

**Well Information:**

**Well:** Colohan 34-12 (OL34)  
**PBTD:** 1214'  
**TD:** 5710'  
**Tubing:** NA

**Gross Perf Interval:** 3538' - 5496'  
**Surface Csg:** 8 5/8" 24# J55 @ 1537'  
**Production Csg:** 4.5" 11.6# I80 @ 5706'  
**TOC:** surface (CBL)  
**CIBP:** 2050'  
**Cmt Retainer:** 1720' (50 sx cmt)  
**Cmt Retainer:** 1484' (3 sx cmt)

**Objective:**

Plug and Abandon well. Keep a copy of all cement and wireline tickets for State and EnCana  
Notify State at least 48 hours prior to start of operation.

**Procedure:**

- 1 MIRU work over rig and NU BOP.
- 2 Rig up wire line. TIH with perf gun, tag cement top @ 1214'  
Shoot 4 squeeze holes @ 400'
- 3 Depending on injection rate, either RIH with tension packer and tbq & pump 50 sacks cement OR  
RIH with tbq to 450', spot cement (50 sx), POOH with tbq, shut in BOP and pressure up well  
overnight
- 4 RIH and tag new TOC.
- 5 Check for bubbling. If bradenehead pressure/gas still present, call Kirby and Denver.  
(will have to call and discuss with COGCC if squeeze isnt successful)
- 6 If no bubbling/pressure/gas on bradenhead, POOH with tubing. ND BOP
- 7 Cut csg off 4' below ground level. Run 60' - 1" pipe down annular and fill to  
surface with class g cement 15.8# run 60' - 1" pipe into production csg and pump  
class g cement 15.8# to surface
- 8 Weld on 1/4" steel plate with weep hole and marker plate with well information  
Back fill hole.
- 9 Reclaim location

*Call Denver or Kirby with any questions*