



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Approval letters to industry

bcc: D.L. Johnson
Petroleum Revenues
Engineering Systems
S. Foofat ✓ 82
D. Richardson
Wellfile

August 18, 1992

Mr. D.W. Palmer
Vice-President, Development
Norcen Energy Resources Limited
715-5th Avenue S.W.
Calgary, Alberta
T2P 2X7

Dear Mr. Palmer:

**RE: APPLICATION FOR SURFACE DISPOSAL OF PRODUCED WATER FROM
COALBED METHANE GAS WELL; NORCEN ELK A-64-E/82-J-7**

This refers to your application dated July 21, 1992, wherein a scheme for surface disposal of produced water from the coalbed methane well Norcen Elk a-64-E/82-J-7 was requested.

The application has been reviewed by the Ministry of Environment, Lands and Parks and a Letter of Approval granted by them on July 13, 1992, setting out the conditions that must be met for surface disposal of the produced water.

In view of the above, the attached Approval #92-02-004 for surface disposal of produced water is herewith included.

Yours sincerely,

B.E. Hanwell
Director
Engineering and Operations Branch

PSA:nhc

Attachment

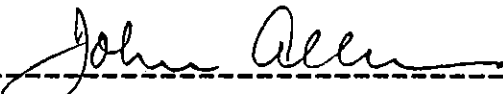
APPROVAL 92-02-004

THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
ENERGY RESOURCES DIVISION

IN THE MATTER of a scheme of Norcen Energy Resources Limited for surface disposal of produced water from the coalbed methane well Norcen Elk a-64-E/82-J-7 (WA 7914).

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

1. The scheme of Norcen Energy Resources Limited (operator) for disposal of produced water from the coalbed methane well a-64-E/82-J-7 to the land surface adjacent to the well site in the Elk Valley as such scheme is described in the application from the operator to the ministry dated July 21, 1992, is hereby approved, subject to the terms and conditions herein contained.
2. Surface water disposal quality must meet with all the conditions set by the Ministry of Environment, Lands and Parks' Letter of Approval of July 13, 1992.
3. Produced water must not be permitted to run over or damage any land, highway or public road.
4. A record of the volumes of surface disposal should be included on a Monthly Water Receipts and Disposal Report. The report should be submitted in duplicate to the Victoria office not later than the 25th day of the month following the reported month.
5. The expiry date of this approval is October 31, 1992.
6. The approval may be modified or rescinded if deemed appropriate through a change in circumstances.



John Allan, on behalf of the
Minister of Energy, Mines and Petroleum Resources

DATED At the City of Victoria, in the Province of British Columbia, this 17 day of August, 1992.