

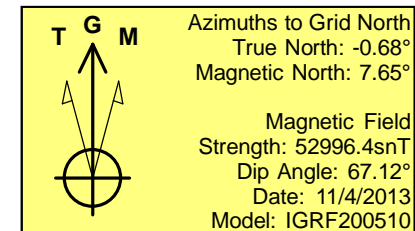
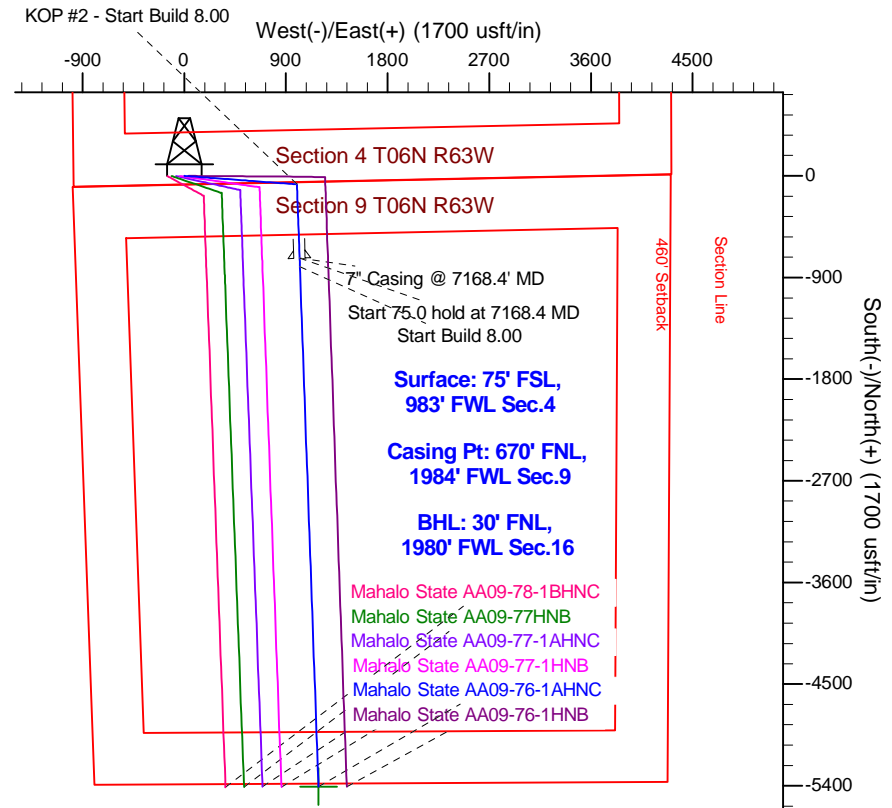
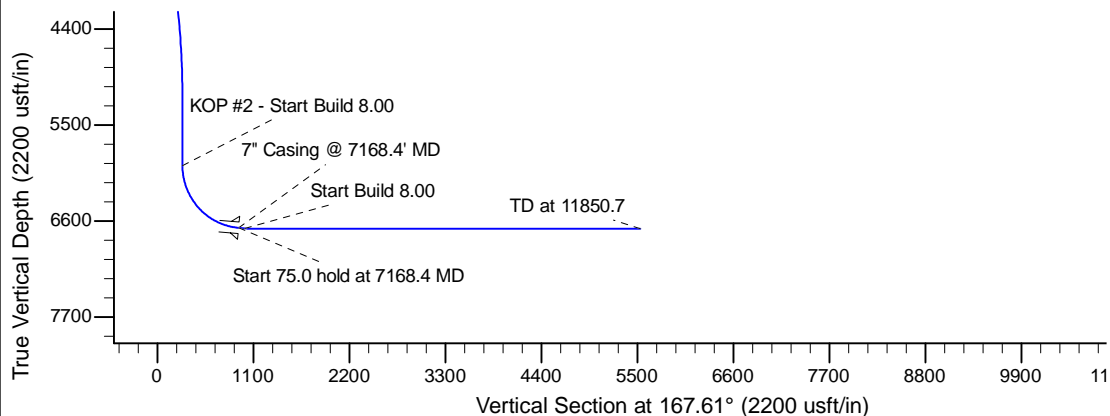
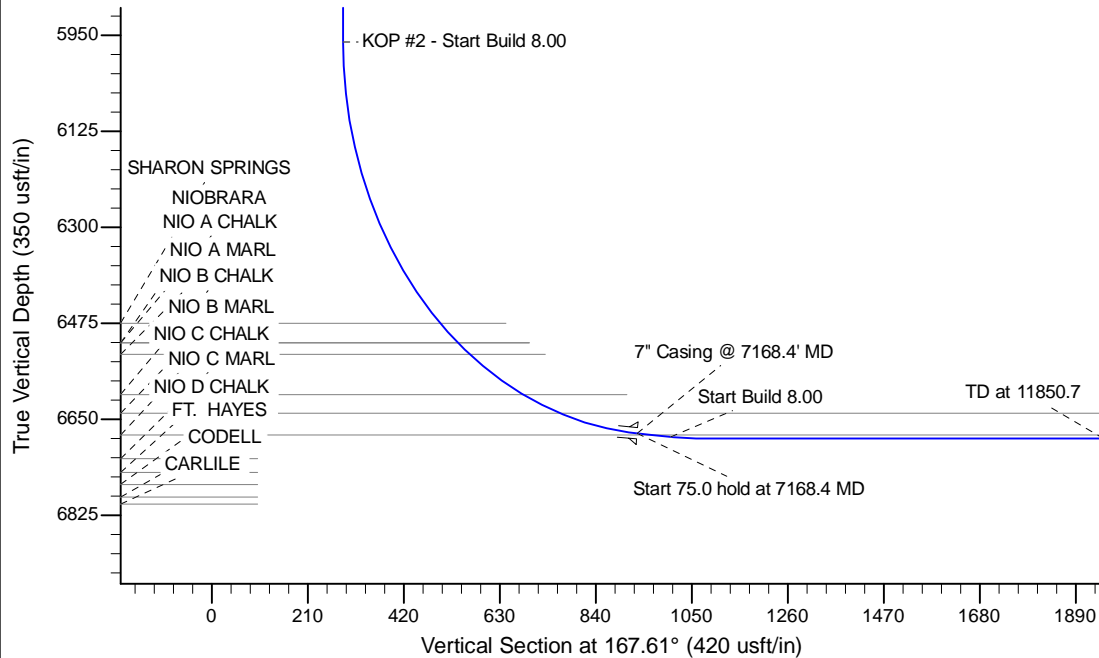
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-76-1AHNC
Wellbore: Original Drilling
Design: APD - Rev 0

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	2101.8	18.04	94.30	2086.9	-10.6	140.4	2.00	94.30	40.4	
4	4421.9	18.04	94.30	4293.1	-64.4	856.6	0.00	0.00	246.8	
5	5323.6	0.00	0.00	5180.0	-75.0	997.0	2.00	180.00	287.2	
6	6105.9	0.00	0.00	5962.3	-75.0	997.0	0.00	0.00	287.2	
7	7168.4	85.00	177.95	6675.7	-728.4	1020.4	8.00	177.95	930.3	
8	7243.4	85.00	177.95	6682.3	-803.0	1023.1	0.00	0.00	1003.8	
9	7305.9	90.00	177.95	6685.0	-865.4	1025.3	8.00	0.00	1065.2	
10	11850.7	90.00	177.95	6685.0	-5407.3	1187.9	0.00	0.00	5536.2	Mahalo State AA09-76-1AHNC BHL 30'FNL, 1980'FWL



WELL DETAILS: Mahalo State AA09-76-1AHNC

Ground Level:4697.0				
	Northing	Easting	Latitude	Longitude
0.0	0.0	1429914.35	3292602.22	40.508750 -104.447690

Plan: APD - Rev 0 (Mahalo State AA09-76-1AHNC/Original Drilling)

Created By: Shailey Jewell Date: 13:37, December 09 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____