

July 3, 2001

740-8580-59240-15 OGC - 01137

Mr. M.R. Binnion President, Chief Executive Officer Questerre Energy Corporation 1580 Guinness House 727 Seventh Avenue SW Calgary AB T2P 0Z5

Experimental Questerre project (05)

Dear Mr. Binnion:

RE: APPLICATION FOR EXPERIMENTAL SCHEME BEAVER RIVER NAHANNI "A" POOL

The Commission has reviewed your application dated May 10, 2001 requesting approval of a new experimental scheme for "dewatering" of the aquifer with concurrent gas production from the subject pool.

Attached is Approval 01-15-005 for the application granted under section 100 of the <u>Petroleum and Natural Gas Act</u>. The scheme is considered experimental as it involves a potentially long dewatering period with unknown gas flow rates. Approval allows testing of the dewatering production plan within an individual compartment of the pool.

In accordance with section 57 of the D & P Regulation all well reports and well data within the scheme area will be held confidential for a period of 3 years.

Approval 99-15-001 granted to Wascana Energy Inc. on June 18, 1999 for the pool is hereby rescinded.

Sincerely,

Craig Gibson, P. Eng.

Manager

Reservoir Engineering and Geology

Attachment

cc: Resource Revenue Branch
Ministry of Provincial Revenue

Petroleum Lands Branch Ministry of Energy and Mines

Approval Letters to Industry GEP, SWD, CONCURRENT PROD, PRESSURE MAINTENANCE, WATERFLOOD, ETC.
Wellfile (originals)
59240 (originals)
Daily
Resource Revenue
O. Unicorelli
R. Stefik
G. Farr
P. Attariwala
D. Krezanoski

APPROVAL 01-15-005

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

IN THE MATTER of the experimental scheme of Questerre Energy Corporation (Questerre), for "dewatering" of the aquifer with concurrent gas production from the Beaver River Nahanni "A" pool.

The Commission, pursuant to section 100 of the *Petroleum and Natural Gas Act*, R.S.B.C. 1996, c.361 orders as follows:

- 1. The experimental scheme for dewatering with concurrent gas production from the Beaver River Nahanni "A" pool as described in the application from Questerre to the Commission dated May 10, 2001 is hereby approved, subject to terms and conditions herein contained.
- 2. The area of the experimental scheme consists of

94-N-16: Block E, unit 91

Block F, units 98-100

Block J, units 80, 90, 100

Block K, units 8-10, 16-20, 26-30, 34-39, 44-49, 52-57, 62-67, 71-77, 81-87, 91-95

Block L, units 1, 11, 21

95-C-1: Block B, fractional unit 10

Block C, fractional units 1, 2, 3, 4, and 5.

- 3. Within 60 days after the end of each 6-month period, a report of the progress, performance and efficiency of the scheme during that period must be filed. The following information must be included in the progress report:
 - The daily average rate of gas and water production during each month for each producing well, and for the scheme as a whole:
 - The monthly cumulative gas and water production for each producing well, and for the scheme as a whole;
 - The date and type of any well treatment or workover for any well in the scheme;
 - Any other interpretative information that is considered necessary, in the opinion of the Commission, to evaluate the progress, performance and efficiency of the scheme.
- 4. All produced water from the scheme area will be disposed of into an underground formation.
- 5. A gas well may be drilled anywhere within the scheme area provided that it is not nearer than 250 m to the sides of the scheme area.
- 6. All information and analysis related to the scheme shall be made available to the Commission upon request.
- 7. The approval or any condition of it may be modified or rescinded at a later date if deemed appropriate.

Craig Gibson, Manager ·

Reservoir Engineering and Geology

Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this day of July 2001.