

March 10, 2003

3200-8400-32640-02  
OGC - 03063

Robert Whyte  
Reservoir Engineering  
Ft. St. John/Ft. Nelson  
Development & Operations Team  
Petro-Canada Oil and Gas  
P.O. Box 2844  
Calgary, AB T2P 3E3

Dear Mr. Whyte:

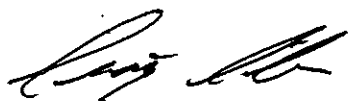
**RE: APPLICATION FOR SALT WATER DISPOSAL**  
**Talisman Clarke c-88-F/94-J-10, (WA# 9474); Slave Point "B" Pool**

The Commission has reviewed your application dated January 27, 2003 requesting disposal of produced water into the Clarke Lake - Slave Point "B" pool of the subject well.

We concur that the well c-88-F/94-J-10 is a good candidate for salt water disposal into the Slave Point "B" pool. Although we recognize that some gas reserves may be risked from this well, availability of another SWD well could add large potential reserves from the area. Notice of your application was published in two issues of the BC Gazette. As no written objections were received, your application is approved as submitted.

Attached is Approval 03-02-002 for the application granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*.

Sincerely,



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

Attachment

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

Copy 9

<input type="checkbox"/>	Wellfile (originals)
<input type="checkbox"/>	59240
<input type="checkbox"/>	Daily
<input type="checkbox"/>	Resource Revenue
<input type="checkbox"/>	S. Chicorelli
<input type="checkbox"/>	R. Stefik
<input type="checkbox"/>	G. Farr
<input type="checkbox"/>	P. Attariwala
<input type="checkbox"/>	D. Krezanoski

**ENGINEERING AND GEOLOGY BRANCH**

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

Headquarters: #200, 10003 110<sup>th</sup> Ave, Fort St. John BC V1J 6M7 Tel: (250) 261-5729 Fax: (250) 261-5744 [www.ogc.gov.bc.ca](http://www.ogc.gov.bc.ca)

**APPROVAL 03-02-002**

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

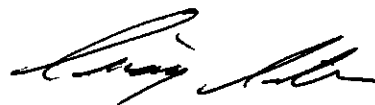
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IN THE MATTER of a scheme of Petro-Canada Oil and Gas (Petro-Canada) for Salt Water Disposal (SWD) in the Clarke Lake Slave Point "B" pool in the well Talisman Clarke c-88-F/94-J-10 (WA# 9474).

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 Petro-Canada to the Commission dated January 27, 2003.*

1. The water disposal interval must be in the Slave Point 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.



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Craig Gibson  
Manager  
Reservoir Engineering and Geology  
Oil and Gas Commission

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DATED AT the City of Victoria, in the Province of British Columbia, this 10<sup>th</sup> day of March 2003.