

April 27, 2009

3455-8200-59240-06

Januar Wirawan, P.Eng. Reservoir Engineer EnCana Corporation 150 - 9th Avenue SW P.O. Box 2850 Calgary AB T2P 2S5

Dear Mr. Wirawan:

RE: GOOD ENGINEERING PRACTICE APPROVAL, AMENDMENT #1 ELLEH - JEAN MARIE "B" & "C" POOLS

Commission staff have reviewed your application, dated March 17, 2009, requesting an amendment to Good Engineering Practice (GEP) scheme approval for producing gas from the Elleh field – Jean Marie formation.

The amendment area lies between the Elleh – Jean Marie "B" and "C" gas pools which correspond to GEP Approvals 08-06-002 and 07-06-023, respectively. The approval of this amendment has resulted in an amalgamation of these two areas. As a result, the earliest approval (07-06-023) will be amended and the other (08-06-002) will be rescinded. Further drilling between the pools will provide information to determine whether or not a boundary exists between the two pools.

Within the amendment area, there are currently multiple Jean Marie wells per DSU, some of which are also off target, that were placed on production before GEP approval was granted. The Commission would like to remind EnCana that well spacing and target restrictions apply for areas without GEP approval, as per Section 10 of the *Drilling and Production Regulation*.

The Approval 07-06-023 (Amendment #1) is hereby granted under Part 8, Division 6, Section 101 of the *Drilling and Production Regulation*. The specific area of addition is:

94-I-12: Block B – units 40, 50, 60, 70, 80, 90 Block C – units 31 – 35, 41 – 45, 51 – 55, 61 – 65, 71 – 75, 81 – 85

This approval is intended to allow the drilling of wells without spacing and target consideration for maximization of gas recovery. No objections were received following notice of the application on the OGC website.

Should you have any questions, please contact the undersigned at (250) 952-0366 or Kelly Okuszko at (250) 952-0325.

Sincerely,

Richard Slocomb, P. Eng.

Supervisor, Reservoir Engineering

Resource Conservation

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APPROVAL 07-06-023 (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 EnCana Corporation (EnCana) for producing the Elleh field Jean Marie "B" and "C" gas pools 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 March 17, 2009.

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

- 1. The area of the scheme shall consist of:
 - 94-i-5: Block C units 80, 90, 98-100

Block D – units 71-73, 81-83, 91-97

Block E - units 1-7, 11-19, 21-29, 32-39, 42-49, 52-59, 62-69, 72-79, 82-89, 92-99

Block F – units 8-10, 18-20, 28-30

Block K - units 20, 30, 40, 50, 60, 70, 80, 90, 96-100

Block L - units 2-9, 11-19, 21-29, 31-39, 41-49, 51-59, 61-69, 71-79, 81-89, 91-97

94-I-12: Block A – units 20, 30, 40, 50, 60, 70, 80, 90, 100

Block B - units 11-19, 21-29, 31-39, 40-49, 50-59, 60-69, 70-79, 80-89, 90-99

Block C - units 6-10, 16-20, 26-90

Block D – units 1-7, 11-17, 21-27, 31-37, 41-47, 51-55, 61-65, 71-79 and 81-89.

Block G - units 1-9, 11-19, 21-29

Block H - units 10, 20, and 30

- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

DATED AT the City of Victoria, in the Province of British Columbia, this 27th day of April 2009.



January 17, 2008

3455-8200-59240-06

Claudio Virues
Reservoir Engineer, South Sierra Business Unit
EnCana Corporation
150 - 9th Avenue SW
P.O. Box 2850
Calgary AB T2P 2S5

Dear Mr. Virues:

RE: GOOD ENGINEERING PRACTICE APPROVAL ELLEH - JEAN MARIE "B" POOL

Commission staff have reviewed your application, dated November 7, 2007, for Good Engineering Practice (GEP) scheme approval in the Elleh area.

A major portion of the requested area is mapped by the Commission as an extension of the Gunnell Creek – Jean Marie "A" pool and has been granted as a amendment to that GEP approval (under a separate cover letter). The remaining portion is interpreted as the Elleh field – Jean Marie "B" pool.

Approval 08-06-002 is hereby granted under Part 8, Division 6, Section 101 of the *Drilling and Production Regulation*. No objections were received following posting of a notice of this application on the OGC website. This approval is intended to allow the drilling of wells without spacing and target consideration for maximization of gas recovery.

Should you have any questions, please contact Ron Stefik at (250) 952-0310.

Sincerely,

Richard Slocomb, P.Eng.

Supervisor, Reservoir Engineering

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APPROVAL 08-06-002

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 EnCana Corporation (EnCana) for producing the Elleh field Jean Marie "B" 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 a GEP scheme for drilling wells without spacing and target restrictions, as such scheme is described in

an Application to the Commission dated November 7, 2007.

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

- 1. The area of the scheme shall consist of:
 - 94-I-5: Block C units 80, 90, 98-100
 - Block D units 71-73, 81-83, 91-97
 - Block E units 1-7, 11-19, 21-29, 32-39, 42-49, 52-59, 62-69, 72-79, 82-89, 92-99
 - Block F units 8-10, 18-20, 28-30
 - Block K units 20, 30, 40, 50, 60, 70, 80, 90, 96-100
 - Block L units 2-9, 11-19, 21-29, 31-39, 41-49, 51-59, 61-69, 71-79, 81-89, 91-97
 - 94-I-12: Block C units 6-10, 16-20, 26-30, 36-40, 46-50, 56-60, 66-70, 76-80, 86-90

Block D – units 1-7, 11-17, 21-27, 31-37, 41-47, 51-55, 61-65, 71-79 and 81-89.

- 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.

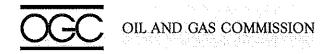
Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

DATED AT the City of Victoria, in the Province of British Columbia, this 17 day of January 2008.

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July 19, 2007

3455-8200-59240-06

Claudio Virués
Reservoir Engineer
South Sierra Sub Business Unit – East Elleh Area
Encana Corporation
150 – 9th Avenue SW
Calgary AB T2P 2S5

Dear Mr. Virués:

RE: GOOD ENGINEERING PRACTICE APPROVAL ELLEH – JEAN MARIE "C" POOL

The Commission has reviewed your application dated April 24, 2007 requesting a Good Engineering Practice (GEP) scheme approval for producing Jean Marie Formation gas from the Elleh field.

Production from the subject pool commenced in April 2006, and there are currently 13 wells on production. Horizontal underbalanced drilling technology has been used to minimize formation damage and maximize production and reserve recovery from the pool. As a result, many of the wellbores extend into off-target locations and adjacent gas spacing units. Horizontal drilling has also resulted in multiple wells producing from single gas spacing units. Please note that normal gas well spacing and target restrictions specified under Section 10 of the *Drilling and Production Regulation* continue to apply, unless a Good Engineering Practice (GEP) is approved under Section 101. In the future an application for GEP should be submitted and approved prior to placing wells on production.

Attached is Approval 07-06-023 granted under Part 8, Division 6, Section 101 of the British Columbia Drilling and Production Regulation. 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,

Doug McKenzie

Director

Resource Conservation Branch

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APPROVAL 07-06-023

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 EnCana Corporation (EnCana) for producing the Elleh field Jean Marie "C" 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 24, 2007.

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

1. The area of the scheme shall consist of:

94-I-12: Block A – units 20, 30, 40, 50, 60, 70, 80, 90, 100 Block B – units 11-19, 21-29, 31-39, 41-49, 51-59, 61-69, 71-79, 81-89, 91-99 Block G – units 1-9, 11-19, 21-29 Block H – units 10, 20, and 30

- 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.

Doug McKenzie

Director

Resource Conservation Branch

DATED AT the City of Victoria, in the Province of British Columbia, this 19th day of July 2007.

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November 22, 2004

9000-8200-59240-06 OGC - 04326

Kylan Warriner
Exploitation Engineer Co-op
Canadian Natural Resources Limited
Suite 2500, 855 – 2 Street SW
Calgary AB T2P 4J8

Elleh (South)?

Dear Mr. Warriner:

RE: GOOD ENGINEERING PRACTICE APPLICATION
OTHER AREAS (CNRL BIGFOOT) - JEAN MARIE FORMATION

The Commission has reviewed your application dated September 22, 2004 requesting Good Engineering Practice (GEP) scheme approval for producing Jean Marie gas from two areas, located in NTS 94-H-13, 94-I-04 and 94-I-05.

The areas of application are outside of present field boundaries (Other Areas). Though on-trend with producing Jean Marie wells, we find that at present there is insufficient information available to support resource mapping within the application areas.

The OGC has granted numerous GEP approvals for Jean Marie development, to allow the flexibility to place wells in optimal drilling locations for maximization of gas recovery. However, as it has now been communicated to the OGC that CNRL does not intend to pursue drilling plans for the upcoming winter drilling season in this area, and the present lack of Jean Marie pool mapping, your application is denied. Application for GEP may be re-submitted should future circumstances warrant.

Should you have any questions, please contact Ron Stefik at (250) 952-0310.

Craig Gibson, P. Eng.

Director

Sincerely,

Resource Conservation Branch

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

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Wellfile (originals)
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Resource Revenue

S. Chicorelli R. Stefik

G. Farr c R. Slocomb

D. Krezanoski

RESOURCE CONSERVATION BRANCH

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0301 Location: 6th Fir 1810 Blanshard St, Victoria BC

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