



October 3, 2001

4470-8200-59240-06
OGC 01182
AEC Project (02)

Brad Loeppky, C.E.T.
Senior Engineering Technologist
North West Business Unit
AEC Oil & Gas
3700, 707 – 8th Avenue S.W.
Calgary AB T2P 1H5

Dear Mr. Loeppky:

**RE: GOOD ENGINEERING PRACTICE APPROVAL, AMENDMENT #1
GUNNELL CREEK JEAN MARIE "A" POOL**

Attached is a Good Engineering Project (GEP) scheme approval amendment for the subject pool, as requested in your application of August 16, 2001.

The Approval 98-06-003 (Amendment #1) is hereby granted under Part 8, Division 6, section 101 of the British Columbia *Drilling and Production Regulation*. The amendment enlarges the approval area, all other conditions remain unchanged.

This approval is intended to allow operational flexibility and to allow the drilling of additional gas wells without spacing and target considerations for maximization of gas recovery.

Sincerely,

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

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

Attachment

ENGINEERING AND GEOLOGY BRANCH

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0291
Location: 6th Flr 1810 Blanshard St, Victoria BC

Headquarters: #200, 10003 110th Ave, Fort St. John BC V1J 6M7 Tel: (250) 261-5729 Fax: (250) 261-5744
www.ogc.gov.bc.ca

APPROVAL 98-06-003 (Amendment #1)

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

IN THE MATTER of a Good Engineering Practice (GEP) scheme of AEC Oil and Gas (AEC) for producing the Gunnell Creek field Jean Marie "A" gas pool without well spacing and target restrictions.

NOW, THEREFORE, the Commission, pursuant to Part 8, Division 6, section 101 of the *Drilling and Production Regulation*, hereby approves an amendment to the GEP scheme for drilling wells without spacing and target restrictions, as such scheme is described in

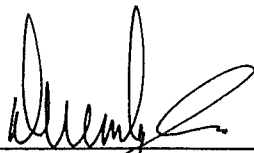
an Application to the Commission dated April 13, 1998 and August 16, 2001.

This scheme is approved, subject to the conditions herein contained and in particular:

1. The area of the scheme shall consist of:

- 94-I-13: Block C – units 12-19, 22-29, 32-37, 42-47, 52-57, 62-67, 72-77, 82-87, 92-97
Block F – units 2-7, 12-17, 22-27, 32-37, 42-47, 54-57, 64-67, 72-77, 82-87, 91-97
Block G – units 12-19, 22-29, 32-39, 42-49, 54-59, 64-69, 74-79, 84-89, 94-100
Block J – units 4-10, 12-20, 22-30, 32-40, 42-50, 52-60, 62-70, 72-80, 82-90, 94-100
Block K – units 1-7, 11-15, 21-25, 31-35, 41-45, 51-55, 61-65, 71-75, 81-85, 91-95
- 94-P-4: Block B - units 4-10, 14-20, 24-30, 34-40, 44-50, 52-60, 62-70, 72-80, 82-90, 92-100
Block C - units 1-5, 11-15, 21-25, 31-35, 41-45, 51-57, 61-67, 71-77, 81-87, 91-97
Block F - units 1-7, 11-17, 21-27, 31-37, 41-47, 51-57, 61-67, 71-77, 81-87, 91-97
Block G - units 2-10, 20, 30, 34-40, 44-50, 54-60, 64-70, 78-80, 88-90, 98-100
Block J - units 8-10, 20, 30, 36-40, 46-50, 60, 70, 76-80, 86-90
Block K - units 1-7, 11-17, 21-27, 31-33, 36, 37, 41-43, 46, 47, 51-53, 61-63, 71-77, 81-87

2. The requirements of section 10 of the *Drilling and Production Regulation* are hereby waived, provided that gas wells within the scheme area are not completed nearer than 250 m to the sides of the approved area.
3. The gas wells within the project area may be produced without individual well allowable restrictions.
4. This approval may be modified or rescinded at a later date if deemed appropriate.


Derek Doyle
Commissioner
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 3rd day of October, 2001.