



January 18, 2005

3440-6250-59240-09  
OGC - 05016

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

Home East Eagle Unit #1 (02)

Dear Ms. Whelen:

**Re: WATERFLOOD PRESSURE MAINTENANCE APPROVAL, AMENDMENT #8  
EAGLE FIELD BELLOY-KISKATINAW POOL**

The Commission has reviewed your application dated January 10, 2005 requesting amendment to the waterflood pressure maintenance approval for the subject pool, specifically, modifying the approved injectors.

The conversion of the well 04-35-84-18 W6M (WA# 11329) to water injection service should increase the pool ultimate oil recovery.

Attached is Approval 85-09-001 (Amendment #8) for the application, granted under Section 100 of the Petroleum and Natural Gas Act.

The request for injection service for the well 13-26-84-18 W6M (WA# 5662) was granted in Amendment #5 (dated February 7, 2000), following application by the operator. As requested, this location has now been removed from the approval.

The inclusion of a well at 4-22 in Amendment #7 (January 28, 2002) was a typographic error, the correct location being 14-22-84-18 W6M (WA# 4494). We apologize for any inconvenience this may have caused.

All other conditions of the previous approval remain unchanged. 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 85-09-001 (AMENDMENT #8)

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

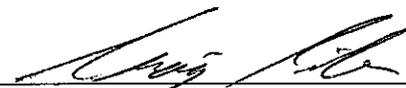
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IN THE MATTER of a pressure maintenance scheme of Devon Canada Corporation (Devon) for waterflood recovery of oil by water injection into the Eagle Belloy-Kiskatinaw Pool.

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, January 22, 2002 and January 10, 2005 is hereby amended, subject to the terms herein contained:

1. The project area of the pressure maintenance scheme consists of:  
Twp 84 Rge 18 W6M - Sections 14, E/2 15, NE/4 21, 22, SW/4 & N/2 23, 25, 26, 27, SE/4 28, 34, 35 and W/2 36.
2. The reserves based project daily oil allowable is 672.5 m<sup>3</sup>.
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), 14-22, 15-22, 7-23 (bottom-hole 10-23), 11-25, 15-25, 2-26, 10-26 (bottom-hole 9-26), 8-27, 16-27, 4-35 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  
Director  
Resource Conservation Branch

DATED AT the City of Victoria, in the Province of British Columbia, this 16<sup>th</sup> day of January 2005.