February 13, 2008

9000-7400-32640-02

Grant DeFosse Group Lead Production EnCana Oil & Gas 150 - 9th Avenue S.W. P.O. Box 2850 Calgary, Alberta T2P 2S5

Dear Mr. DeFosse:

RE: SALT WATER AND RECOVERED FLUIDS DISPOSAL APPROVAL ECA ECOG ETSHO b-A90-J/94-O-08 (WA# 23605); DEBOLT FORMATION

Commission staff have reviewed your application, dated December 31, 2007, requesting permission to dispose of produced water and completion/workover fluids resulting from "slick water" fracture treatments, into the Debolt formation of the subject well.

Existing well control is limited in this area. Information from the subject well, and the original well b-90-J (WA# 20613), indicate that the Debolt is water saturated and of favoural rock quality for disposal purposes. Recent successful completion operations indicate disposal capacity, which will be confirmed by a dedicated injection test.

We concur that the subject well appears to be a good candidate for salt water disposal in the Debolt formation. Notice of your application was posted on the OGC website, with no objections received.

Attached is Approval 08-02-001 for the application, granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*.

Section 7(1) of the Oil and Gas Waste Regulation under the Environmental Management Act states, in part:

"... the operators of equipment or facilities are authorized to discharge produced water or recovered fluids from a well completion or workover to an underground formation in accordance with section 94 of the Drilling and Production Regulation ..."

Therefore no additional permits are required for subsurface disposal of the proposed fluids.

Should you have any questions, please contact Ron Stefik, at (250) 952-0310.

Sincerely,

Richard Slocomb, P.Eng.

Supervisor, Reservoir Engineering

Resource Conservation

Attachment

APPROVAL 08-02-001

THE PROVINCE OF BRITISH COLUMBIA <u>PETROLEUM AND NATURAL GAS ACT</u> DRILLING AND PRODUCTION REGULATION OIL AND GAS COMMISSION

IN THE MATTER of a scheme of EnCana Oil & Gas (EnCana) for Salt Water and Recovered Fluids Disposal in the Other Areas - Debolt formation in the well ECA ECOG ETSHO b-A90-J/94-O-08 (WA# 23605).

NOW, THEREFORE, pursuant to Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*, the scheme is hereby approved, as such scheme is described in

an application from EnCana to the Commission received December 31, 2007 and related submissions.

- 1. The disposal interval must be in the Debolt formation.
- 2. A record of volume of salt water and recovered fluid disposed of through this well must be included on a Monthly Injection/Disposal Statement, in the prescribed form (BC-S18), which must be submitted to the Oil and Gas Commission not later than the 25th day of the month following the reported month.
- 3. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.
- 4. The Commission must be notified in writing of the date of commencement of disposal.
- 5. This approval may be modified or rescinded if deemed appropriate through a change in circumstances.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 3 day of February 2008.