



April 13, 2000

3440-6250-59240-09
OGC - 000121

Mr. Barry Bowden, P.Eng.
Exploitation Engineer
Anderson Exploration Ltd.
1600, 324 - 8th Ave SW
Calgary, AB T2P 2Z5

Home East Engle (02)

Dear Mr. Bowden:

**Re: WATERFLOOD PRESSURE MAINTENANCE APPROVAL, AMENDMENT #6
EAGLE, BELLOY-KISKATINAW POOL**

The Commission has reviewed your application dated March 23, 2000 requesting amendments to the waterflood pressure maintenance approval for the subject pool.

Attached is Approval 85-09-001 (Amendment #6) for the application, granted under Section 100 of the Petroleum and Natural Gas Act. Wells outside of the project area remain constrained by their individual well daily allowables.

The project area has been enlarged to include non-unitized 100% Anderson Exploration Ltd. lands in the Belloy-Kiskatinaw zones. Also, the base GOR has been increased to 350 m³/m³ in order to maximize production. This should aid in oil recovery from the pool.

Sincerely,

B. van Oort, P. Eng.
Director
Engineering and Geology Branch

Attachment

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

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- | | |
|--------------------------|----------------------|
| <input type="checkbox"/> | Wellfile (originals) |
| <input type="checkbox"/> | 59240 |
| <input type="checkbox"/> | Daily |
| <input type="checkbox"/> | Resource Revenue |
| <input type="checkbox"/> | S. Chicorelli |
| <input type="checkbox"/> | R. Stefik |
| <input type="checkbox"/> | G. Farr |
| <input type="checkbox"/> | P. Attariwala |
| <input type="checkbox"/> | C. Gibson |
| <input type="checkbox"/> | D. Krezanoski |

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APPROVAL 85-09-001 (AMENDMENT #6)

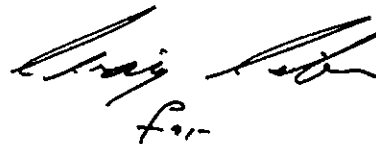
THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
OIL AND GAS COMMISSION

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

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

The pressure maintenance scheme of Anderson for waterflood recovery of oil from the Eagle Belloy-Kiskatinaw Pool as described in the application dated October 16, 1985 and modified May 5, 1986, April 3, 1987, February 9, 1990, September 21, 1998 and February 8, 2000 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 14-22, 15-22, 7-23 (bottom-hole location 10-23), 11-25, 15-25, 2-26, 10-26 (bottom-hole location 9-26), 13-26, 8-27 and 16-27-84-18 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.



Bou van Oort
Director
Engineering and Geology Branch

DATED AT the City of Victoria, in the Province of British Columbia, this 13th day of April, 2000.