



December 17, 1997

File: 6230-4535-59240-06  
971210

Mr. D. P. Moore, P. Eng.  
Sr. Reservoir Engineer  
NEBC Group  
Numac Energy Inc.  
Energy Plaza  
321 - 6th Avenue SW  
Calgary, AB T2P 3H3

Numac Project (02)

Dear Mr. Moore:

**RE: GOOD ENGINEERING PRACTICE APPROVAL  
MUSKRAT BOUNDARY LAKE "A" POOL**

Attached is a Good Engineering Practice (GEP) scheme approval for the subject pool, as requested in your application of November 27, 1997.

The Approval 97-06-012 is hereby granted under Part 8, Division 6, section 104 of the British Columbia *Drilling and Production Regulation*.

This approval is intended to allow operational flexibility for producing lower GOR wells and allow the drilling of wells without spacing and target considerations for development of a waterflood proposal.

Yours sincerely,

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

Attachment

Copies for Approval Letter to Industry (11)  
RE: GEP, Salt Water Disposals, etc.

- G. Miltenberger
- Data Management
- R. Stefik
- D. Richardson
- P. Attariwala
- G. Farr
- S. Chicorelli
- Resource Revenue
- 59240
- (with file originals)

APPROVAL 97-06-012

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

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IN THE MATTER of a Good Engineering Practice (GEP) scheme of Numac Energy Inc. (Numac) for producing the Muskrat Boundary Lake "A" pool under a pool oil allowable and without well spacing and target restrictions.

NOW, THEREFORE, the Division Head, pursuant to Part 8, Division 6, section 104 of the *Drilling and Production Regulation*, hereby approves the GEP project of Numac for producing with a pool allowable and drilling wells without spacing and target restrictions, as such scheme is described in

*an Application from Numac to the Division dated November 27, 1997 and related submission.*

This project is approved, subject to the conditions herein contained and in particular:

1. The area of the scheme shall consist of sec 13 and 14 Twp 87 Rge 18 W6M.
2. The project oil allowable, being the sum of the individual well allowables, is 68.7 m<sup>3</sup>/d.
3. The requirements of section 9 of the *Drilling and Production Regulation* are hereby waived, provided that oil wells within the scheme area are not completed nearer than 100 m to the sides of the approved area.
4. This approval may be modified or rescinded at a later date if deemed appropriate.



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B. van Oort, on behalf of  
the Division Head  
Energy and Minerals Division

DATED AT the City of Victoria, in the Province of British Columbia, this 17 day of December, 1997.