

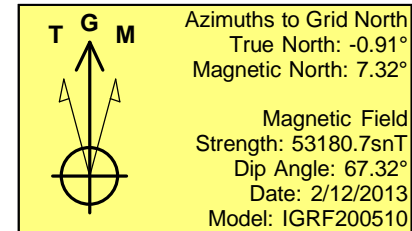
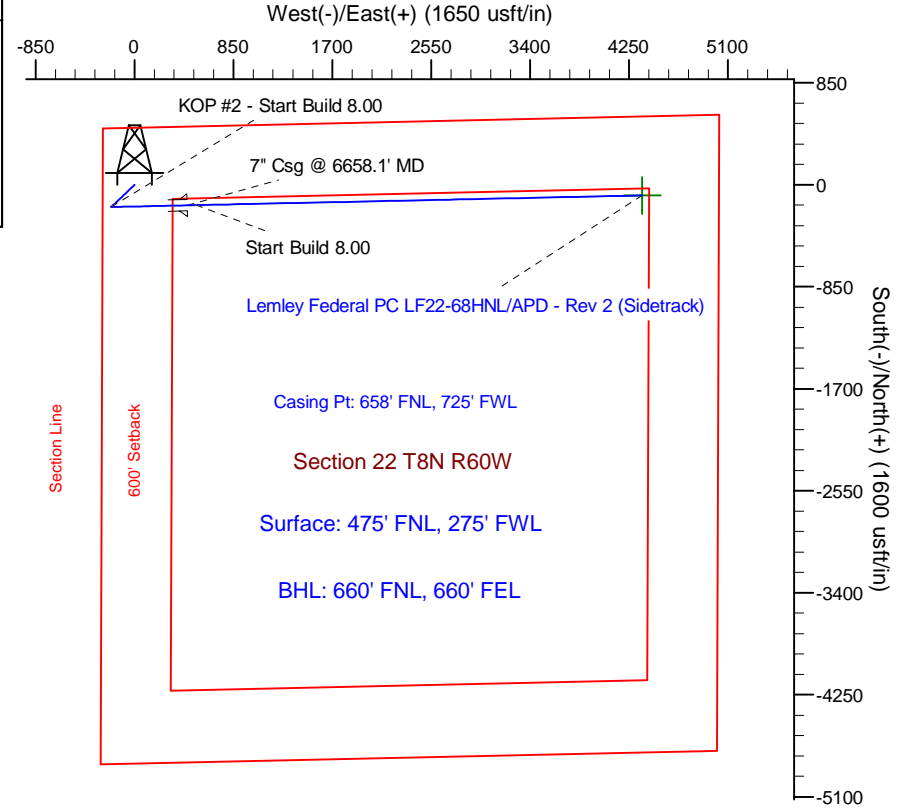
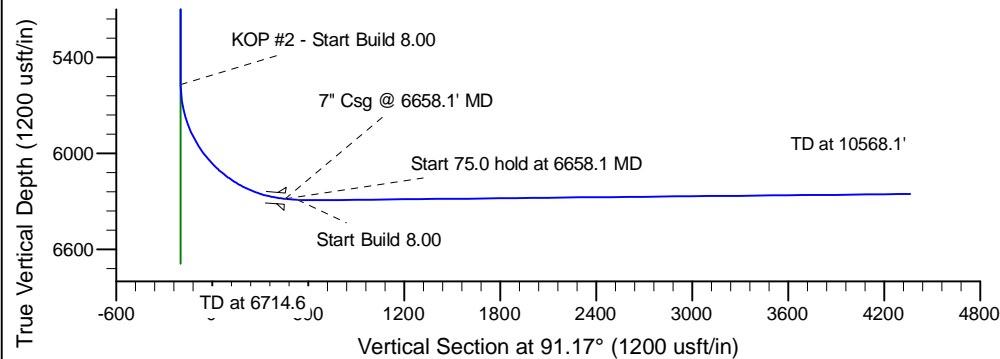
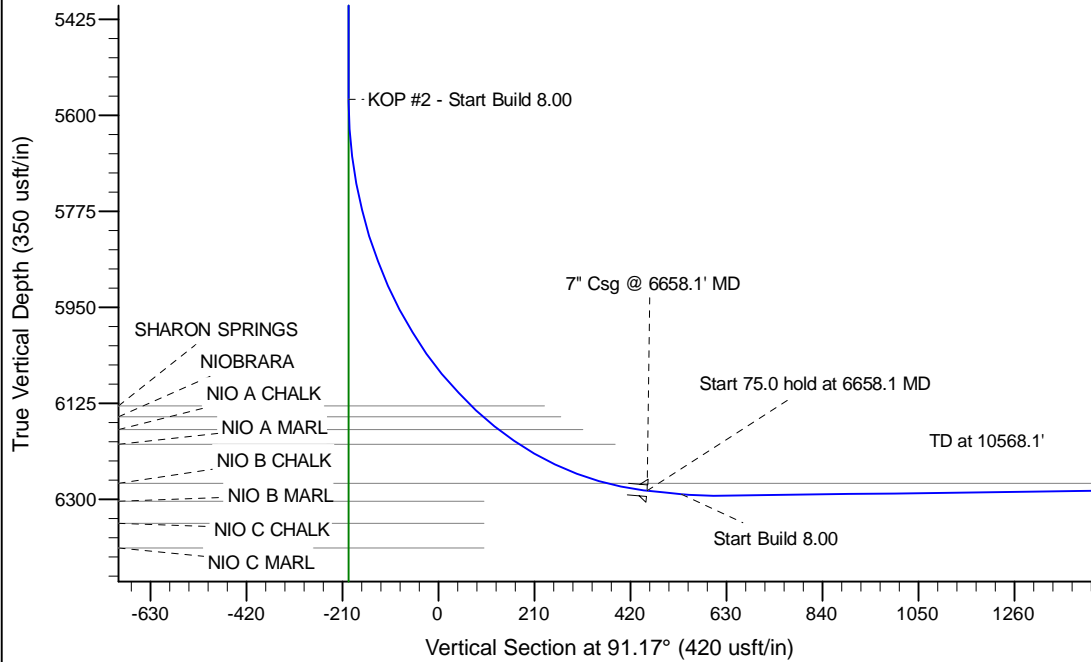
Project: Wattenberg Field  
Site: LF (Sec.22-T08N-R60W) Weld County, CO  
Well: Lemley Federal PC LF22-68HNL  
Wellbore: Original Drilling  
Design: APD - Rev 2 (Sidetrack)

# 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	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2814.0	12.28	227.23	2809.3	-44.5	-48.1	2.00	227.23	-47.2	
4	3478.6	12.28	227.23	3458.7	-140.5	-151.9	0.00	0.00	-149.0	
5	4092.6	0.00	0.00	4068.0	-185.0	-200.0	2.00	180.00	-196.2	
6	5595.6	0.00	0.00	5571.0	-185.0	-200.0	0.00	0.00	-196.2	
7	6658.1	85.00	88.79	6284.5	-171.2	453.6	8.00	88.79	457.0	
8	6733.1	85.00	88.79	6291.0	-169.7	528.3	0.00	0.00	531.7	
9	6803.1	90.60	88.79	6293.7	-168.2	598.2	8.00	0.00	601.5	
10	10568.1	90.60	88.79	6254.3	-88.9	4362.2	0.00	0.00	4363.1	Lemley Federal PC LF22-68HNL BHL 660'FNL, 660'FEL



## WELL DETAILS: Lemley Federal PC LF22-68HNL

Ground Level: 4915.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1484149.23	3392353.45

Plan: APD - Rev 2 (Sidetrack) (Lemley Federal PC LF22-68HNL/Original Drilling)

Created By: Carrie Willers Date: 16:35, March 06 2013  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_