

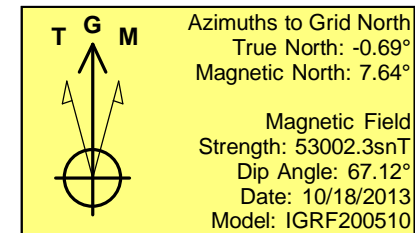
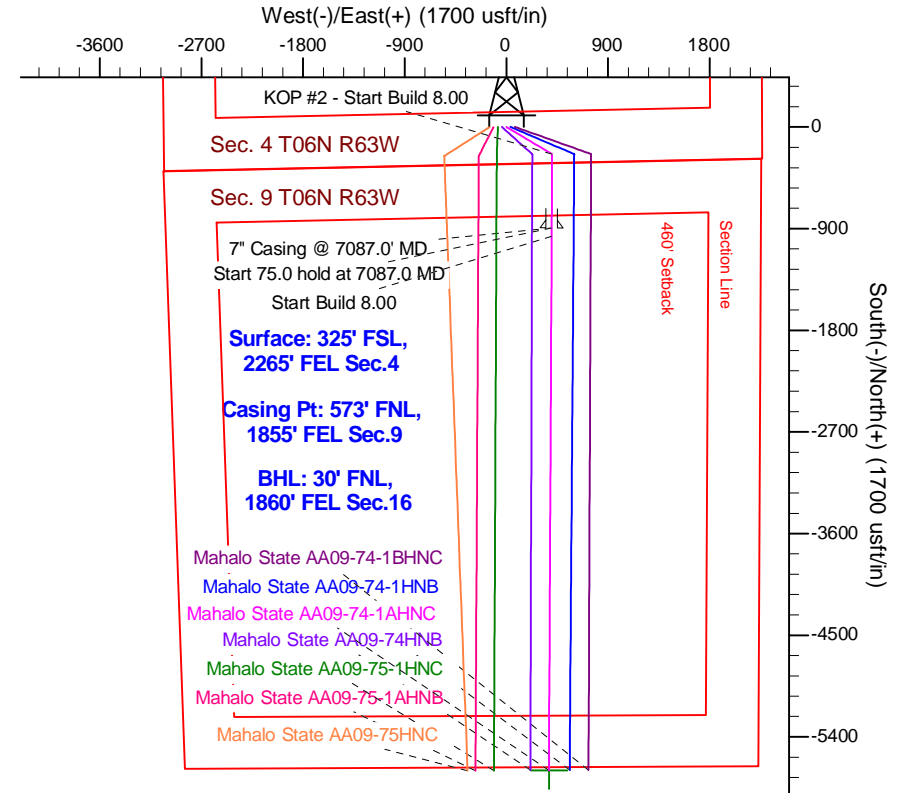
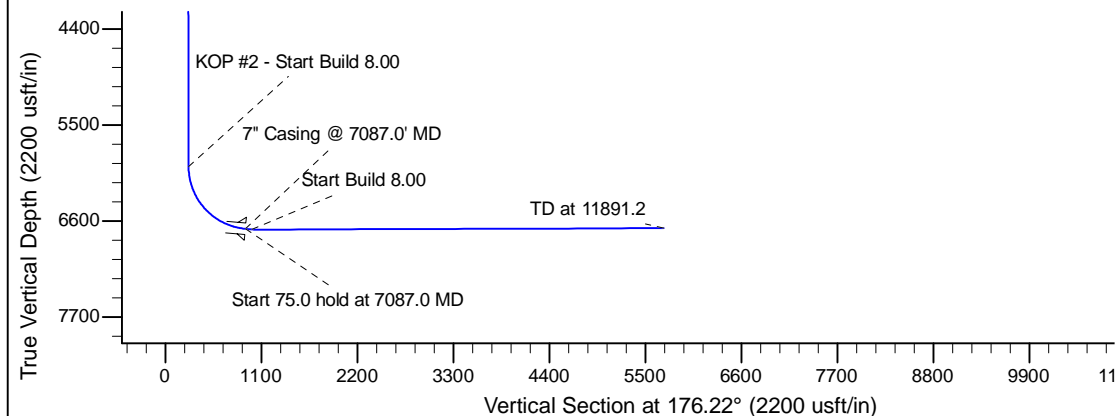
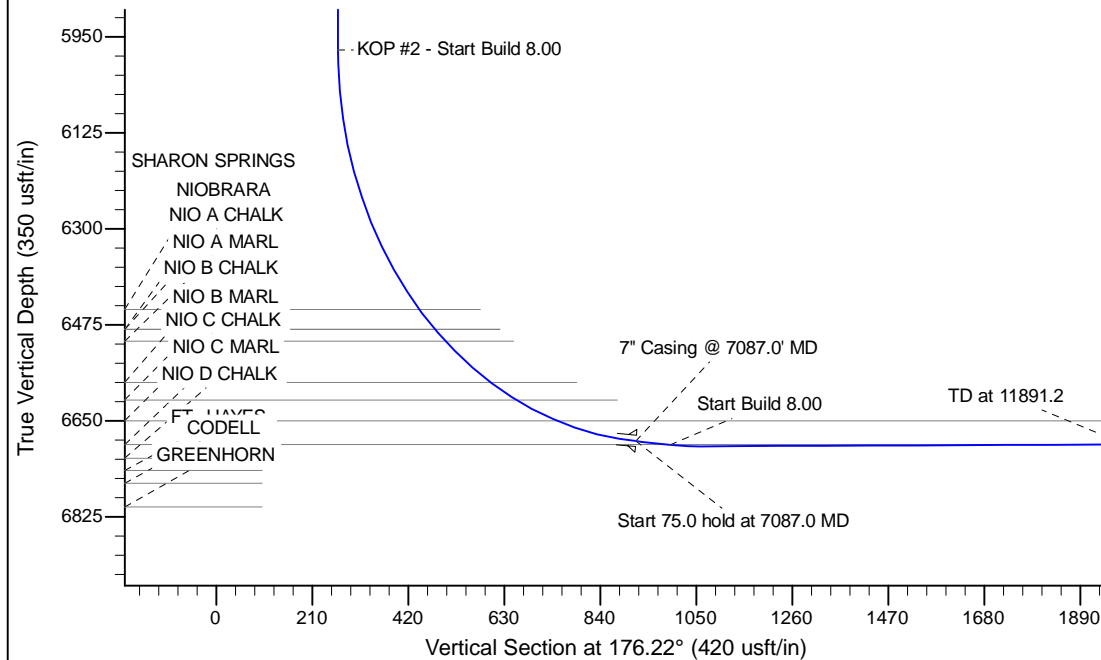
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-74-1AHNC
Wellbore: Original Drilling
Design: APD - Rev 0

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2500.9	14.02	120.65	2494.0	-43.5	73.4	2.00	120.65	48.2	
4	3739.9	14.02	120.65	3696.0	-196.5	331.6	0.00	0.00	218.0	
5	4440.8	0.00	0.00	4390.0	-240.0	405.0	2.00	180.00	266.2	
6	6024.5	0.00	0.00	5973.7	-240.0	405.0	0.00	0.00	266.2	
7	7087.0	85.00	180.30	6687.1	-893.8	401.6	8.00	180.30	918.3	
8	7162.0	85.00	180.30	6693.7	-968.5	401.2	0.00	0.00	992.9	
9	7227.0	90.20	180.30	6696.4	-1033.4	400.9	8.00	0.00	1057.6	
10	11891.2	90.20	180.30	6680.1	-5697.5	376.8	0.00	0.00	5709.9	Mahalo State AA09-74-1AHNC BHL 30'FNL, 1860'FEL



WELL DETAILS: Mahalo State AA09-74-1AHNC				
Ground Level: 4694.0				
0.0	0.0	Northing 1430208.36	Easting 3294650.96	Latitude 40.509490 Longitude -104.440310
Plan: APD - Rev 0 (Mahalo State AA09-74-1AHNC/Original Drilling)				
Created By: Shailey Jewell		Date: 9:48, December 10 2013		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		