

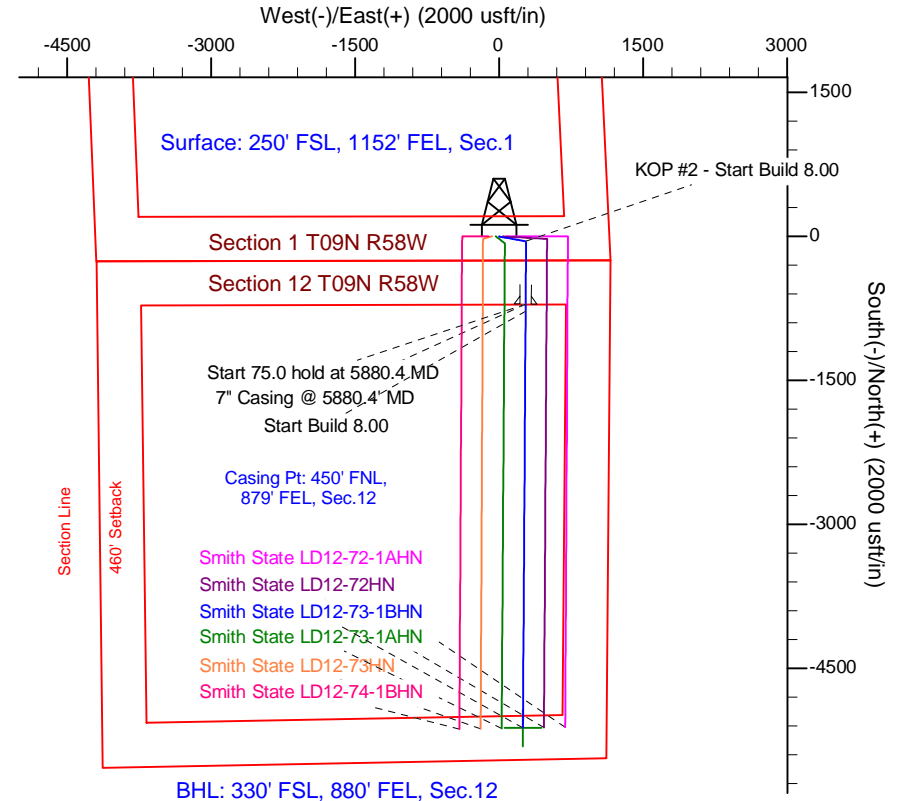
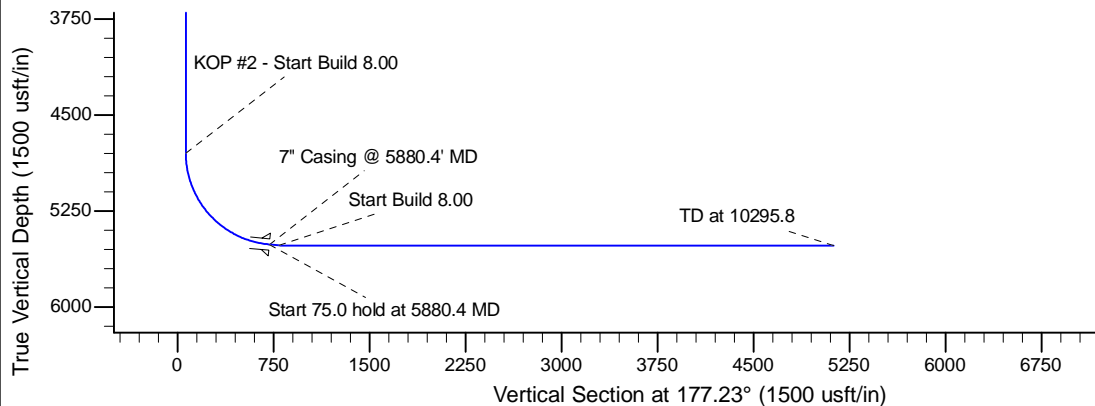
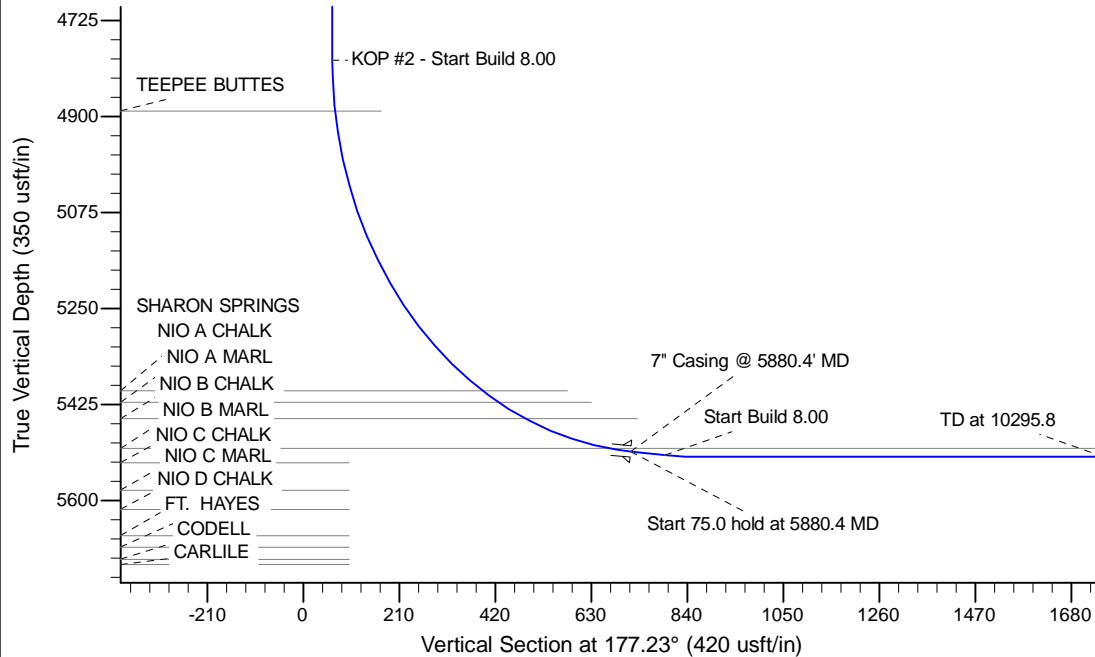
Project: Wattenberg Field
 Site: LD (Sec.1-T09N-R58W) Weld County, CO
 Well: Smith State LD12-73-1BHN
 Wellbore: Original Drilling
 Design: APD - Rev 0

Northern Region Drilling - Working

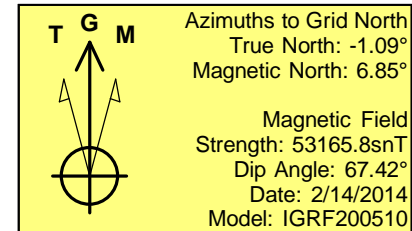
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

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	1952.2	9.04	100.12	1950.3	-6.3	35.1	2.00	100.12	7.9	
4	3308.4	9.04	100.12	3289.7	-43.7	244.9	0.00	0.00	55.5	
5	3760.6	0.00	0.00	3740.0	-50.0	280.0	2.00	180.00	63.5	
6	4817.9	0.00	0.00	4797.3	-50.0	280.0	0.00	0.00	63.5	
7	5880.4	85.00	180.37	5510.7	-703.8	275.8	8.00	180.37	716.3	
8	5955.4	85.00	180.37	5517.3	-778.5	275.3	0.00	0.00	790.9	
9	6017.9	90.00	180.37	5520.0	-840.9	274.9	8.00	0.00	853.2	
10	10295.8	90.00	180.37	5520.0	-5118.7	247.4	0.00	0.00	5124.7	Smith State LD12-73-1BHN BHL 330'FSL, 880'FEL



BHL: 330' FSL, 880' FEL, Sec.12



WELL DETAILS: Smith State LD12-73-1BHN

		Ground Level: 4654.0			
0.0	0.0	Northing	Easting	Latitude	Longitude
		1529238.27	3469033.21	40.773850	-103.806480

Plan: APD - Rev 0 (Smith State LD12-73-1BHN/Original Drilling)

Created By: Shailey Jewell Date: 11:26, February 14 2014

OK to submit with 2A as per Noble Drilling
2/14/2014 1:20