

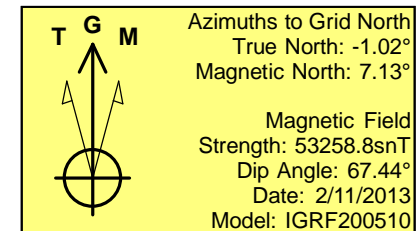
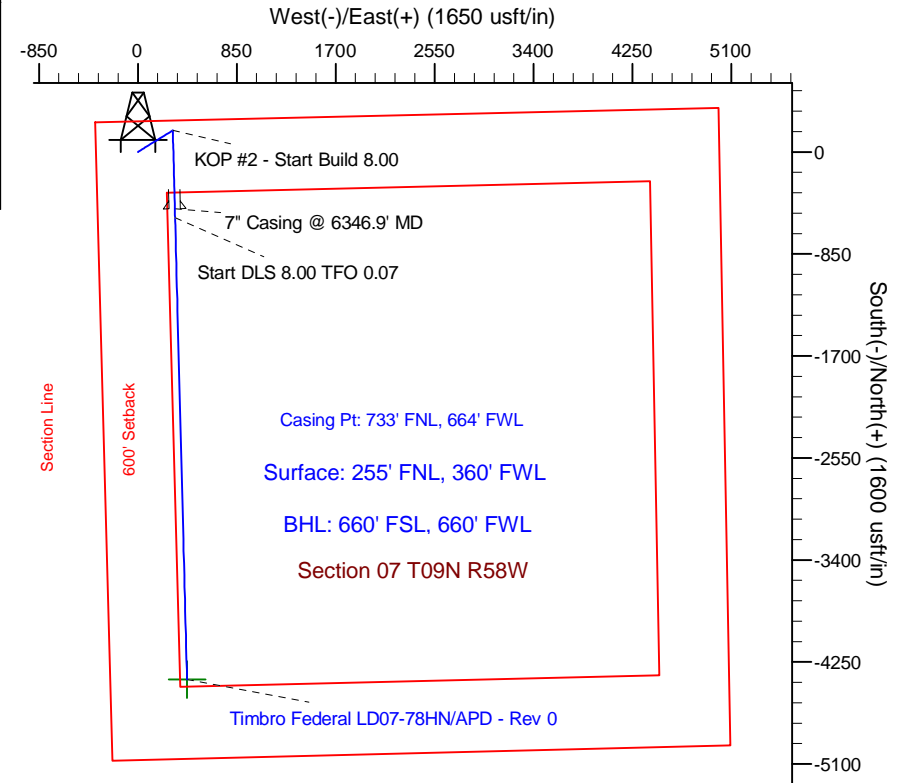
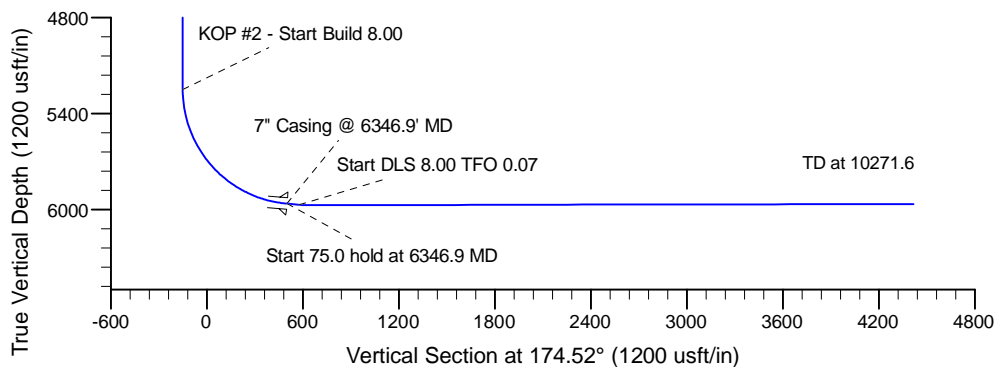
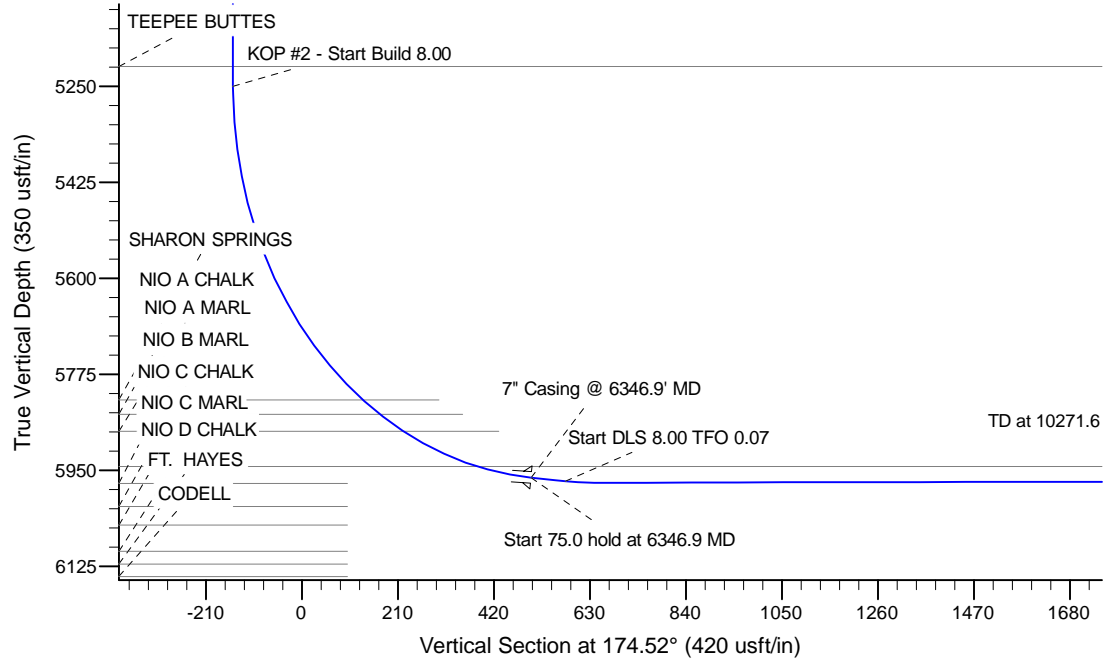
Project: Wattenberg Field
Site: LD (Sec.7-T09N-R58W) Weld County, CO
Well: Timbro Federal LD07-78HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2450.1	13.00	59.04	2444.6	37.8	63.0	2.00	59.04	-31.6	
4	3352.1	13.00	59.04	3323.4	142.2	237.0	0.00	0.00	-118.9	
5	4002.3	0.00	0.00	3968.0	180.0	300.0	2.00	180.00	-150.5	
6	5284.4	0.00	0.00	5250.1	180.0	300.0	0.00	0.00	-150.5	
7	6346.9	85.00	178.47	5963.6	-473.5	317.5	8.00	178.47	501.7	
8	6421.9	85.00	178.47	5970.1	-548.2	319.5	0.00	0.00	576.2	
9	6485.7	90.10	178.48	5972.9	-611.9	321.1	8.00	0.07	639.8	
10	10271.6	90.10	178.48	5966.2	-4396.5	421.8	0.00	0.00	4416.7	Timbro Federal LD07-78HN BHL 660'FSL, 660'FWL



WELL DETAILS: Timbro Federal LD07-78HN

Ground Level: 4854.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1528089.46	3438758.43
		40.772233	-103.915842

Plan: APD - Rev 0 (Timbro Federal LD07-78HN/Original Drilling)

Created By: Shailey Jewell Date: 11:39, February 12 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____