



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Parliament Buildings
Victoria
British Columbia
V8V 1X4
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6th Floor, 1810 Blanshard Street, Victoria, British Columbia V8V 1X4

January 30, 1996

WA 441
960107

Ms. Andrea Young-McLaren
Production Technologist
Canadian Natural Resources Limited
2000-425 1st St SW
Calgary AB T2P 3L8

Copies for Approval Letters to Industry (11)	
RE: Salt Water Disposals	Water Disposals
<input type="checkbox"/> D.L. Johnson	<input type="checkbox"/> Resource Revenue
<input type="checkbox"/> Data Mgmt	<input type="checkbox"/> P.S. Attariwala
<input checked="" type="checkbox"/> R. Stefik	<input type="checkbox"/> G. Farr
<input type="checkbox"/> D. Richardson	<input type="checkbox"/> S. Chicorelli
<input type="checkbox"/> Wellfile (originals)	<input type="checkbox"/> Daily
<input type="checkbox"/> 32640-02	<input type="checkbox"/>

Dear Ms. Young-McLaren:

**RE: APPLICATION FOR SALT WATER DISPOSAL
CNRL W. BEATTON D-48-K/94-H-2; WA 441**

This refers to your application dated November 27, 1995, wherein a scheme for salt water disposal in the Halfway Formation of the subject well was requested.

The Approval 96-02-003 is hereby granted under section 116 of the *Petroleum and Natural Gas Act*.

Yours sincerely,

B. van Oort, P. Eng.
Director
Engineering and Operations Branch

Attachment

cc: D.L. Johnson
Manager, Field Office
Fort St. John

Peter Ostergaard
Assistant Deputy Minister
Energy Resources Division

APPROVAL 96-02-003

PETROLEUM AND NATURAL GAS ACT (the "Act")
THE PROVINCE OF BRITISH COLUMBIA
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
ENERGY RESOURCES DIVISION

IN THE MATTER of a scheme of Canadian Natural Resources Limited (the "Operator") for Salt Water Disposal (SWD) in the Halfway Formation in the well CNRL W. Beatton d-48-K/94-H-2.

The Minister of Energy, Mines and Petroleum Resources, pursuant to section 116 of the Act, hereby orders as follows:

1. The SWD scheme of the Operator for disposal of produced water in the Halfway Formation at well d-48-K/94-H-2 as such scheme is described in the application from the Operator to the ministry dated November 27, 1995, is hereby approved, subject to terms and conditions herein contained.
2. The water disposal interval must be in the Halfway Formation.
3. 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, which should be submitted to the Energy Resources Division not later than the 25th day of the month following the reported month.
4. The well head disposal/injection pressure must not exceed the formation fracture pressure.
5. This approval may be modified or rescinded at a later date if deemed appropriate through a change in circumstances.



Bruce McRae, on behalf of the
Minister of Energy, Mines and
Petroleum Resources

DATED AT the City of Victoria, in the Province of British Columbia, this
29 day of January, 1996.