

April 14, 2004

8100-6200-59240-09 OGC - 04138

Christine Wennekers
Exploitation Engineer, NorthEast B.C.
Devon Canada Corporation
1600, 324 - 8th Ave SW
Calgary, AB T2P 2Z5

Anderson Project (05)

Dear Ms. Wennekers:

Re: WATERFLOOD PRESSURE MAINTENANCE APPROVAL, AMENDMENT #5
STODDART WEST - BELLOY "C" POOL

The Commission has reviewed your application dated April 1, 2004 requesting that the waterflood pressure maintenance approval for the subject pool be amended. Specifically, you request that the well 3-34-85-20 W6M (WA 12249) be removed as an injector.

Based on a review of the production/injection performance, we concur that the water injectivity in the well was extremely poor. Consequently, it is appropriate to remove the well from water injection service.

Attached is Approval 91-09-001 (Amendment #5) for the application, granted under Section 100 of the Petroleum and Natural Gas Act.

Craig Gibson, P. Eng.
Director
Resource Conservation Branch
Attachment

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RESOURCE CONSERVATION BRANCH

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APPROVAL 91-09-001 (AMENDMENT #5)

THE PROVINCE OF BRITISH COLUMBIA <u>PETROLEUM AND NATURAL GAS ACT</u> 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 a portion of the Stoddart West Belloy "C" Pool.

The approval granted pursuant to Section 100 (previously Section 116) of the <u>Petroleum and Natural Gas Act</u>, R.S.B.C. 1996, c.361 is hereby amended as follows:

The pressure maintenance scheme for waterflood recovery of oil from the Stoddart West Belloy "C" Pool as described in the applications dated March 11, 1991, November 25, 1996, July 26, 1999, March 6, 2000, February 26, 2002 and April 1, 2004 is hereby amended, subject to the terms herein contained:

- 1. The project area of the pressure maintenance scheme consists of E/2 sec 21, SW/4 & N/2 sec 22, NW/4 sec 23, sec 27, E/2 sec 28, NE/4 sec 32, sec 33 and sec 34 of Twp 85 Rge 20 W6M, sec 3, sec 4, SW/4 & E/2 sec 5, and sec 9 of Twp 86 Rge 20 W6M.
- 2. The project daily oil allowable, being the sum of the individual well allowables, is 580.0 m³.
- 3. Water may be injected into the Stoddart West Belloy "C" pool through the wells located at 14-22, A16-22 (bottom-hole location 14-22), 6-27 (bottom-hole location 2-27) and 14-33 -85-20 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 drilled 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 / day of April, 2004.