

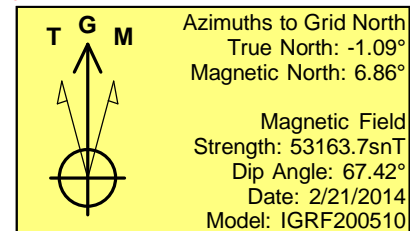
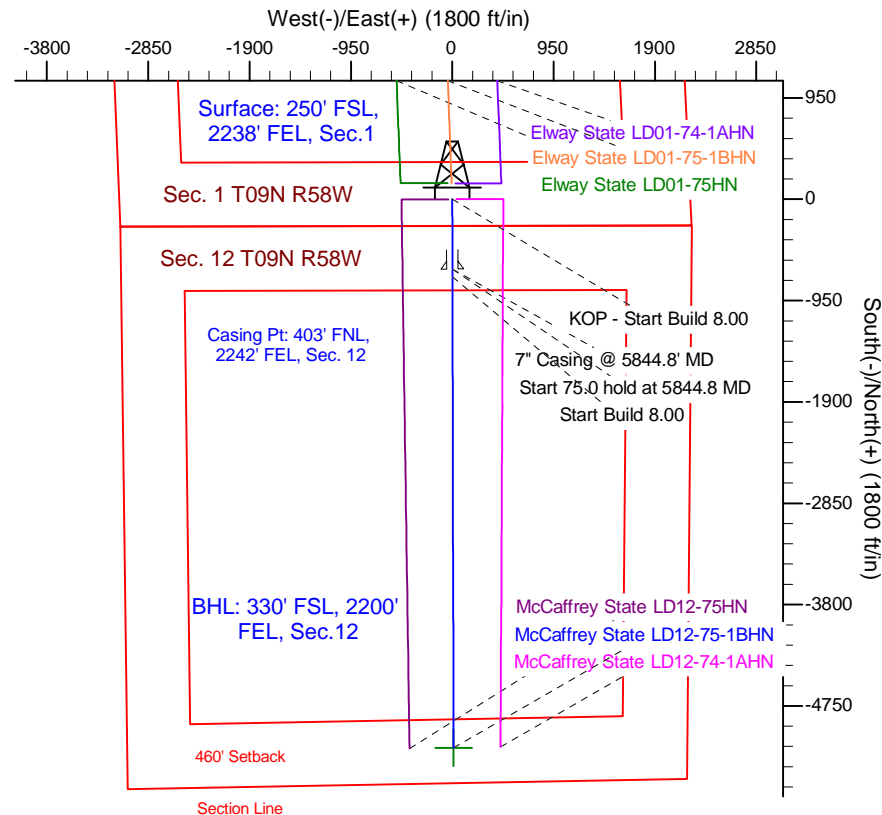
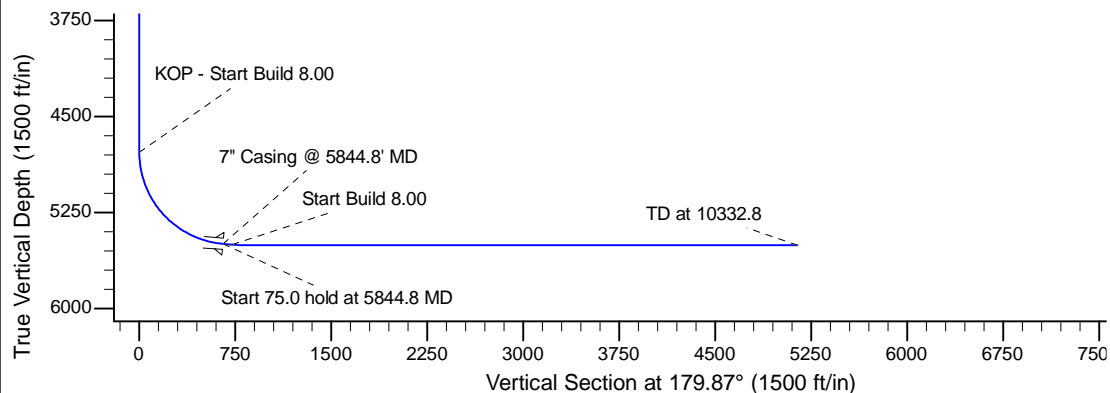
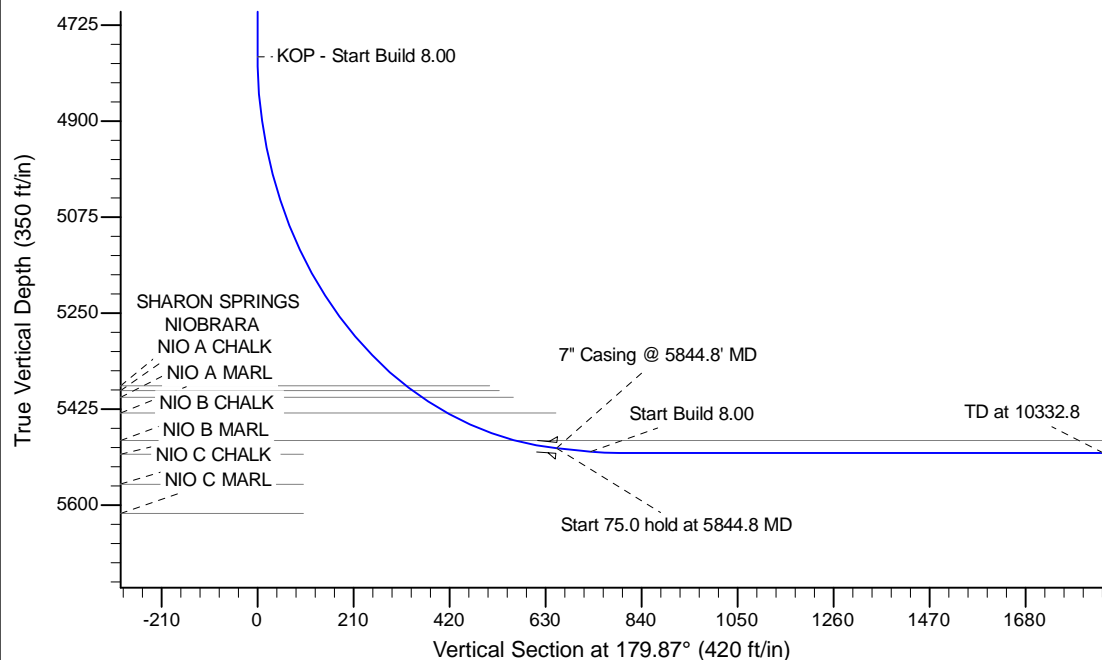
Project: Wattenberg Field  
 Site: LD (Sec.1-T09N-R58W) Weld County, CO  
 Well: McCaffrey State LD12-75-1BHN  
 Wellbore: Original Drilling  
 Design: APD - Rev 1

# 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	4782.3	0.00	0.00	4782.3	0.0	0.0	0.00	0.00	0.0	
3	5844.8	85.00	179.87	5495.7	-653.8	1.5	8.00	179.87	653.8	
4	5919.8	85.00	179.87	5502.3	-728.5	1.7	0.00	0.00	728.5	
5	5982.3	90.00	179.87	5505.0	-790.9	1.9	8.00	0.00	790.9	
6	10332.8	90.00	179.87	5505.0	-5141.5	12.1	0.00	0.00	5141.5	McCaffrey State LD12-75-1BHN BHL 330'FSL,2200'FEL



## WELL DETAILS: McCaffrey State LD12-75-1BHN

		Ground Level:4633.0	
0.0	0.0	Northing	Eastng
1529235.77	3467947.32	Latitude	Longitude
40.773900	-103.810400		

Plan: APD - Rev 1 (McCaffrey State LD12-75-1BHN/Original Drilling)

Created By: Shailey Jewell Date: 11:20, August 07 2014

OK to submit with 2A as per Noble Drilling  
 8/11/2014 10:06