



April 18, 1996

File: 960348

7600-4520-59240-09

CNRL PROJECT (02)

Mr. E.P. (Paul) Vigneau, P. Eng.
Exploitation Engineer
Canadian Natural Resources Limited
2000-425 1st St SW
Calgary, AB T2P 3L8

Dear Mr. Vigneau:

**Re: Application For Pressure Maintenance Approval
Rigel Cecil "D" Pool**

RESCINDED

This refers to your application dated January 29, 1996 wherein you requested approval of a waterflood pressure maintenance scheme in the Rigel Cecil "D" oil pool.

Attached is Approval # 96-09-001 for the application, granted under section 116 of the *Petroleum and Natural Gas Act*.

Yours sincerely,

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

Attachment

APPROVAL 96-09-001

THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
MINISTRY OF EMPLOYMENT AND INVESTMENT
ENERGY AND MINERALS DIVISION

IN THE MATTER of a pressure maintenance scheme of Canadian Natural Resources Limited (CNRL) for waterflood recovery of oil by water injection into the Rigel Cecil "D" Pool.

The Minister of Employment and Investment, pursuant to section 116 of the *Petroleum and Natural Gas Act*, hereby orders as follows:

1. The pressure maintenance scheme of CNRL for waterflood recovery of oil from the Rigel Cecil "D" Pool as such scheme is described in the Application from CNRL to the Ministry dated January 29, 1996, is hereby approved, subject to the terms herein contained.
2. The pressure maintenance scheme area shall be delineated by units 17, 18, 27, 28, 36, 37, 38, 46 and 47 of Block A/94-A-15.
3. The reserves based project oil allowable is 32 m³/d.
4. Water may be injected into the Rigel Cecil "D" Pool through the well c-18-A/94-A-15.
5. The scheme shall be deemed to have commenced upon water being injected into the well referred to in clause 4, with the Division being notified in writing of the date of commencement.
6. The well head injection pressure must not exceed the formation fracture pressure.
7. All associated gas production will be conserved.
8. An oil well may be drilled anywhere within the project area provided that it is not nearer than 100 m to the sides of the project area.
9. Progress reports shall be filed as stipulated in Part 9, section 108 of the British Columbia Drilling and Production Regulation.
10. The operations of the pressure maintenance scheme will be subject to periodic review and modification to the approval may be ordered, if deemed appropriate, by the Director of the Engineering and Operations Branch.



Douglas E. Allen on behalf of the
Minister of Employment and Investment

DATED AT the City of Victoria, in the Province of British Columbia, this 16 day of April, 1996.