

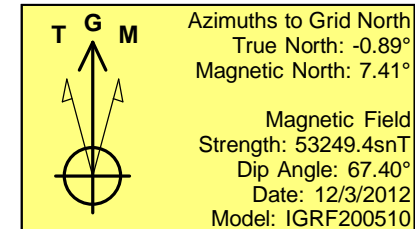
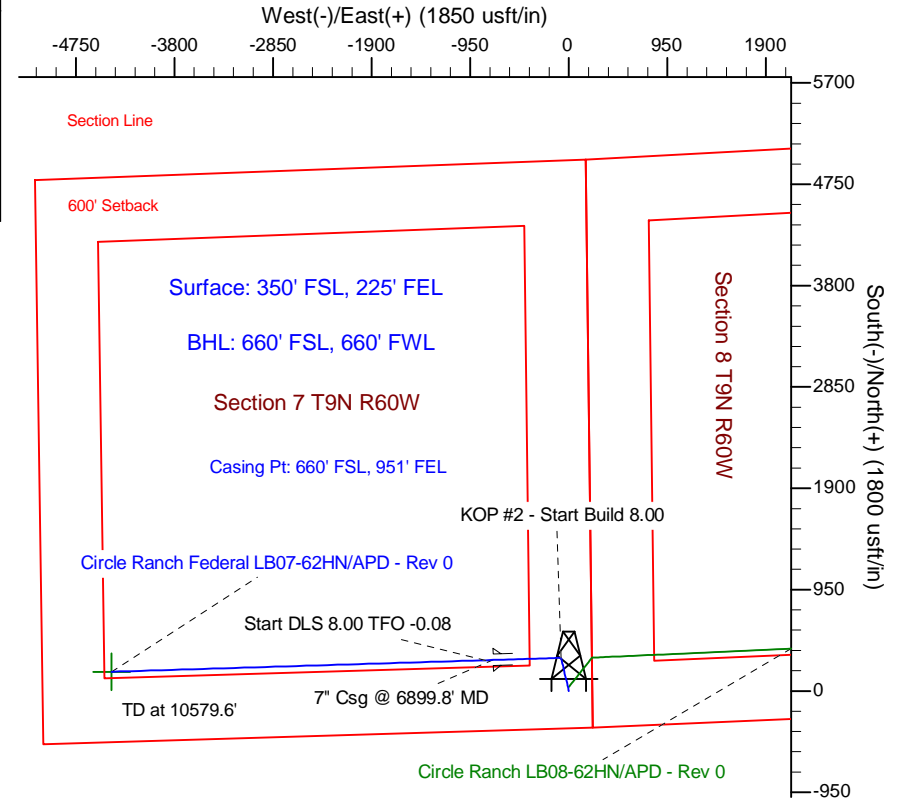
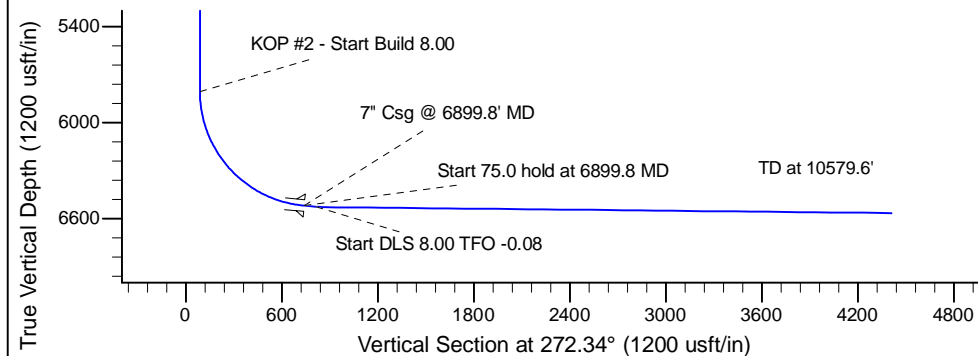
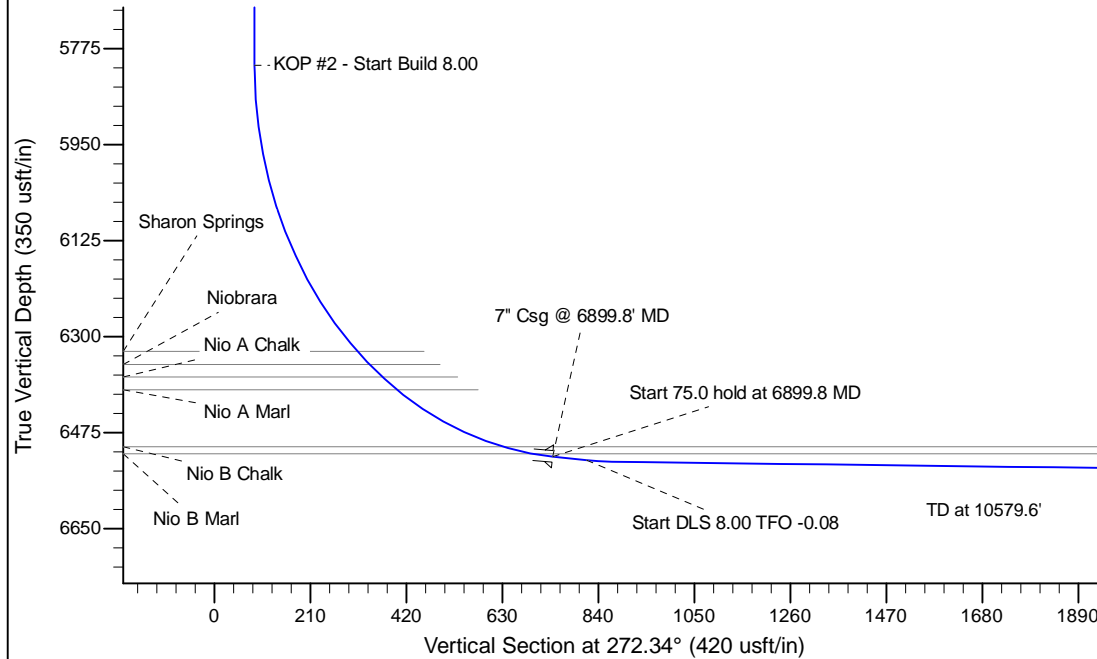
Project: Wattenberg Field  
Site: LB (Sec.7-T09N-R60W) Weld County, CO  
Well: Circle Ranch Federal LB07-62HN  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2719.8	13.00	346.40	2715.4	57.1	-13.8	2.50	346.40	16.1	
4	3616.0	13.00	346.40	3588.6	252.9	-61.2	0.00	0.00	71.5	
5	4135.8	0.00	0.00	4104.0	310.0	-75.0	2.50	180.00	87.6	
6	5837.3	0.00	0.00	5805.5	310.0	-75.0	0.00	0.00	87.6	
7	6899.8	85.00	268.29	6518.9	290.5	-728.5	8.00	268.29	739.8	
8	6974.8	85.00	268.29	6525.5	288.3	-803.2	0.00	0.00	814.3	
9	7029.8	89.40	268.28	6528.1	286.6	-858.1	8.00	-0.08	869.1	
10	10579.6	89.40	268.28	6565.2	180.3	-4406.0	0.00	0.00	4409.7	Circle Ranch Federal LB07-62HN BHL 660'FSL, 660'FW



## WELL DETAILS: Circle Ranch Federal LB07-62HN

Ground Level:	5040.0
Northing	1521734.59
Easting	3380277.77
Latitude	40.757469
Longitude	-104.127308

Plan: APD - Rev 0 (Circle Ranch Federal LB07-62HN/Original Drilling)

Created By: Carrie Willers	Date: 15:59, December 11 2012
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____