

Oil and Gas Commission

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

Copy

<input type="checkbox"/>	Wellfile (originals)
<input type="checkbox"/>	59240
<input type="checkbox"/>	Daily
<input type="checkbox"/>	Resource Revenue
<input checked="" type="checkbox"/>	R. Stefik
<input type="checkbox"/>	G. Farr

Email

<input type="checkbox"/>	D. Krezanowski
<input type="checkbox"/>	S. Chicorelli

January 4, 1999

4380-2515-32640-02
OGC990008

Ms. Cassandra Lai
Exploitation Engineer
Canadian Natural Resources Limited
2000, 425 - 1st Street SW
Calgary, AB T2P 3L8

Dear Ms. Lai:

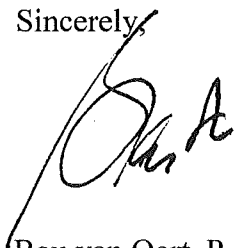
RE: APPLICATION FOR SALT WATER DISPOSAL
CNRES et al N Grizzly b-86-G/93-I-15 (WA# 6379)

This refers to your application dated November 30, 1998 requesting disposal of produced water into the Falher C zone of the subject well.

We concur that the well b-86-G/93-I-15 is a good candidate for salt water disposal in the Falher C zone. 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 99-02-001 for the application granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*.

Sincerely,



Bou van Oort, P. Eng.
Director
Engineering and Geology Branch

Attachment

cc: Petroleum Lands Branch
 Ministry of Energy and Mines

APPROVAL 99-02-001

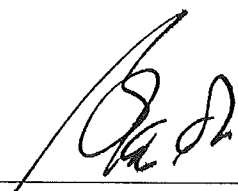
**THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
DRILLING AND PRODUCTION REGULATION
OIL AND GAS COMMISSION**

IN THE MATTER of a scheme of Canadian Natural Resources Limited (CNRL) for Salt Water Disposal (SWD) in the Falher C zone in the well CNRES et al Grizzly b-86-G/93-I-15 (WA# 6379).

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 November 30, 1998.

1. The water disposal interval must be in the Falher C zone.
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.



Bou van Oort, P.Eng.
Director
Engineering and Geology Branch
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 14 day of January, 1999.