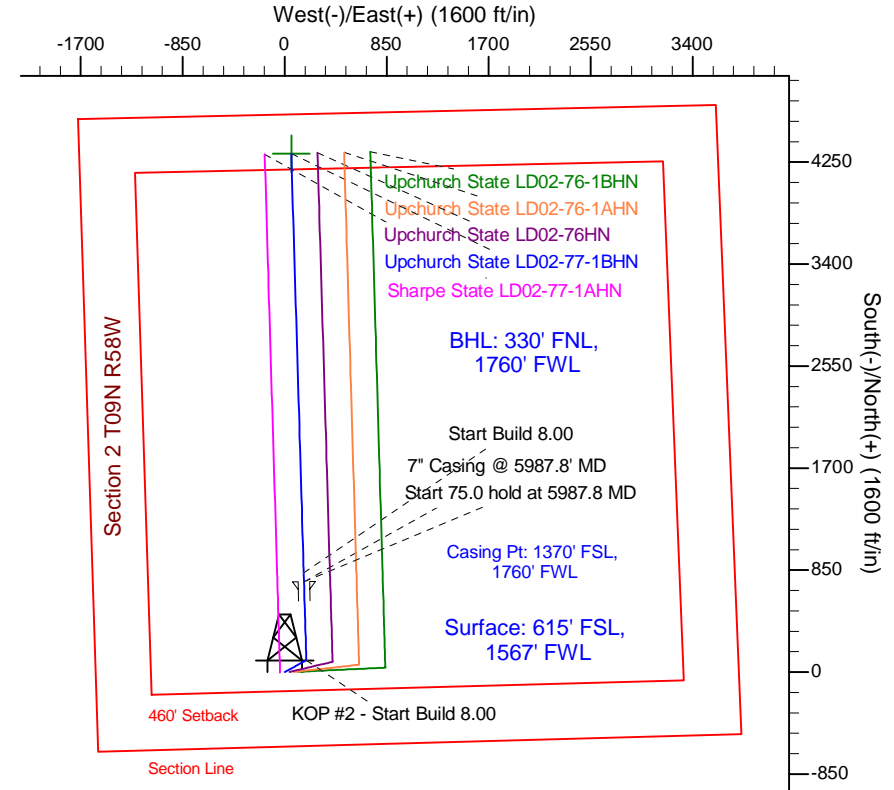
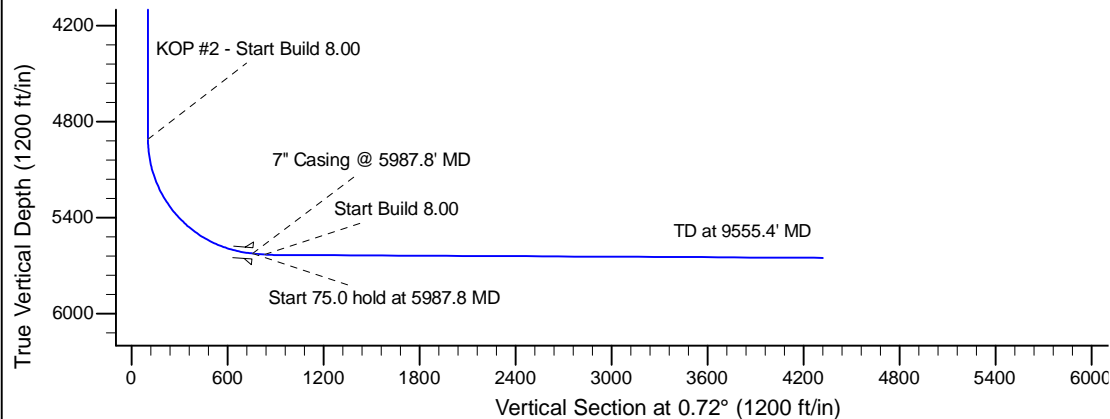
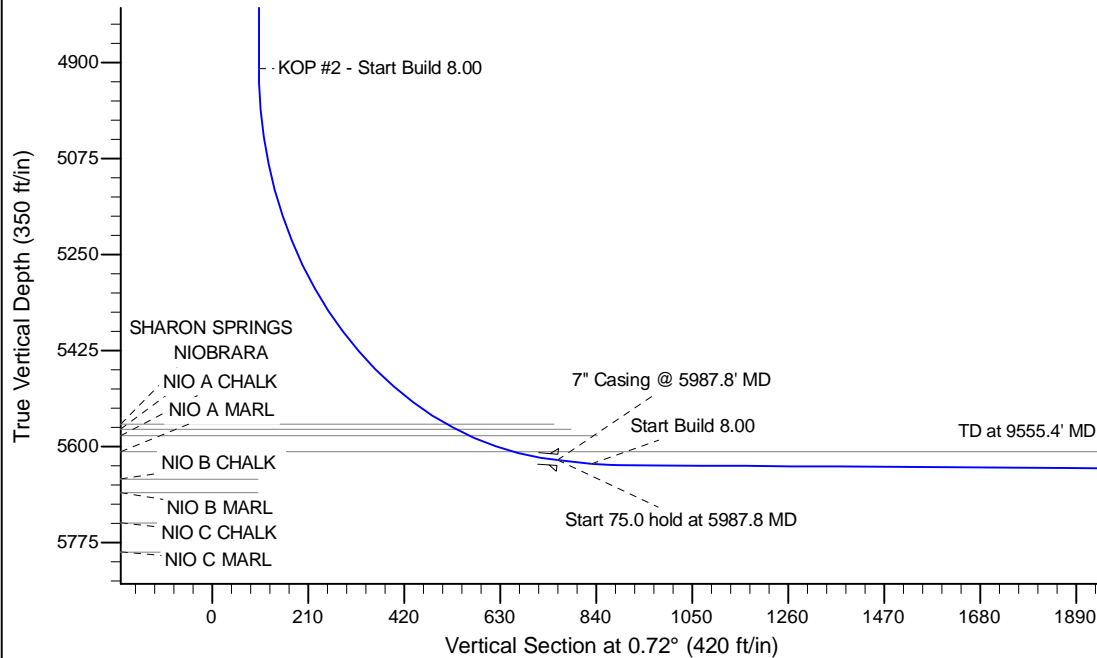
Project: Wattenberg Field
Site: LD (Sec.2-T09N-R58W) Weld County, CO
Well: Upchurch State LD02-77-1BHN
Wellbore: Original Drilling
Design: APD - Rev 1

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2250.5	9.01	60.95	2248.7	17.2	30.9	2.00	60.95	17.6	
4	3113.8	9.01	60.95	3101.3	82.8	149.1	0.00	0.00	84.7	
5	3564.4	0.00	0.00	3550.0	100.0	180.0	2.00	180.00	102.3	
6	4925.3	0.00	0.00	4910.9	100.0	180.0	0.00	0.00	102.3	
7	5987.8	85.00	358.30	5624.4	753.5	160.6	8.00	358.30	755.5	
8	6062.8	85.00	358.30	5630.9	828.2	158.4	0.00	0.00	830.1	
9	6121.5	89.70	358.30	5633.6	886.8	156.6	8.00	0.00	888.7	
0	9555.4	89.70	358.30	5651.6	4319.2	54.6	0.00	0.00	4319.5	Upchurch State LD02-77-1BHN BHL 330'FNL, 1760'FWL



WELL DETAILS: Upchurch State LD02-77-1BHN

Ground Level: 4742.0			
0.0	0.0	Northing	Easting
1529498.50	3461030.66	Latitude	Longitude
40.774980	-103.835350		

Plan: APD - Rev 1 (Upchurch State LD02-77-1BHN/Original Drilling)

Created By: Shailey Jewell Date: 10:53, February 26 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____