



OIL AND GAS COMMISSION

January 26, 2004

4720-8200-59240-06

OGC - 04022

Kelvin Hunter
Exploitation Engineer
Canadian Natural Resources Limited
2500, 855 - 2nd Street S.W.
Calgary AB T2P 4J8

CNRL Project #3 (04)

CNRL Project #4 (05)

Dear Mr. Hunter:

RE: GOOD ENGINEERING PRACTICE APPROVALS
HELMET NORTH - JEAN MARIE "A" POOL

Attached are two Good Engineering Project (GEP) scheme approvals, as requested in your application of December 1, 2003 entitled "CNRL Peggo Jean Marie A".

Based on Commission geologic mapping, the areas of application, concerning two separate land blocks, are within portions of the Helmet North - Jean Marie "A" non-associated gas pool.

The Approvals 04-06-003 (CNRL Project #3) and 04-06-004 (CNRL Project #4) are hereby granted under Part 8, Division 6, Section 101 of the British Columbia *Drilling and Production Regulation*.

These approvals are intended to allow operational flexibility and to allow the drilling and production of horizontal gas wells without spacing and target considerations for maximization of gas recovery.

It is noted that the GEP approval area includes several Drilling Licences. Please note that Petroleum and Natural Gas Lease selection must be made prior to production.

Sincerely,

Craig Gibson, P. Eng.
Director
Resource Conservation Branch

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

Attachments

RESOURCE CONSERVATION BRANCH

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0301
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 04-06-003

**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 Canadian Natural Resources Limited (CNRL) for producing a portion of the Helmet North Jean Marie "A" pool gas without well spacing, target and production restrictions.

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

an Application from CNRL to the Commission dated December 1, 2003.

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

1. The area of the project shall consist of:

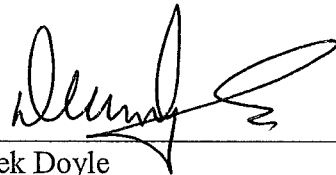
94-P-7: Block H - units 31-33, 41-43, 51-53, 61-63, 71-73, 81-83

94-P-8: Block E – units 40, 50, 60, 70, 80, 90.

2. The requirements of Section 10 of the *Drilling and Production Regulation* are hereby waived, provided that gas wells within the project area are not completed nearer than 250 m to the sides of the approved project 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 Fort St. John, in the Province of British Columbia, this 21 day of January 2004.

APPROVAL 04-06-004

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 Canadian Natural Resources Limited (CNRL) for producing a portion of the Helmet North Jean Marie "A" pool gas without well spacing, target and production restrictions.

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

an Application from CNRL to the Commission dated December 1, 2003.

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

1. The area of the project shall consist of:

94-P-8:

Block E - units 12, 13, 22, 23, 31-33, 41-43, 51-55, 61-65, 71-75, 81-85, 91-95

Block F - units 40, 50, 60, 70, 80, 90, 100

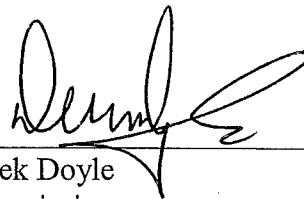
Block K - unit 10

Block L - units 1-5, 12, 13, 22, 23.

2. The requirements of Section 10 of the *Drilling and Production Regulation* are hereby waived, provided that gas wells within the project area are not completed nearer than 250 m to the sides of the approved project 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 Fort St. John, in the Province of British Columbia, this 21 day of January 2004.