

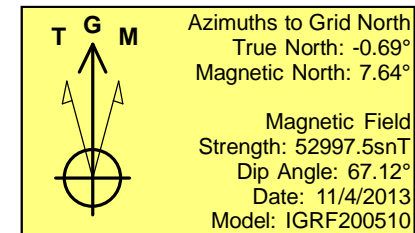
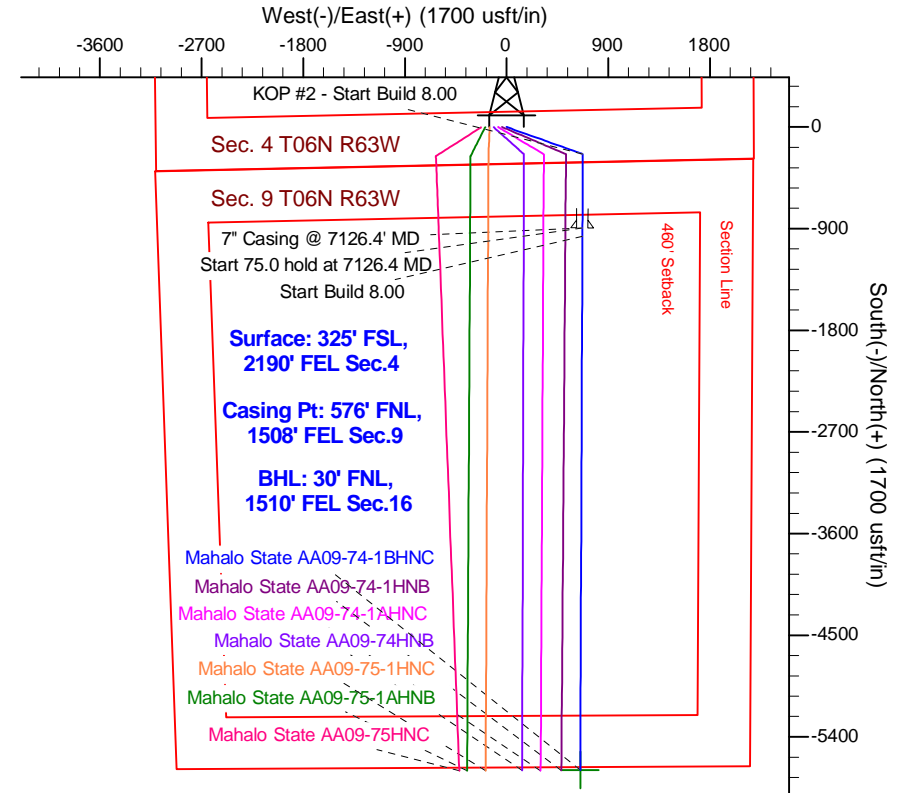
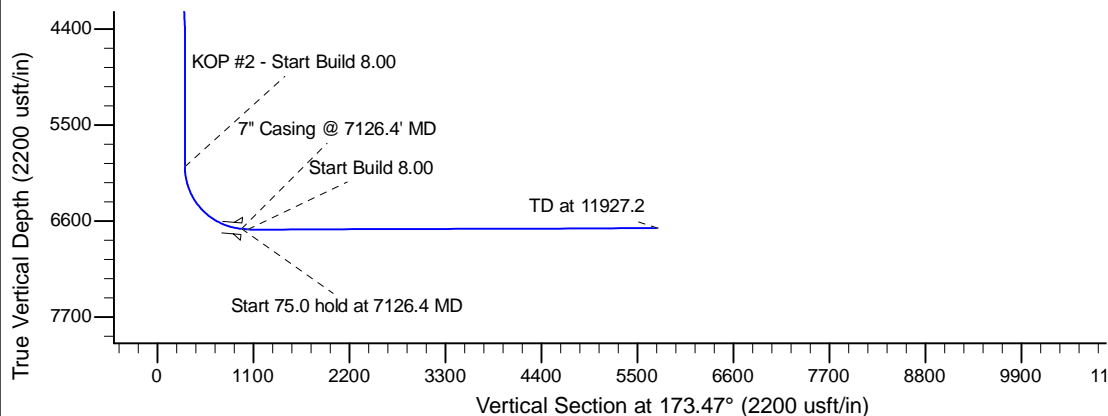
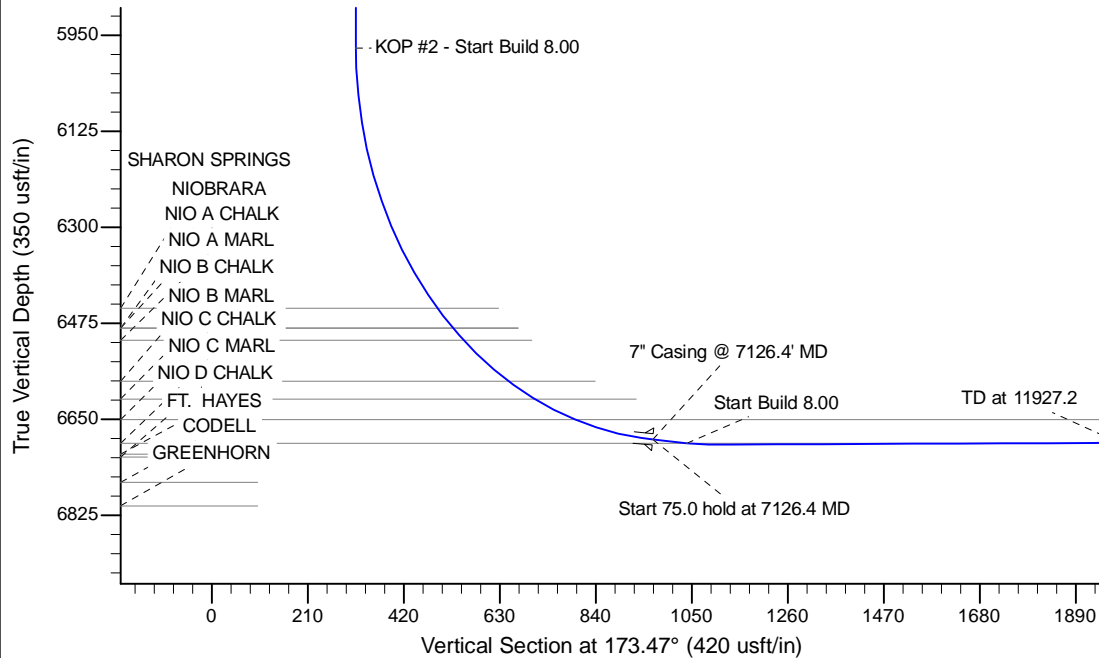
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-74-1BHNC
Wellbore: Original Drilling
Design: APD - Rev 0

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	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	2001.6	16.03	109.57	1991.2	-37.3	105.0	2.00	109.57	49.0	
4	3788.7	16.03	109.57	3708.8	-202.7	570.0	0.00	0.00	266.2	
5	4590.3	0.00	0.00	4500.0	-240.0	675.0	2.00	180.00	315.3	
6	6063.9	0.00	0.00	5973.5	-240.0	675.0	0.00	0.00	315.3	
7	7126.4	85.00	180.24	6687.0	-893.8	672.3	8.00	180.24	964.5	
8	7201.4	85.00	180.24	6693.5	-968.5	672.0	0.00	0.00	1038.7	
9	7266.4	90.20	180.24	6696.3	-1033.4	671.7	8.00	0.00	1103.1	
10	11927.2	90.20	180.24	6680.0	-5694.2	652.2	0.00	0.00	5731.4	Mahalo State AA09-74-1BHNC BHL 30'FNL, 1510'FEL



WELL DETAILS: Mahalo State AA09-74-1BHNC					
Ground Level: 4695.0					
0.0	0.0	Northing 1430209.26	Easting 3294726.03	Latitude 40.509490	Longitude -104.440040
Plan: APD - Rev 0 (Mahalo State AA09-74-1BHNC/Original Drilling)					
Created By: Shailey Jewell			Date: 9:25, December 10 2013		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		