



July 5, 2004

2400-4798-32640-02
OGC - 04215

Robert Steinborn
Exploitation Engineer
Canadian Natural Resources Limited
Suite 2500, 855 - 2 Street S.W.
Calgary, Alberta T2P 4J8

Dear Mr. Steinborn:

**RE: APPLICATION FOR SALT WATER DISPOSAL
CNRL BUICK d-58-I/94-A-11; UPPER HALFWAY; WA# 3996**

The Commission has reviewed your application, dated May 11, 2004, requesting permission to dispose of produced water into the Buick Creek-Upper Halfway formation of the subject well.

We concur that the subject well appears to be a good candidate for salt water disposal in the Upper Halfway formation. Notice of your application was published in two issues of the BC Gazette with June 24, 2004 being the last date for any valid objections. As no written objections were received, your application is approved.

Attached is Approval 04-02-010 for the application granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*.

Sincerely,

Craig Gibson, P. Eng.
Director
Resource Conservation Branch

Attachment

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

Copy 90

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

RESOURCE CONSERVATION BRANCH

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0301
Location: 6th Flr 1810 Blanshard St, Victoria BC

APPROVAL 04-02-010

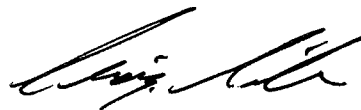
**THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
DRILLING AND PRODUCTION REGULATION
OIL AND GAS COMMISSION**

IN THE MATTER of a scheme of Canadian Natural Resources Limited (CNRL) for Salt Water Disposal (SWD) in the Buick Creek Upper Halfway formation in the well CNRL Buick d-58-I/94-A-11 (WA# 3996).

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 CNRL to the Commission dated May 11, 2004.

1. The water disposal interval must be in the Upper Halfway 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
Director
Resource Conservation Branch
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 5th day of July, 2004.