

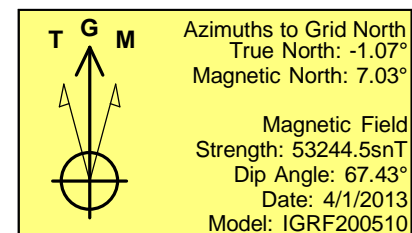
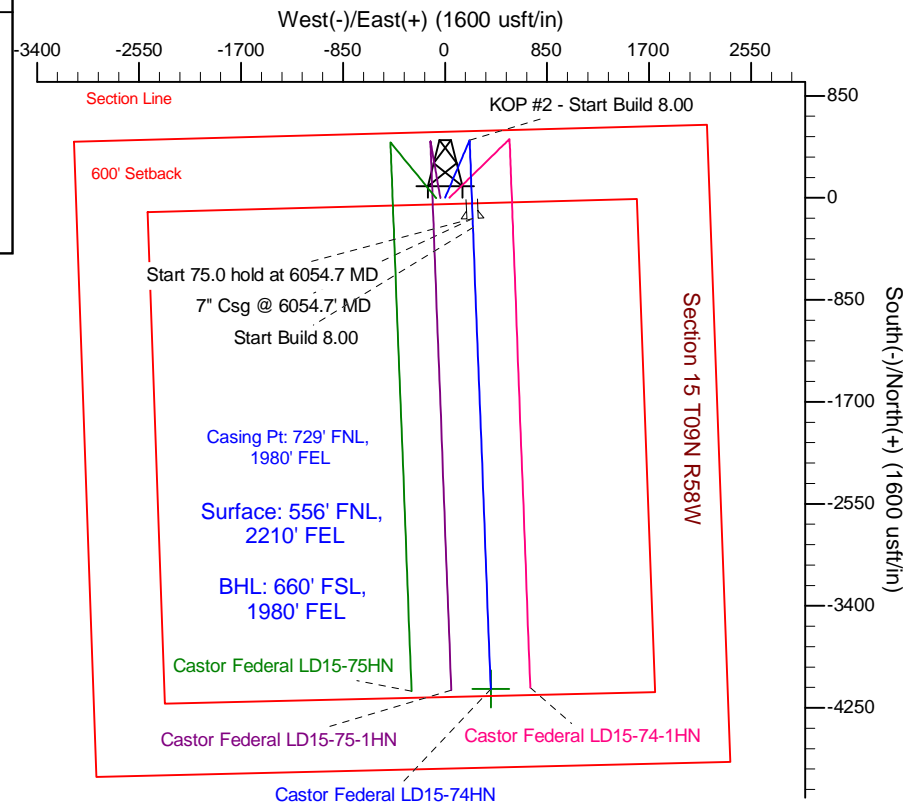
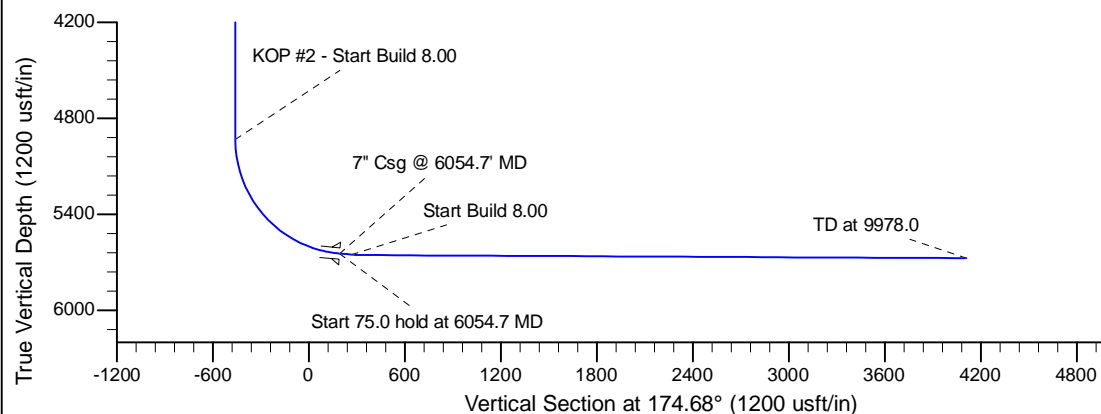
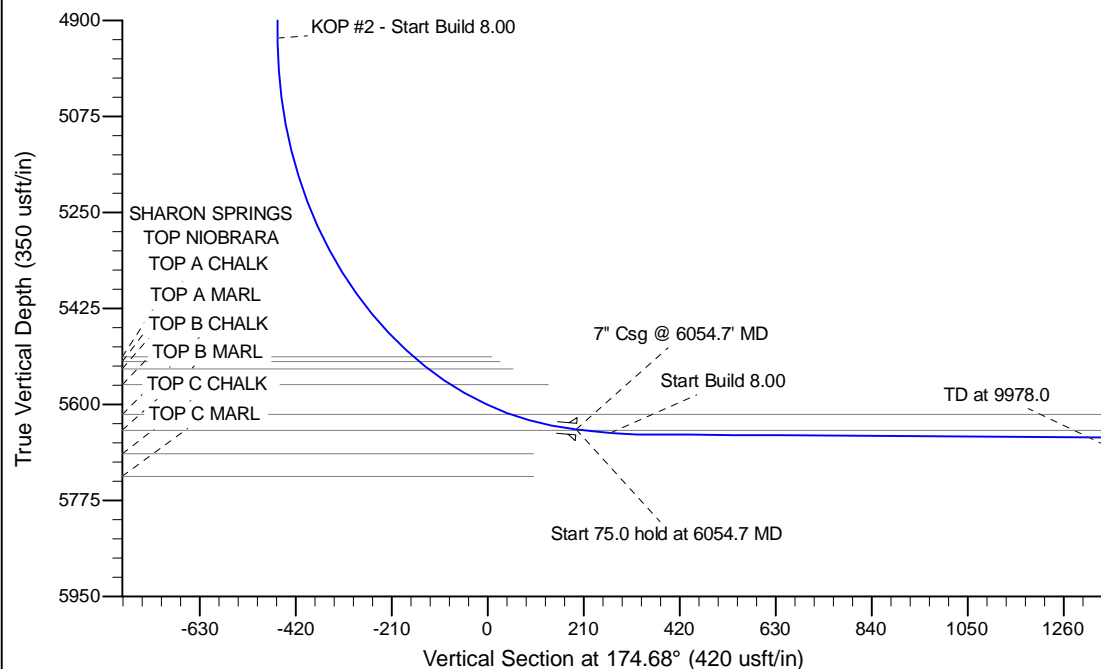
Project: Wattenberg Field  
Site: LD (Sec.15-T09N-R58W) Weld County, CO  
Well: Castor Federal LD15-74HN  
Wellbore: Original Drilling  
Design: APD - Rev 0

# Northern Region Drilling

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2250.4	15.01	23.08	2241.8	89.9	38.3	2.00	23.08	-86.0	
4	3514.8	15.01	23.08	3463.2	391.1	166.7	0.00	0.00	-374.0	
5	4265.2	0.00	0.00	4205.0	481.0	205.0	2.00	180.00	-459.9	
6	4992.2	0.00	0.00	4931.9	481.0	205.0	0.00	0.00	-459.9	
7	6054.7	85.00	177.80	5645.4	-172.3	230.2	8.00	177.80	192.9	
8	6129.7	85.00	177.80	5651.9	-247.0	233.0	0.00	0.00	267.5	
9	6188.4	89.70	177.80	5654.7	-305.6	235.3	8.00	0.00	326.1	
10	9978.0	89.70	177.80	5674.5	-4092.3	381.1	0.00	0.00	4110.1	Castor Federal LD15-74HN BHL 660'FSL, 1980'FEL



WELL DETAILS: Castor Federal LD15-74HN				
Ground Level: 4707.0				
0.0	0.0	1522926.82	3457438.24	40.757130
Latitude				
Longitude				
-103.848760				
Plan: APD - Rev 0 (Castor Federal LD15-74HN/Original Drilling)				
Created By: Carrie Willers		Date: 10:23, April 11 2013		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		