

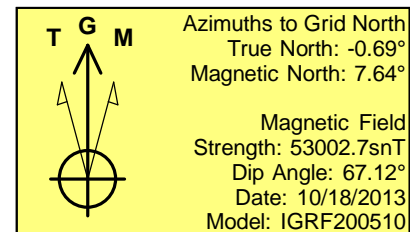
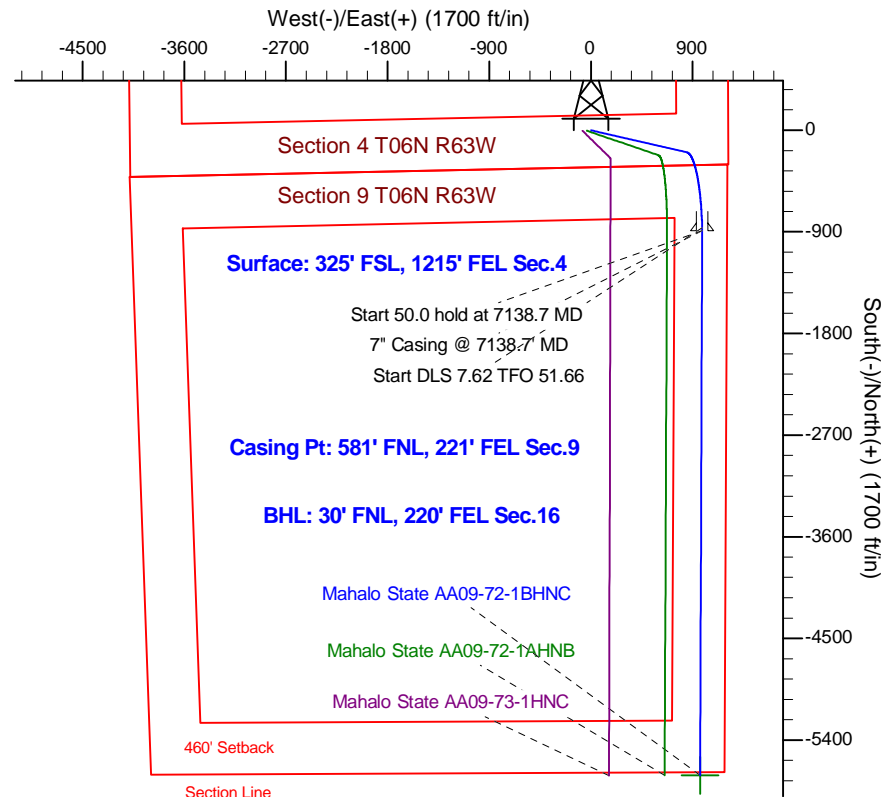
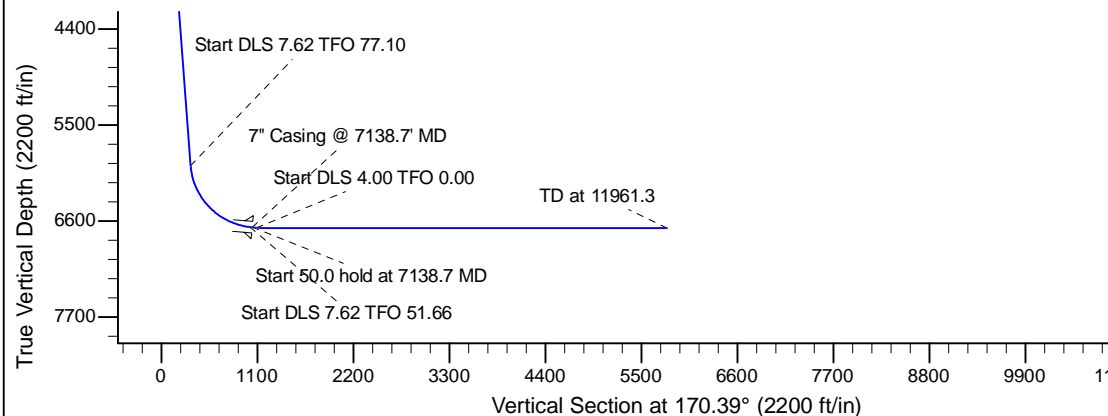
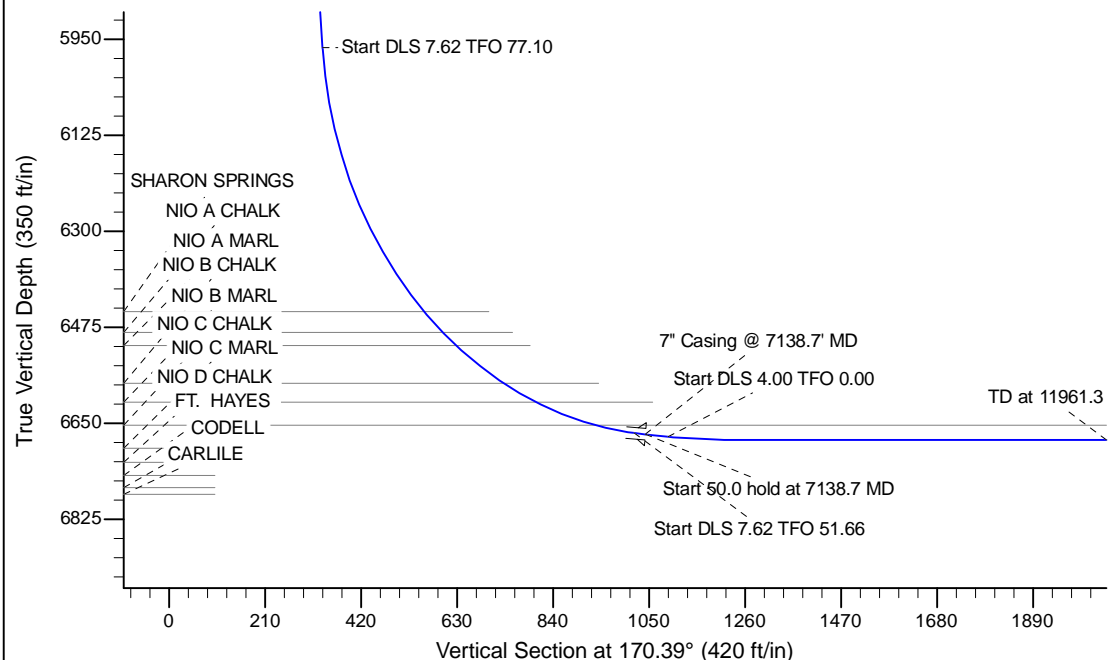
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-72-1BHNC
Wellbore: Original Drilling
Design: APD - Rev 1

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	VSect	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	1750.0	11.00	103.00	1746.6	-11.8	51.3	2.00	103.00	20.2	
4	6047.3	11.00	103.00	5965.0	-196.3	850.2	0.00	0.00	335.4	
5	7113.4	83.80	178.69	6667.5	-864.8	984.8	7.62	77.10	1017.0	
6	7138.7	85.00	180.21	6670.0	-890.0	985.0	7.62	51.66	1041.9	
7	7188.7	85.00	180.21	6674.4	-939.8	984.8	0.00	0.00	1091.0	
8	7313.7	90.00	180.21	6679.8	-1064.7	984.4	4.00	0.00	1214.0	
9	11961.3	90.00	180.22	6680.0	-5712.2	966.9	0.00	116.93	5793.5	Mahalo State AA09-72-1BHNC BHL 30'FNL, 220'FEL



WELL DETAILS: Mahalo State AA09-72-1BHNC

Ground Level: 4700.0			
0.0	0.0	Northings	Eastings
1430231.83	3295699.04	Latitude	Longitude
40.509520	-104.436540		

Plan: APD - Rev 1 (Mahalo State AA09-72-1BHNC/Original Drilling)

Created By: Shailey Jewell Date: 11:22, September 08 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____