

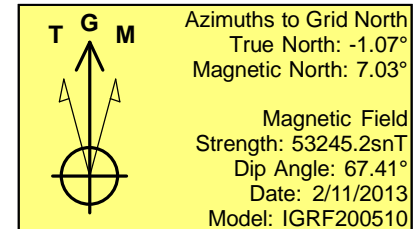
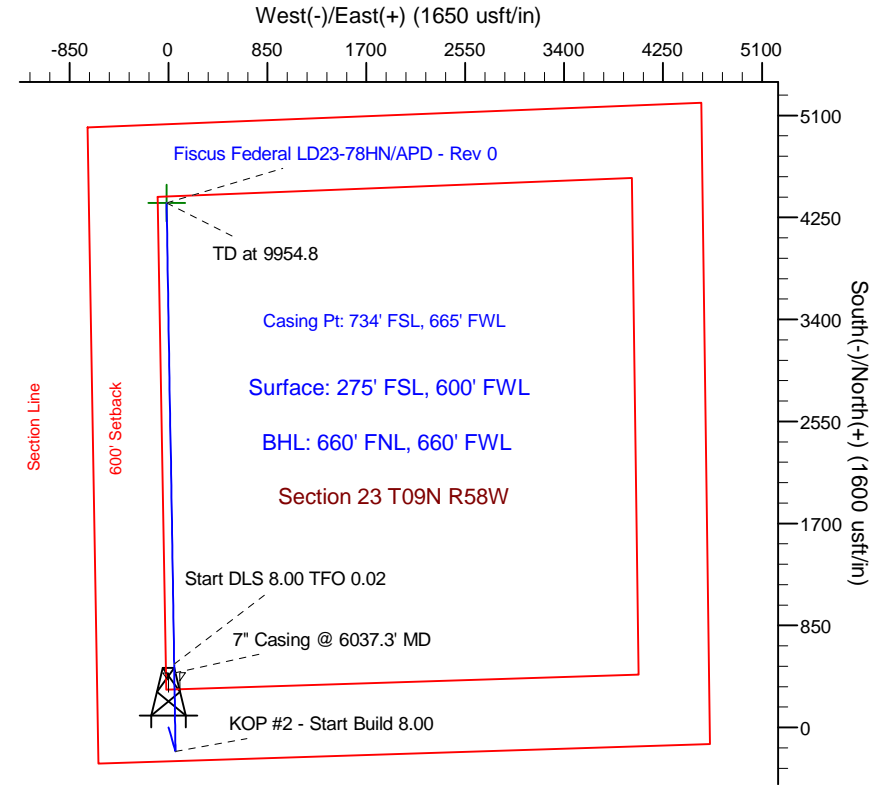
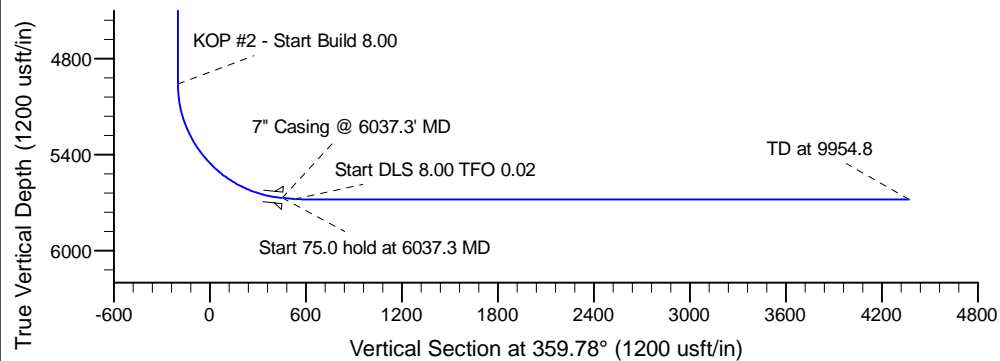
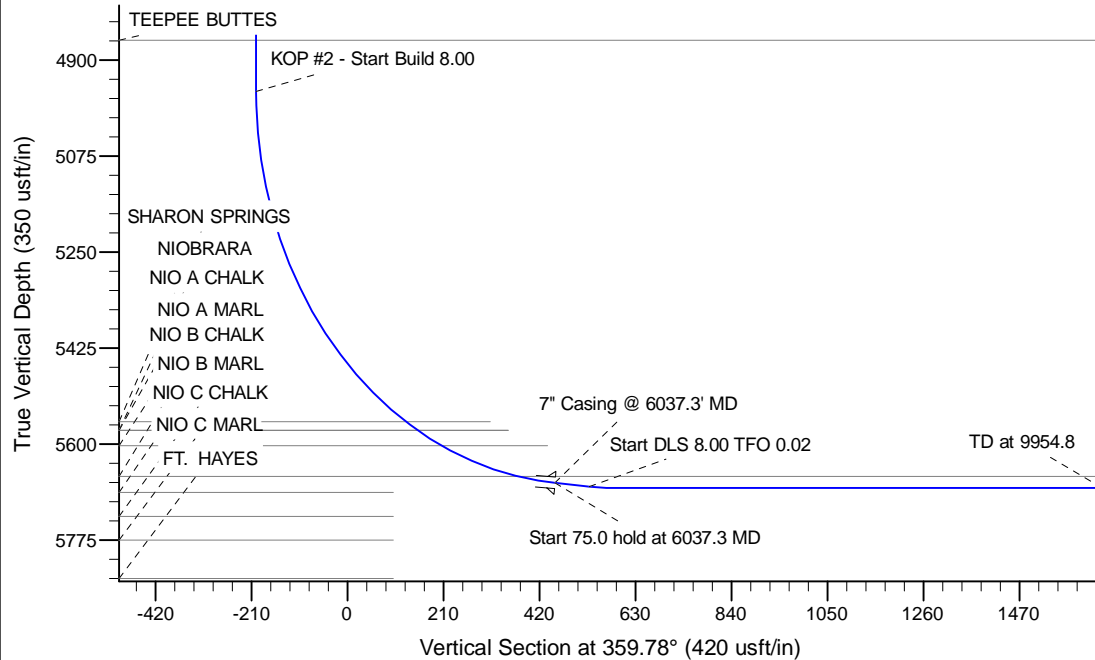
Project: Wattenberg Field  
Site: LD (Sec.23-T09N-R58W) Weld County, CO  
Well: Fiscus Federal LD23-78HN  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2600.8	12.02	163.30	2596.4	-60.1	18.0	2.00	163.30	-60.2	
4	3000.7	12.02	163.30	2987.6	-139.9	42.0	0.00	0.00	-140.0	
5	3601.6	0.00	0.00	3584.0	-200.0	60.0	2.00	180.00	-200.2	
6	4974.8	0.00	0.00	4957.2	-200.0	60.0	0.00	0.00	-200.2	
7	6037.3	85.00	359.04	5670.7	453.7	49.0	8.00	359.04	453.5	
8	6112.3	85.00	359.04	5677.3	528.4	47.8	0.00	0.00	528.2	
9	6174.8	90.00	359.04	5680.0	590.8	46.7	8.00	0.02	590.6	
10	9954.8	90.00	359.04	5680.0	4370.3	-16.5	0.00	0.00	4370.3	Fiscus Federal LD23-78HN BHL 660'FNL, 660'FWL



## WELL DETAILS: Fiscus Federal LD23-78HN

Ground Level: 4779.0			
0.0	0.0	1513225.76	3460511.50
0.0	0.0	1513225.76	3460511.50

Plan: APD - Rev 0 (Fiscus Federal LD23-78HN/Original Drilling)

Created By: Shailey Jewell Date: 12:02, February 11 2013

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

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

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