



April 19, 2002

5500-6200/7400-32640-02  
OGC - 02075

Mark Taylor, P. Eng.  
Group Leader, BC Engineering  
Exploration SBU  
AEC Oil & Gas  
3900, 421 - 7th Avenue S.W.  
Calgary, AB T2P 4K9

Dear Mr. Taylor:

**RE: APPLICATION FOR SALT WATER DISPOSAL**  
**AEC Ladyfern c-5-H/94-H-1, (WA 13607); Belloy and Debolt**

The Commission has reviewed your application dated March 15, 2002 requesting permission to dispose of produced water into the Belloy and Debolt formations of the subject well.

We concur that the well c-5-H/94-H-1 is a good candidate for salt water disposal in the Belloy and Debolt formations. Notice of your application was published in two issues of the BC Gazette. As no written objections were received, your application is approved.

Attached are Approvals 02-02-009 and 02-02-010 for the application granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation* for the Belloy and Debolt formations, respectively. The well is presently completed in the Belloy formation. Please note that an Application to Alter a Well would be required for the Debolt formation.

Sincerely,

Craig Gibson, P. Eng.  
Manager  
Reservoir Engineering and Geology

Attachments

Approval Letters to Industry  
GEP, SWD, CONCURRENT PROD,  
PRESSURE MAINTENANCE,  
WATERFLOOD, ETC.

Copy 9

- Wellfile (originals)
- 59240
- Daily
- Resource Revenue
- S. Chicorelli
- R. Stefik
- G. Farr
- P. Attariwala
- D. Krezanoski

ENGINEERING AND

PO Box 9329 Stn Prov Gov't, Victoria BC V8

Location: 6<sup>th</sup> Flr 1810 Blanshard St. Victoria BC

**APPROVAL 02-02-010**

**THE PROVINCE OF BRITISH COLUMBIA  
PETROLEUM AND NATURAL GAS ACT  
DRILLING AND PRODUCTION REGULATION  
OIL AND GAS COMMISSION**

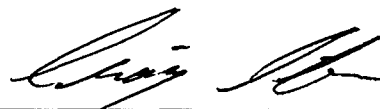
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IN THE MATTER of a scheme of AEC Oil & Gas (AEC) for Salt Water Disposal (SWD) in the Debolt formation in the well AEC Ladyfern c-5-H/94-H-1 (WA 13607).

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

*an application from AEC to the Commission dated March 15, 2002.*

1. The water disposal interval must be in the Debolt formation.
2. A record of volume of salt water 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. This approval may be modified or rescinded if deemed appropriate through a change in circumstances.



Craig Gibson  
Manager  
Reservoir Engineering and Geology  
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 19<sup>th</sup> day of April 2002.

**APPROVAL 02-02-009**

**THE PROVINCE OF BRITISH COLUMBIA  
PETROLEUM AND NATURAL GAS ACT  
DRILLING AND PRODUCTION REGULATION  
OIL AND GAS COMMISSION**

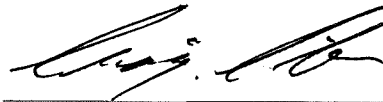
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IN THE MATTER of a scheme of AEC Oil & Gas (AEC) for Salt Water Disposal (SWD) in the Belloy formation in the well AEC Ladyfern c-5-H/94-H-1 (WA 13607).

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

*an application from AEC to the Commission dated March 15, 2002.*

1. The water disposal interval must be in the Belloy formation.
2. A record of volume of salt water 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. This approval may be modified or rescinded if deemed appropriate through a change in circumstances.



Craig Gibson  
Manager  
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Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 19<sup>th</sup> day of April 2002.