



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Approval letters to industry 9

bcc: D.L. Johnson
Resource Revenues
Data Management
S. Foofat
D. Richardson
S. Chicorelli
Wellfile
Daily
FILE

October 6, 1993

930932
WA 5699

Mr. Dennis Miller
Production Manager, Northern District
Norcen Energy Resources Limited
715 - 5th Avenue S.W.
Calgary, Alberta
T2P 2X7

Red Willow River field

Dear Mr. Miller:

RE: APPLICATION FOR COMMINGLED PRODUCTION
COSEKA ET AL THUNDER D-31-H/93-I-15 (WA# 5699)

This letter acknowledges receipt of your application dated August 31, 1993, requesting permission to commingle production from the Nikanassin, Cadomin and Gething formations in the subject well.

We wish to advise that your application is hereby approved (under Part 4, division 5, section 44.1 of the Drilling and Production Regulation) subject to the following conditions:

1. Production from the Nikanassin, Cadomin and Gething formations may be commingled.
2. All gas, condensate and water production from the proposed perforations (2726-3332 m KB) should be allocated to the Dunlevy formation on the BC S-1 and BC S-2 forms.
3. This approval may be modified at a later date if deemed appropriate through a change of circumstance.

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The ministry currently includes the Cadomin and Nikanassin intervals in the Dunlevy pay zone. The Gething has not been recognised as a separate pool due to its as yet unproven productivity. The entire proposed perforation interval (2726-3332 m KB) will therefore continue to be designated as the Dunlevy 'A' gas pool in the Red Willow River field.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Bou van Oort', written in dark ink.

Bou van Oort
Manager, Engineering
Engineering and Operations Branch

SF/mef