

October 22, 2009

9000-7400-32640-02

Adam Reilly, EIT
Completions Engineer
Canadian Foohills Division
EnCana Corporation
P.O. Box 2850
Calgary, AB T2P 2S5

Dear Mr. Reilly:

RE: WATER INJECTIVITY TEST <u>ECA ECOG ETSHO d-C70-J/094-O-08 (WA# 24469); DEBOLT FORMATION</u>

The Commission has reviewed your application, dated October 19, 2009, requesting permission to conduct a temporary injectivity test into the Debolt formation of the subject well.

The subject well was rig released September 2008, but has not yet been completed. The Debolt formation is a candidate for disposal of produced water from shale gas operations in the area. Circumstantial evidence would indicate that this location is prospective for water disposal in the Debolt formation. Testing of this zone, including an injection test, will be required to determine suitability for disposal well operation.

Approval for temporary injectivity testing is hereby granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*, subject to the following conditions:

- 1. The test injection interval must be in the Debolt formation.
- 2. Prior to injection, a production test must be attempted to evaluate hydrocarbon potential.
- 3. The total volume of injected water must not exceed 1200 m³.
- 4. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.

Prior to injection, please contact the undersigned at (250) 419-4430 if any hydrocarbons are encountered when conducting the production test.

Notice of your application for salt water disposal has been posted to the OGC website, with November 12, 2009 as the closing date for any objections to be filed. Final approval will not be issued until well results, in a supplemental application, are reviewed by this office.

Sincerely,

Richard Slocomb, P. Eng.

Supervisor, Reservoir Engineering