

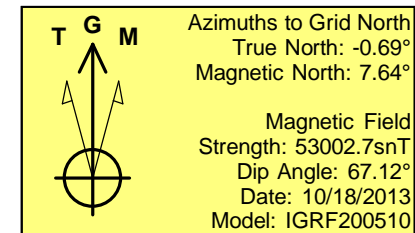
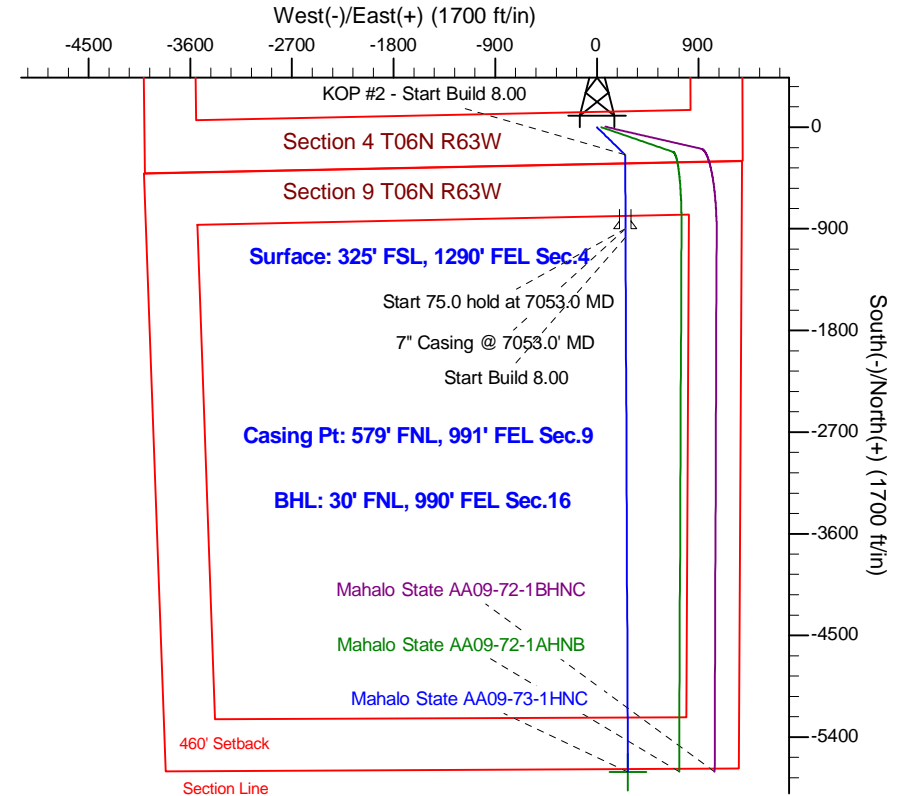
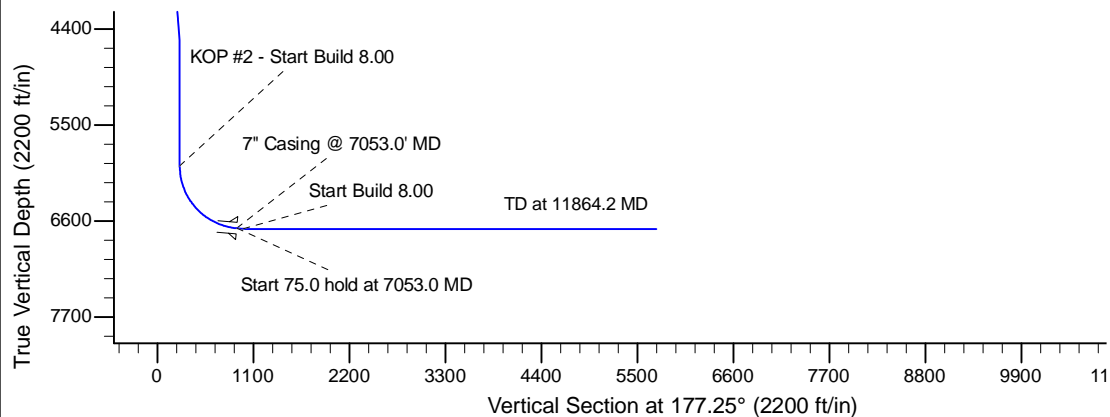
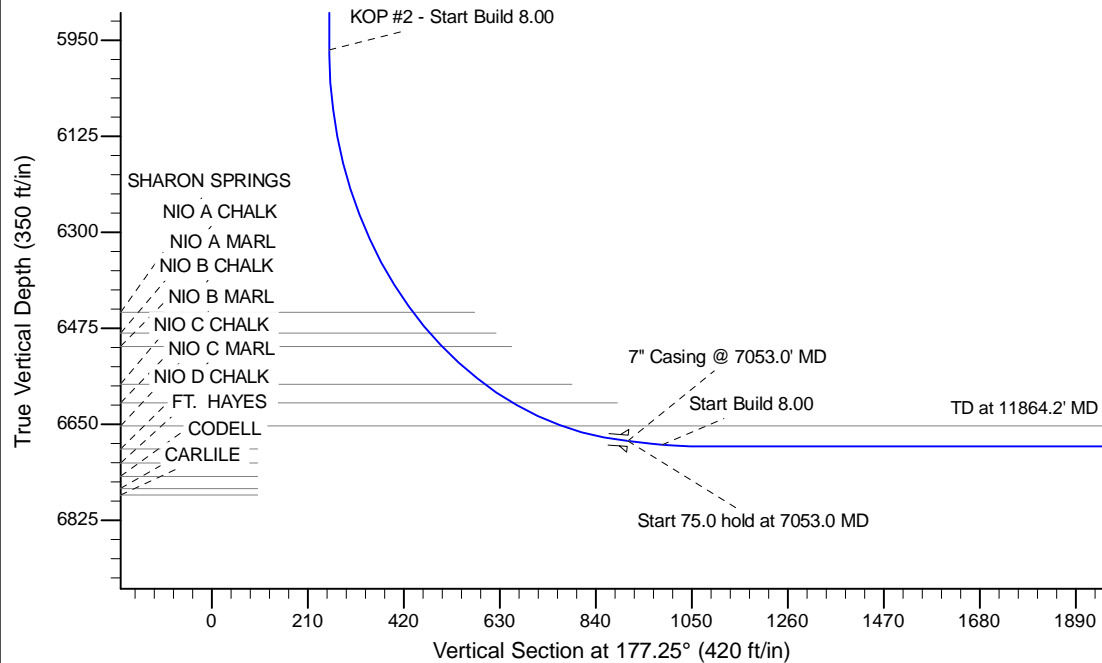
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-73-1HNC
Wellbore: Original Drilling
Design: APD - Rev 1

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	2200.2	8.00	134.42	2198.9	-19.5	19.9	2.00	134.42	20.5	
4	4312.9	8.00	134.42	4291.1	-225.5	230.1	0.00	0.00	236.2	
5	4713.2	0.00	0.00	4690.0	-245.0	250.0	2.00	180.00	256.7	
6	5990.5	0.00	0.00	5967.3	-245.0	250.0	0.00	0.00	256.7	
7	7053.0	85.00	179.75	6680.7	-898.8	252.9	8.00	179.75	909.9	
8	7128.0	85.00	179.75	6687.3	-973.5	253.2	0.00	0.00	984.5	
9	7190.5	90.00	179.75	6690.0	-1035.9	253.5	8.00	0.00	1046.9	
10	11864.2	90.00	179.75	6690.0	-5709.6	274.3	0.00	0.00	5716.2	Mahalo State AA09-73-1HNC BHL 30' FNL, 990' FEL



WELL DETAILS: Mahalo State AA09-73-1HNC

		Ground Level: 4700.0			
		Northing	Easting	Latitude	Longitude
0.0	0.0	1430227.28	3295624.02	40.509510	-104.436810

Plan: APD - Rev 1 (Mahalo State AA09-73-1HNC/Original Drilling)

Created By: Shailey Jewell Date: 11:07, September 08 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____