

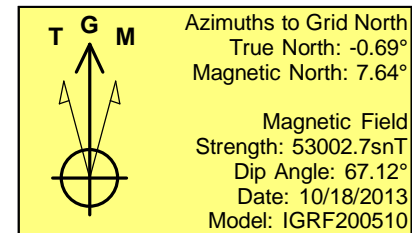
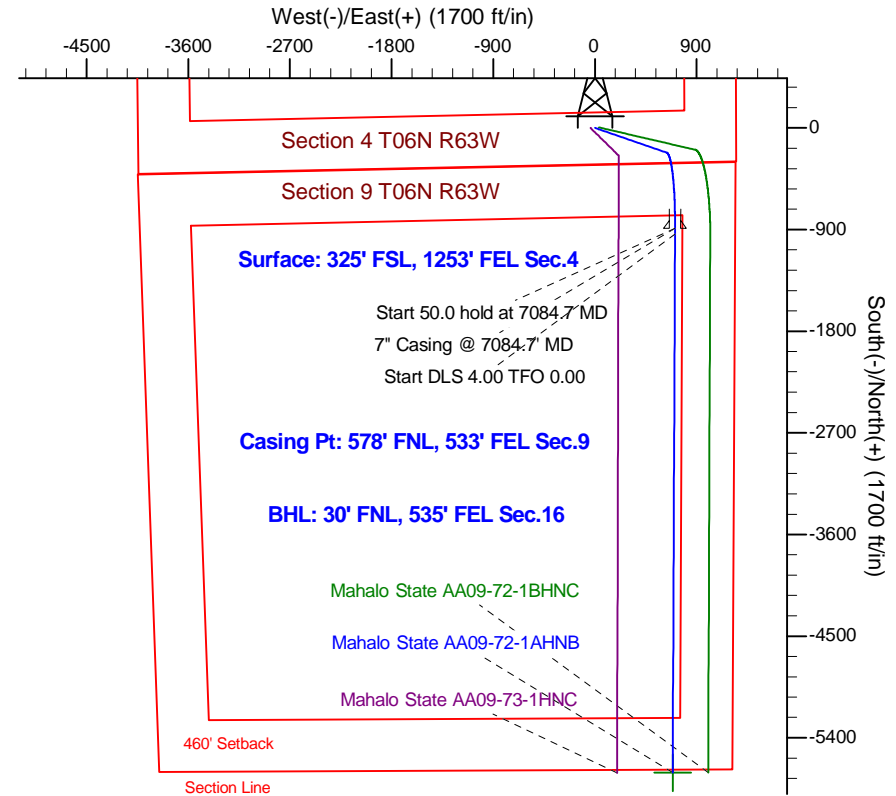
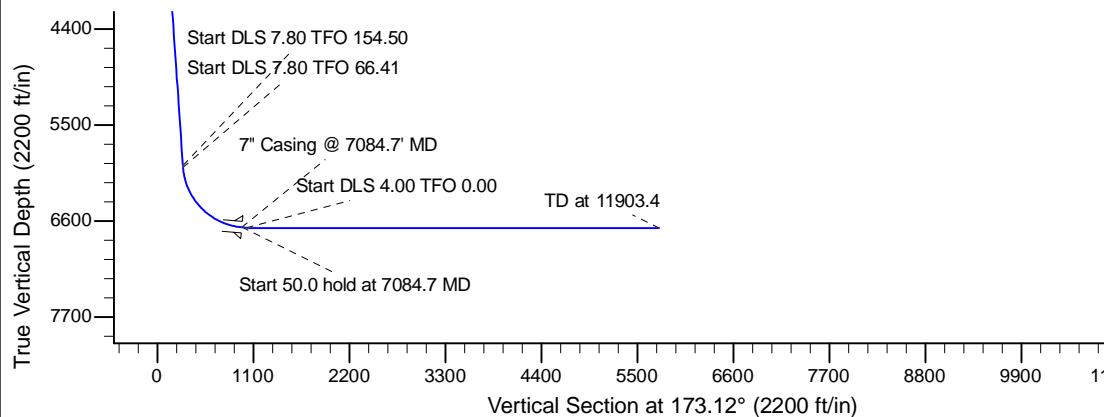
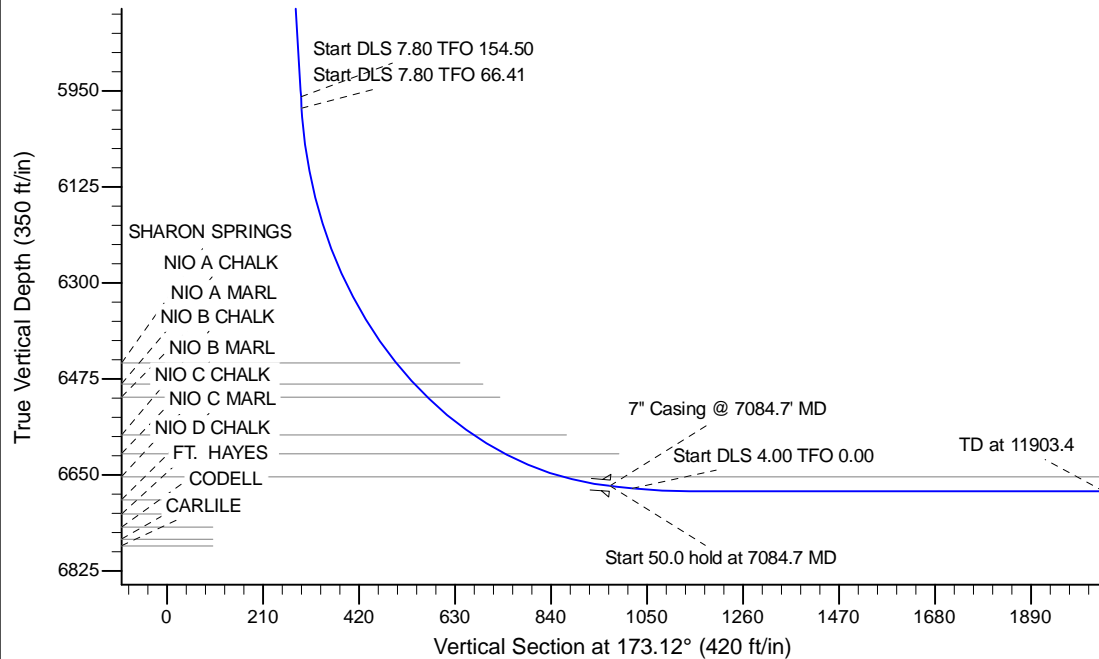
Project: Wattenberg Field
Site: AA (Sec.4-T06N-R63W) Weld County, CO
Well: Mahalo State AA09-72-1AHNB
Wellbore: Original Drilling
Design: APD - Rev 1

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	1950.0	9.00	109.00	1948.2	-11.5	33.3	2.00	109.00	15.4	
4	6011.9	9.00	109.00	5960.0	-218.4	634.1	0.00	0.00	292.7	
5	6033.7	7.50	114.63	5981.6	-219.5	637.1	7.80	154.50	294.2	
6	7084.7	85.00	180.25	6670.0	-890.0	710.0	7.80	66.41	968.6	
7	7134.7	85.00	180.25	6674.4	-939.8	709.8	0.00	0.00	1018.1	
8	7259.7	90.00	180.25	6679.8	-1064.6	709.2	4.00	0.00	1141.9	
9	11903.4	90.00	180.26	6680.0	-5708.3	688.7	0.00	128.83	5749.7	Mahalo State AA09-72-1AHNC BHL 30'FNL, 535'FEL



WELL DETAILS: Mahalo State AA09-72-1AHNB				
Ground Level: 4700.0				
0.0	0.0	Northing	Easting	Latitude
1430227.76	3295662.94	40.509510	-104.436670	
Plan: APD - Rev 1 (Mahalo State AA09-72-1AHNB/Original Drilling)				
Created By: Shailey Jewell		Date: 11:14, September 08 2014		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		