



January 27, 2005

6230-4535-59240-09  
OGC - 05028

Sara Whelen, C.E.T.  
NE BC Exploitation Department  
Devon Canada Corporation  
2000, 400 - 3rd Avenue S.W.  
Calgary, AB T2P 4H2

*Devon Project (03)*

Dear Ms. Whelen:

**RE: PRESSURE MAINTENANCE APPROVAL AMENDMENT #2**  
**MUSKRAT BOUNDARY LAKE "A" POOL**

Attached is a waterflood pressure maintenance scheme approval amendment for the subject pool, as requested in your application dated January 12, 2005.

The Approval 01-09-005 (Amendment #2) for the application is granted under Section 100 of the Petroleum and Natural Gas Act.

The project area has been enlarged to include the NE/4 of section 15-15-87-18, based on revised mapping resulting from the recently drilled oil well Devon ARL et al HZ Muskrat 12-14-87-18 (bottom-hole location 15-15-87-18 W6M); WA 18534. The OGC is encouraged that recent indications of waterflood response will result in significant secondary oil recovery.

Should you have any questions, please contact Ron Stefik at (250) 952-0310.

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
R. Slocomb
D Krezanoski

**RESOURCE CONSERVATION BRANCH**

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0301  
Location: 6<sup>th</sup> Flr 1810 Blanshard St, Victoria BC

**APPROVAL 01-09-005 (AMENDMENT #2)**

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

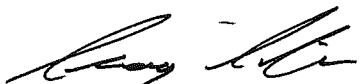
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IN THE MATTER of a pressure maintenance scheme of Devon Canada Corporation (Devon) for recovery of oil by water injection in the Muskrat Boundary Lake "A" Pool.

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, April 2, 2004 and January 12, 2005 is hereby amended, subject to the following terms:

1. The project area of the pressure maintenance scheme consists of:  
Twp 87 Rge 18 W6M - NE/4 sect 12, sect 13, 14 and NE/4 sect 15.
2. The project daily oil allowable is 166.0 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.



Craig Gibson  
Director  
Resource Conservation Branch

DATED AT the City of Victoria, in the Province of British Columbia, this 27<sup>th</sup> day of January 2005.