

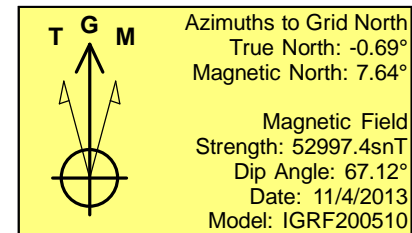
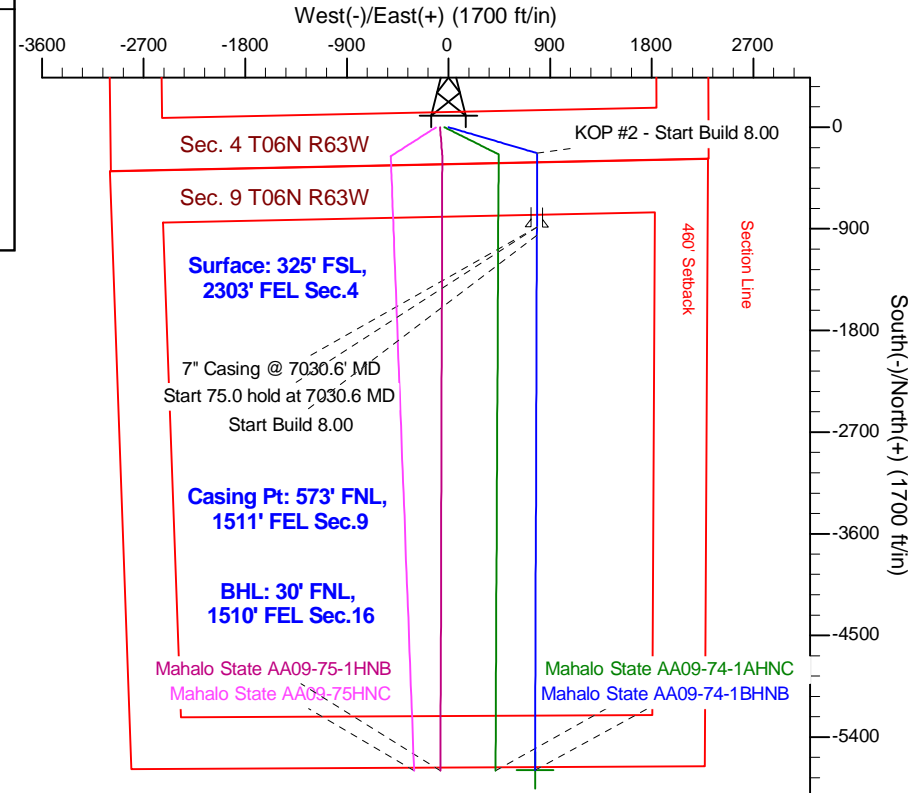
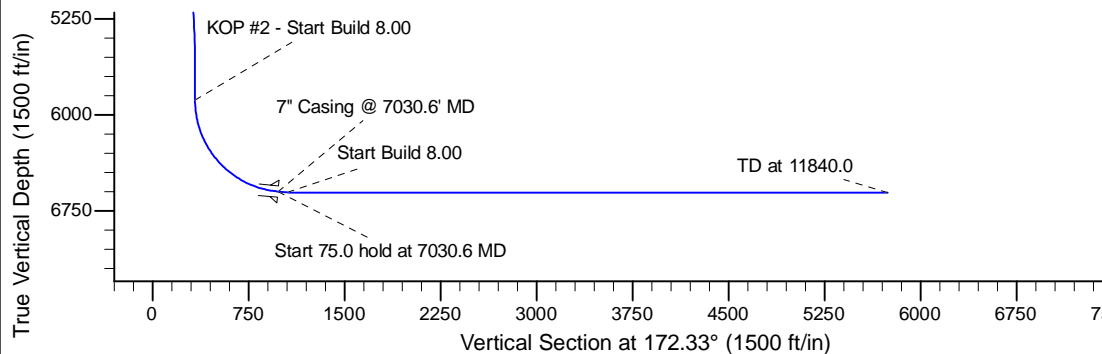
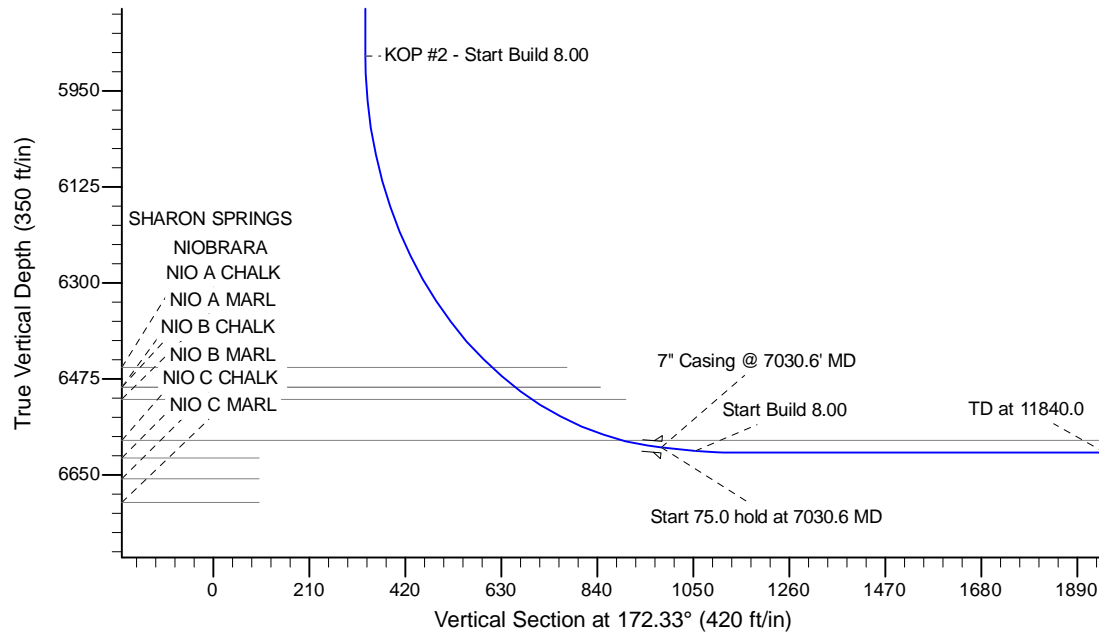
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-74-1BHNB
Wellbore: Original Drilling
Design: APD - Rev 1

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	1801.9	12.04	106.33	1797.5	-17.7	60.5	2.00	106.33	25.6	
4	5119.9	12.04	106.33	5042.5	-212.3	724.5	0.00	0.00	307.0	
5	5721.8	0.00	0.00	5640.0	-230.0	785.0	2.00	180.00	332.7	
6	5968.1	0.00	0.00	5886.3	-230.0	785.0	0.00	0.00	332.7	
7	7030.6	85.00	180.20	6599.7	-883.8	782.7	8.00	180.20	980.3	
8	7105.6	85.00	180.20	6606.3	-958.5	782.5	0.00	0.00	1054.3	
9	7168.1	90.00	180.20	6609.0	-1020.9	782.3	8.00	0.00	1116.1	
10	11840.0	90.00	180.20	6609.0	-5692.8	766.2	0.00	0.00	5744.1	Mahalo State AA09-74-1BHNB BHL 30'FNL, 1510'FEL



WELL DETAILS: Mahalo State AA09-74-1BHNB

Ground Level: 4695.0			
0.0	0.0	North	East
1430207.89	3294612.04	Latitude	Longitude
40.509490	-104.440450		

Plan: APD - Rev 1 (Mahalo State AA09-74-1BHNB/Original Drilling)

Created By: Shailey Jewell Date: 10:15, September 10 2014
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____