



OIL AND GAS COMMISSION

June 14, 1999

6230-4805-59240-06
OGC 990377

Mr. H. R. Hooi, MBA, P.Eng.
Senior Reservoir Engineer
Numac Energy Inc.
321 - 6th Avenue SW
Calgary AB T2P 3H3

Numac Project (02)

Dear Mr. Hooi:

**RE: GOOD ENGINEERING PRACTICE APPROVAL
MUSKRAT LOWER HALFWAY "A" POOL**

Attached is a Good Engineering Project (GEP) scheme approval for the subject pool, as requested in your application of May 27, 1999.

The Approval 99-06-004 is hereby granted under Part 8, Division 6, section 101 of the British Columbia *Drilling and Production Regulation*.

This approval is intended to allow operational flexibility for producing lower GOR oil well and to allow the drilling of an additional oil well without spacing and target considerations for maximization of oil recovery. The approved project oil allowable may be increased if a successful oil well is drilled within the pool.

Please note that this approval may be amended if an oil well outside the project area is successfully completed in the subject pool by another operator.

Sincerely

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

Attachment

Approval Letters to Industry
GEP, SWD, CONCURRENT PROD,
PRESSURE MAINTENANCE,
WATERFLOOD, ETC.

Copy

- Wellfile (originals)
- 59240
- Daily
- Resource Revenue
- R. Stefik
- G. Farr

Email

- D. Krezanowski
- S. Chicorelli
- C. Gibson

ENGINEERING AND GEOLOGY BRANCH

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Location: 6th Flr 1810 Blanshard St, Victoria BC

APPROVAL 99-06-004

**THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
DRILLING AND PRODUCTION REGULATION
OIL AND GAS COMMISSION**

IN THE MATTER of a Good Engineering Practice (GEP) scheme of Numac Energy Inc. (Numac) for producing Muskrat Lower Halfway "A" oil pool under a project allowable.

NOW, THEREFORE, the Oil and Gas Commission (Commission), pursuant to Part 8, Division 6, Section 101 of the *Drilling and Production Regulation*, hereby approves the GEP scheme of Numac as such scheme is described in

an Application from Numac to the Commission dated May 27, 1999.

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

1. The area of the project shall consist of sec 13-87-18 W6M.
2. The project oil allowable, being the sum of individual well allowables, is 42.3 m3/d.
3. All produced gas must be conserved.
4. 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.
5. This approval may be modified or rescinded at a later date if deemed appropriate.



Bou van Oort
Director
Engineering and Geology Branch

DATED AT the City of Victoria, in the Province of British Columbia, this 4 day of June 1999.