



April 13, 2004

6230-4535-59240-09  
OGC - 04134

Sara Whelen, C.E.T.  
NE BC Exploitation Department  
Devon Canada Corporation  
Home Oil Tower  
1600, 324 - 8<sup>th</sup> Avenue S.W.  
Calgary, AB T2P 2Z5

*Devon Project(03)*

Dear Ms. Whelen:

**RE: PRESSURE MAINTENANCE APPROVAL AMENDMENT #1**  
**MUSKRAT BOUNDARY LAKE "A" POOL**

Attached is a waterflood pressure maintenance scheme approval amendment for the subject pool, as requested in your application dated April 2, 2004.

The Approval 01-09-005 (Amendment #1) for the application is granted under Section 100 of the Petroleum and Natural Gas Act.

The project area has been enlarged to include the recently drilled oil well 10-12-87-18 W6M (bottom-hole location 16-12); WA 16435.

Sincerely,

Craig Gibson, P. Eng.  
Director  
Resource Conservation Branch

Attachment

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

Copy 9

- Wellfile (originals)
- 59240
- Daily
- Resource Revenue
- S. Chicorelli
- R. Stefik
- G. Farr
- P. Attariwala
- D. Krezanoski

**RESOURCE CONSERVATION BRANCH**

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**APPROVAL 01-09-005 (AMENDMENT #1)**

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

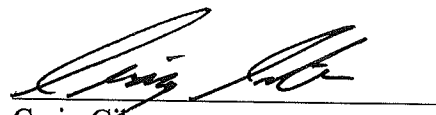
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IN THE MATTER of a pressure maintenance scheme of Devon Canada Corporation (Devon) for recovery of oil by water injection in the Muskrat Boundary Lake "A" Pool.

NOW THEREFORE, the Commission, pursuant to Section 100 of the Petroleum and Natural Gas Act, R.S.B.C. 1996, c.361 orders as follows:

The pressure maintenance scheme of Devon for recovery of oil by waterflooding the Muskrat Boundary Lake "A" Pool as described in the application from Devon to the Commission dated November 22, 2001 and April 2, 2004 is hereby amended, subject to the following terms:

1. The project area of the pressure maintenance scheme consists of NE/4 sec 12, sec 13 and sec 14-87-18 W6M.
2. The reserves based project daily oil allowable is 156.0 m<sup>3</sup>.
3. Water may be injected into the Muskrat Boundary Lake "A" pool through the wells A7-14 (bottom hole location 11-14) and 3-13-87-18 W6M.
4. All associated produced gas must be conserved.
5. The injection pressure measured at the sandface must not exceed the formation fracture pressure.
6. An oil well may be completed anywhere within the project area provided that it is not nearer than 100 m to the sides of the project area.
7. Progress reports shall be filed as stipulated in Section 8 of the *Petroleum and Natural Gas General Regulation*.
8. The operations of the pressure maintenance scheme will be subject to periodic review and modification to the approval may be ordered, if deemed appropriate.

  
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Craig Gibson  
Director  
Resource Conservation Branch

DATED AT the City of Victoria, in the Province of British Columbia, this 13<sup>th</sup> day of April 2004.