

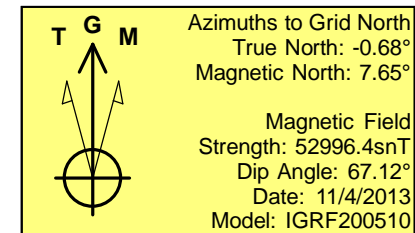
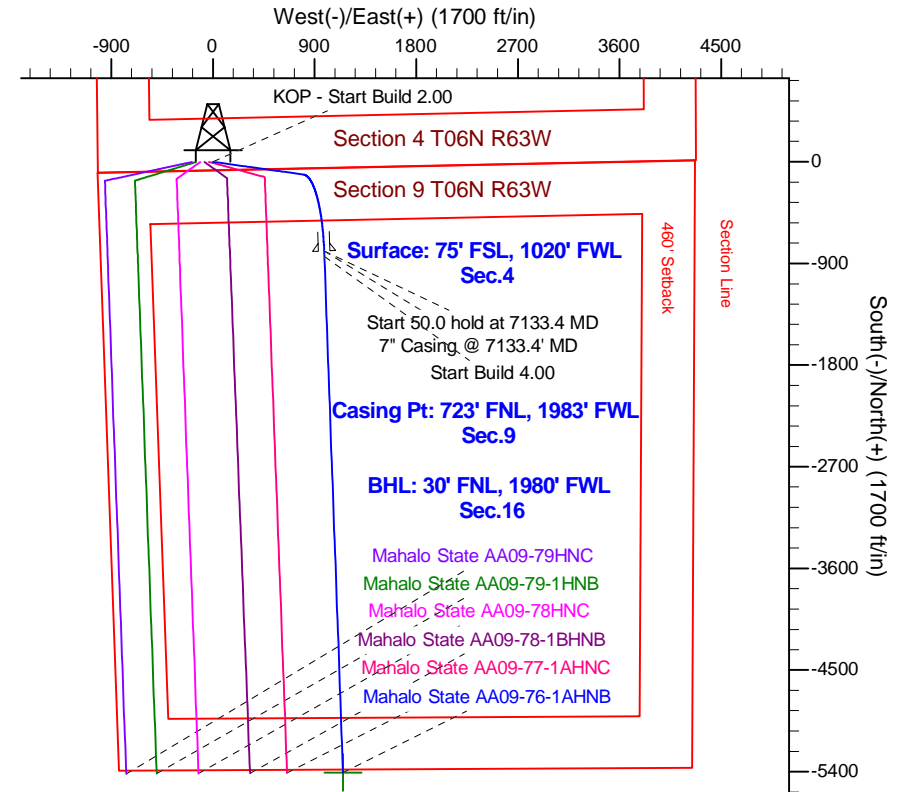
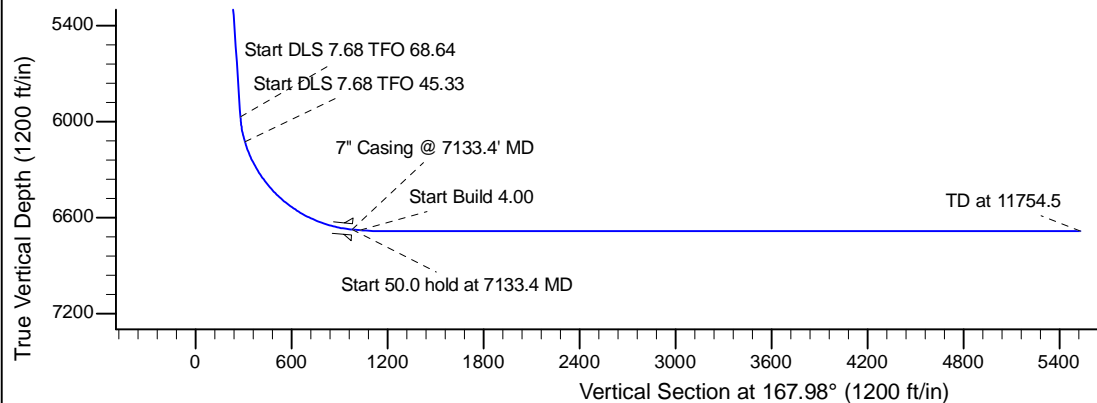
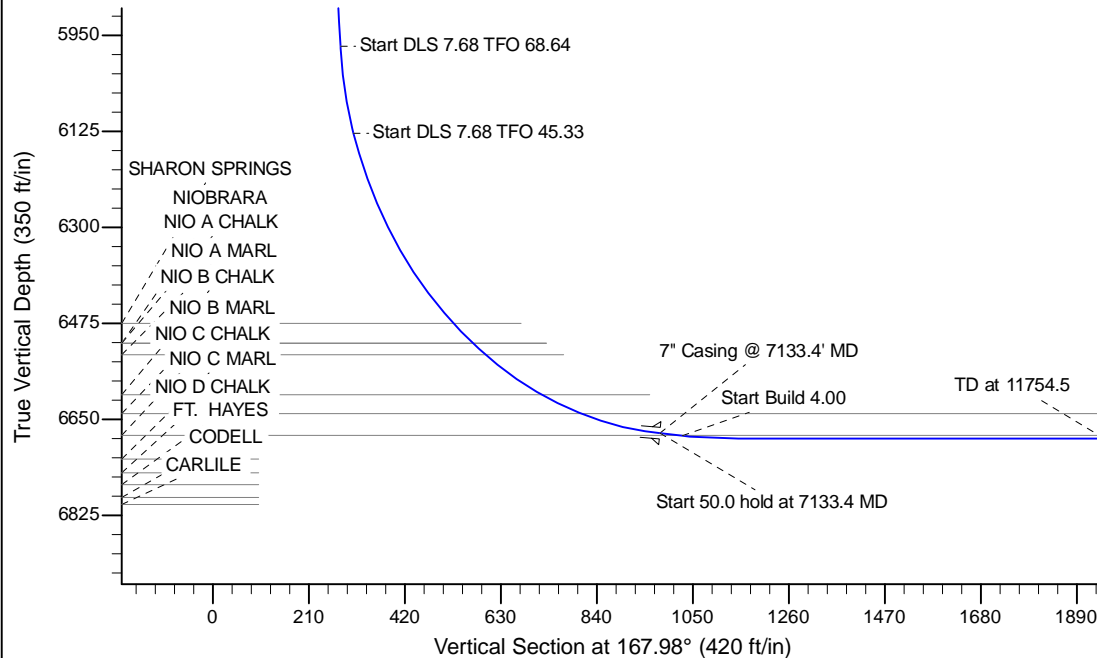
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-76-1AHNB
Wellbore: Original Drilling
Design: APD - Rev 1

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2050.0	11.00	98.00	2046.6	-7.3	52.1	2.00	98.00	18.0	
4	6046.8	11.00	98.00	5970.0	-113.5	807.3	0.00	0.00	279.1	
5	6210.3	19.44	135.50	6128.0	-135.1	842.0	7.68	68.64	307.6	
6	7133.4	85.00	177.93	6675.2	-790.0	985.0	7.68	45.33	977.9	
7	7183.4	85.00	177.93	6679.6	-839.8	986.8	0.00	0.00	1026.9	
8	7308.4	90.00	177.93	6685.0	-964.5	991.3	4.00	0.00	1149.9	
9	11754.5	90.00	177.93	6685.0	-5407.7	1151.8	0.00	92.05	5529.0	Mahalo State AA09-76-1AHNB BHL 30'FNL, 1980'FWL



WELL DETAILS: Mahalo State AA09-76-1AHNB

Ground Level: 4697.0				
	Northing	Easting	Latitude	Longitude
0.0	0.0	1429914.78	3292638.36	40.508750 -104.447560

Plan: APD - Rev 1 (Mahalo State AA09-76-1AHNB/Original Drilling)

Created By: Shailey Jewell Date: 15:40, September 09 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____