

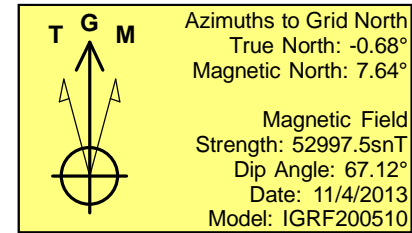
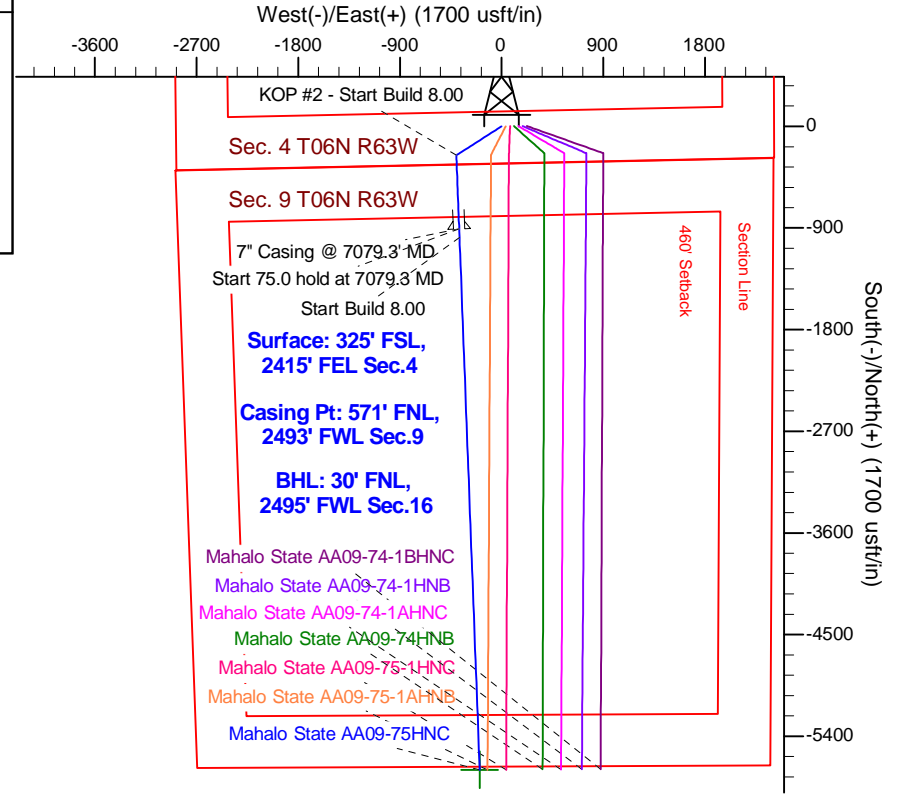
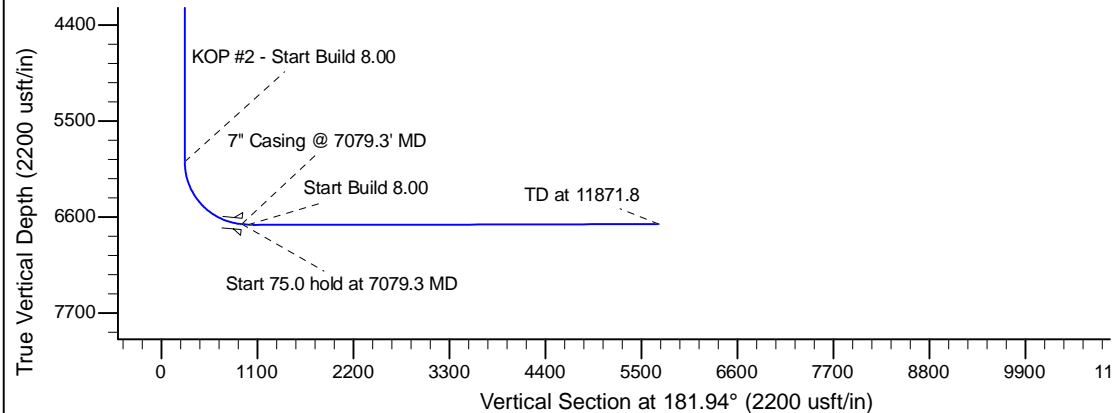
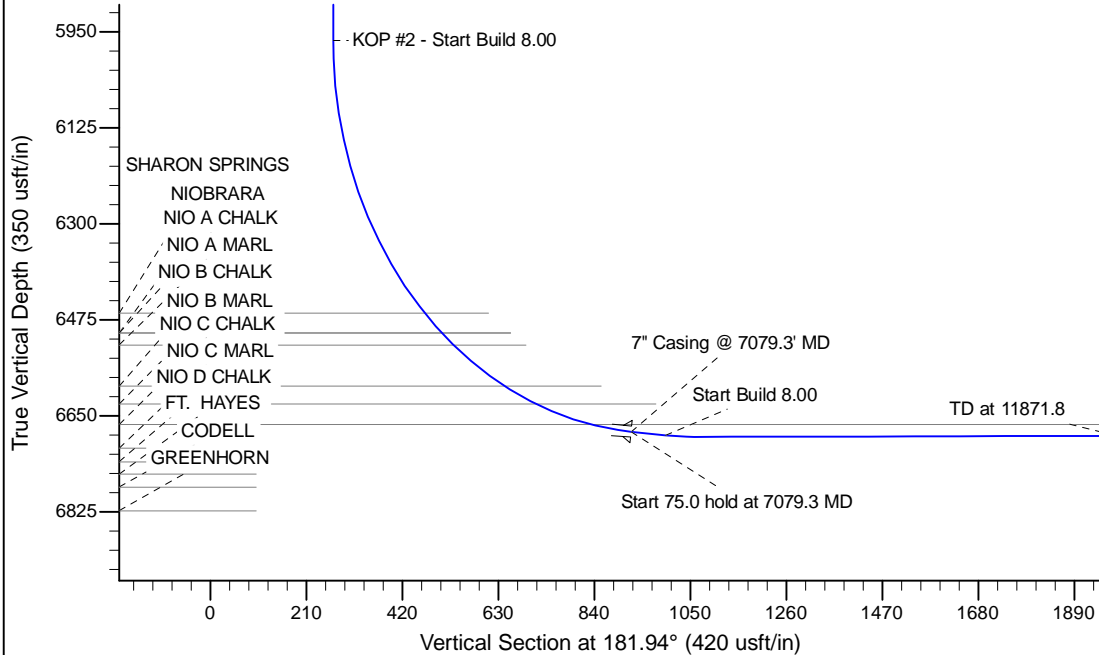
Project: Wattenberg Field  
Site: AA (Sec.4-T06N-R63W) Weld County, CO  
Well: Mahalo State AA09-75HNC  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	1900.6	14.01	237.48	1893.6	-45.8	-71.9	2.00	237.48	48.2	
4	3155.7	14.01	237.48	3111.4	-209.2	-328.1	0.00	0.00	220.2	
5	3856.3	0.00	0.00	3805.0	-255.0	-400.0	2.00	180.00	268.4	
6	6016.8	0.00	0.00	5965.5	-255.0	-400.0	0.00	0.00	268.4	
7	7079.3	85.00	177.83	6679.0	-908.3	-375.2	8.00	177.83	920.5	
8	7154.3	85.00	177.83	6685.5	-983.0	-372.4	0.00	0.00	995.0	
9	7218.0	90.10	177.83	6688.2	-1046.6	-370.0	8.00	0.00	1058.5	
10	11871.8	90.10	177.83	6680.1	-5697.0	-193.4	0.00	0.00	5700.3	Mahalo State AA09-75HNC BHL 30'FNL, 2495'FWL



## WELL DETAILS: Mahalo State AA09-75HNC

Ground Level: 4695.0			
0.0	0.0	Northing	Eastng
1430206.56	3294500.82	Latitude	Longitude
40.509490	-104.440850		

Plan: APD - Rev 0 (Mahalo State AA09-75HNC/Original Drilling)

Created By: Shailey Jewell Date: 10:26, December 10 2013

Checked: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

Approved: \_\_\_\_\_ Date: \_\_\_\_\_