



January 28, 2002

3440-6250-59240-09
OGC - 02018

Sara A. Michalski
Technologist, Exploitation Department
Devon Canada Corporation
1600, 324 - 8th Ave SW
Calgary, AB T2P 2Z5

Home East Eagle Unit #1 (02)

Dear Ms. Michalski:

**Re: WATERFLOOD PRESSURE MAINTENANCE APPROVAL, AMENDMENT #7
EAGLE, BELLOY-KISKATINAW POOL**

The Commission has reviewed your application dated January 22, 2002 requesting amendment to the waterflood pressure maintenance approval for the subject pool.

Attached is Approval 85-09-001 (Amendment #7) for the application, granted under Section 100 of the Petroleum and Natural Gas Act.

The conversion of two additional wells, bottom-hole locations 9-21 and 8-35-84-18 W6M, to water injection service should increase the pool ultimate oil recovery.

Sincerely,

Craig Gibson, P. Eng.
Manager
Reservoir Engineering and Geology

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

ENGINEERING AND GEOLOGY BRANCH

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Location: 6th Flr 1810 Blanshard St. Victoria BC

APPROVAL 85-09-001 (AMENDMENT #7)

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

IN THE MATTER of a pressure maintenance scheme of Devon Canada Corporation (Devon) for waterflood recovery of oil by water injection into the Eagle Belloy-Kiskatinaw Pool.

The approval granted pursuant to Section 100 of the Petroleum and Natural Gas Act, R.S.B.C. 1996, c.361 is hereby amended as follows:

The pressure maintenance scheme of Devon for waterflood recovery of oil from the Eagle Belloy-Kiskatinaw Pool as described in the application dated October 16, 1985, May 5, 1986, April 3, 1987, February 9, 1990, September 21, 1998, February 8, 2000 and January 22, 2002 is hereby amended, subject to the terms herein contained:

1. The project area of the pressure maintenance scheme consists of sec 14, E/2 sec 15, NE/4 sec 21, sec 22, SW/4 & N/2 sec 23, sec 25, sec 26, sec 27, SE/4 sec 28, sec 34, sec 35 and W/2 sec 36 of Twp 84 Rge 18 W6M.
2. The reserves based project daily oil allowable is 672.5 m³.
3. The gas-oil ratio adjustment factor for allowable production is based on a "c" value of 350.
4. Water may be injected into the Eagle Belloy-Kiskatinaw pool through the wells located at 15-21 (bottom-hole 9-21), 4-22, 15-22, 7-23 (bottom-hole 10-23), 11-25, 15-25, 2-26, 10-26 (bottom-hole 9-26), 13-26, 8-27, 16-27 and A7-35 (bottom-hole 8-35) -84-18 W6M.
5. 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.
6. All associated produced gas must be conserved.
7. The injection pressure measured at the sandface must not exceed the formation fracture pressure.
8. Progress reports shall be filed as stipulated in Section 8 of the *Petroleum and Natural Gas General Regulation*.
9. 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
Manager
Reservoir Engineering and Geology

DATED AT the City of Victoria, in the Province of British Columbia, this 28th day of January 2002.