

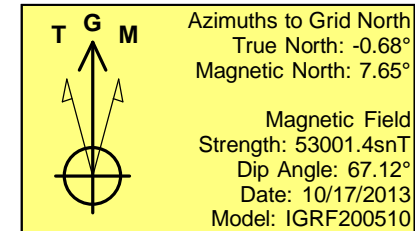
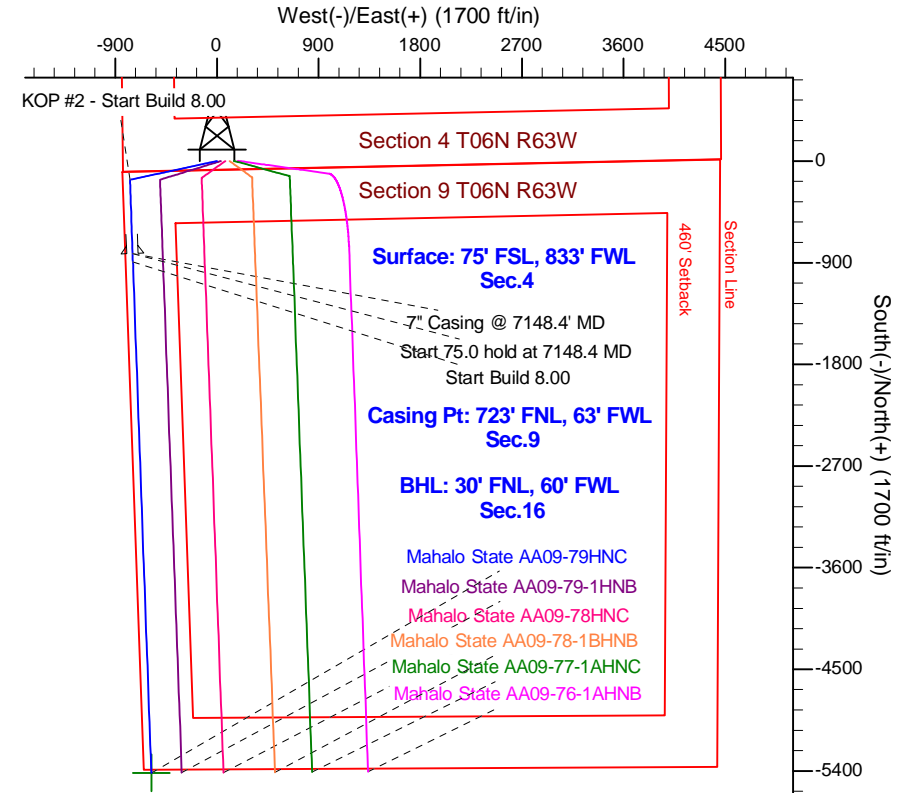
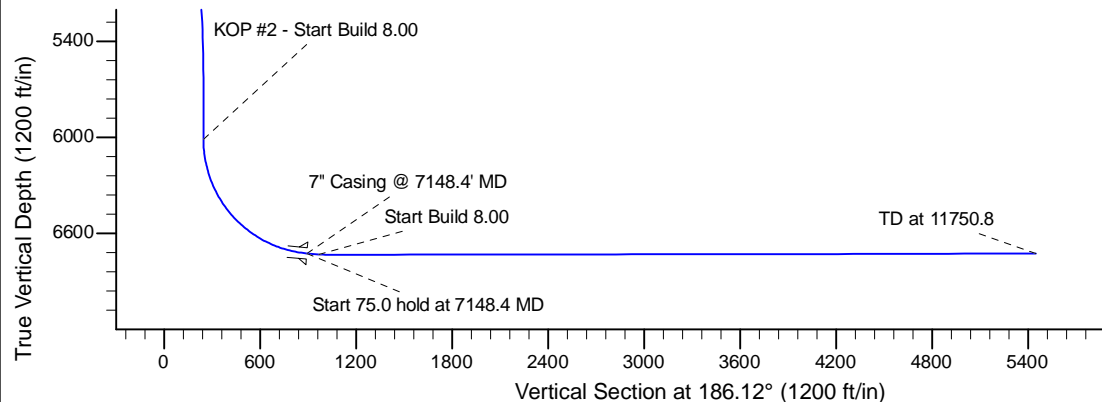
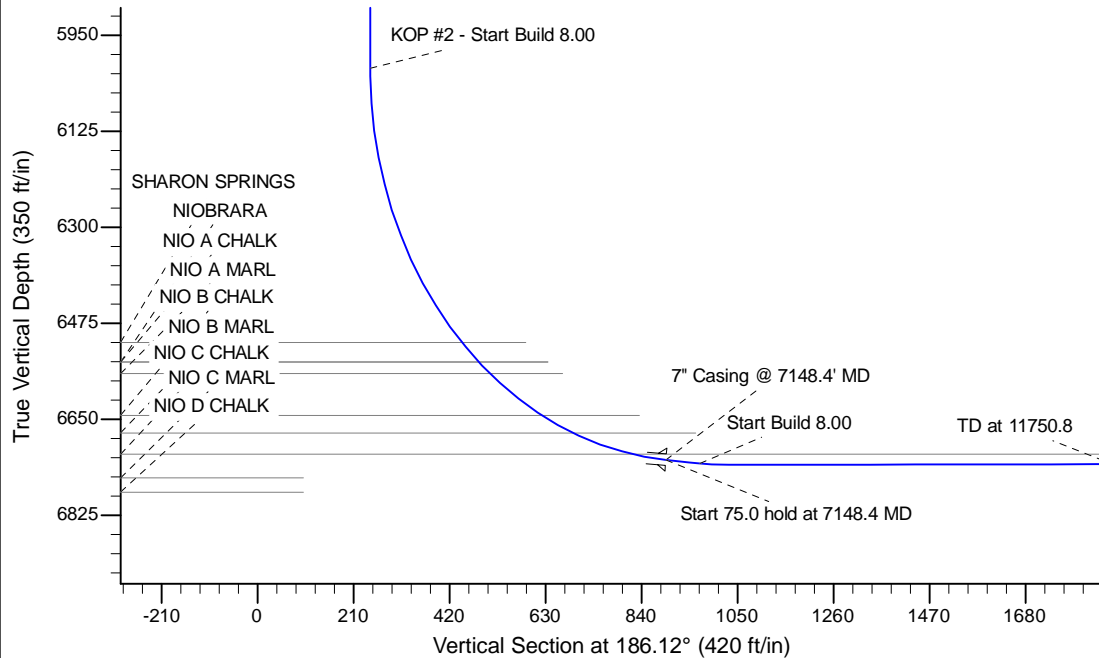
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-79HNC
Wellbore: Original Drilling
Design: APD - Rev 2

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1774.6	11.49	257.91	1770.7	-12.0	-56.2	2.00	257.91	18.0	
4	5150.8	11.49	257.91	5079.3	-153.0	-713.8	0.00	0.00	228.2	
5	5725.4	0.00	0.00	5650.0	-165.0	-770.0	2.00	180.00	246.2	
6	6085.9	0.00	0.00	6010.6	-165.0	-770.0	0.00	0.00	246.2	
7	7148.4	85.00	177.94	6724.0	-818.4	-746.5	8.00	177.94	893.3	
8	7223.4	85.00	177.94	6730.6	-893.0	-743.8	0.00	0.00	967.3	
9	7287.2	90.10	177.94	6733.3	-956.7	-741.5	8.00	0.00	1030.3	
10	11750.8	90.10	177.94	6725.5	-5417.4	-581.1	0.00	0.00	5448.5	Mahalo State AA09-79HNC BHL 30'FNL, 60'FWL



WELL DETAILS: Mahalo State AA09-79HNC

		Ground Level: 4699.0			
		Northing	Easting	Latitude	Longitude
0.0	0.0	1429912.57	3292452.07	40.508750	-104.448230

Plan: APD - Rev 2 (Mahalo State AA09-79HNC/Original Drilling)

Created By: Shailey Jewell Date: 16:41, September 09 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____