

September 13, 2010

2240-4150-59240-06

Davin Yee, P. Eng Exploitation Engineer Progress Energy Resources Corp. 1200, 205 – 5<sup>th</sup> Ave. S.W. Calgary AB T2P 2V7

Dear Mr. Yee:

RE:

GOOD ENGINEERING PRACTICE APPROVAL
BUBBLES NORTH – BALDONNEL/UPPER CHARLIE LAKE "A", "D", and
"E" POOLS

Commission staff have reviewed the application, dated June 15, 2010, requesting Good Engineering Practice (GEP) approval for producing gas from the Baldonnel/Upper Charlie Lake formation in the Bubbles North area.

Attached are the following Approvals for corresponding pools:

## Baldonnel/Upper Charlie Lake "A" pool:

Approval #10-06-031 Approval #10-06-032 Approval #10-06-033 Approval #10-06-034

## Baldonnel/Upper Charlie Lake "D" pool:

Approval #10-06-035

## Baldonnel/Upper Charlie Lake "E" pool:

Approval #10-06-036

These approvals are hereby granted under Part 8, Division 6, Section 101 of the *Drilling* and *Production Regulation*. They are intended to allow the production of gas wells at increased density without regard for normal spacing and target areas for maximization of gas recovery. No written objections were received following notice of this application on the OGC website.

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Should you have any questions, please contact the undersigned at (250) 419-4421 or Travis Mercure at (250) 419-4448.

Sincerely,

Richard Slocomb, P.Eng.

Supervisor, Reservoir Engineering

Resource Conservation

Attachment

# 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 Progress Energy Resources Corp. (Progress) for producing gas from the Bubbles North field Baldonnel/Upper Charlie Lake "A" pool without spacing and target 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 Progress as such scheme is described in

an Application from Progress to the Commission dated June 15, 2010.

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

1. The area of the scheme shall consist of;

94-G-8 Block B Units 96, 97, 100 94-G-8 Block C Unit 91. 94-G-8 Block F Units 1, 12, 13, 22, 23, 31-35, 41-45, 54, 55, 64, 65, 74, 75, 84, 85 94-G-8 Block G Units 6, 7, 10, 18, 19, 28, 29, 38-40, 48-50.

- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

Oil and Gas Commission

# 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 Progress Energy Resources Corp. (Progress) for producing gas from the Bubbles North field Baldonnel/Upper Charlie Lake "A" pool without spacing and target 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 Progress as such scheme is described in

an Application from Progress to the Commission dated June 15, 2010.

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

- 1. The area of the scheme shall consist of:
  - 94-G-8 Block B Units 58, 59, 68, 69.
- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 131 day of September 2010.

# 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 Progress Energy Resources Corp. (Progress) for producing gas from the Bubbles North field Baldonnel/Upper Charlie Lake "A" pool without spacing and target 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 Progress as such scheme is described in

an Application from Progress to the Commission dated June 15, 2010.

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

The area of the scheme shall consist of;

94-G-8	Block B	Units 54-57, 64-67, 72-80, 82-90, 92-95, 98, 9	99
94-G-8	Block C	Units 71, 81	
94-G-8	Block F	Units 11, 21	
94-G-8	Block G	Units 2-5, 8, 9, 14-17, 20, 24-27, 30.	

- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 13<sup>th</sup> day of September 2010.

## 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 Progress Energy Resources Corp. (Progress) for producing gas from the Bubbles North field Baldonnel/Upper Charlie Lake "A" pool without spacing and target 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 Progress as such scheme is described in

an Application from Progress to the Commission dated June 15, 2010.

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

1. The area of the scheme shall consist of;

94-G-8 Block F Units 36, 37, 46, 47.

- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 3 day of September 2010.

## 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 Progress Energy Resources Corp. (Progress) for producing gas from the Bubbles North field Baldonnel/Upper Charlie Lake "D" pool without spacing and target 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 Progress as such scheme is described in

an Application from Progress to the Commission dated June 15, 2010.

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

1. The area of the scheme shall consist of:

94-G-8 Block F Units 51-53, 61-63 94-G-8 Block G Units 60, 70.

- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation

Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 13<sup>11</sup> day of September 2010.

# 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 Progress Energy Resources Corp. (Progress) for producing gas from the Bubbles North field Baldonnel/Upper Charlie Lake "E" pool without spacing and target 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 Progress as such scheme is described in

an Application from Progress to the Commission dated June 15, 2010.

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

1. The area of the scheme shall consist of;

94-G-8 Block F Units 72, 73, 82, 83, 92-95 94-G-8 Block K Units 2-5.

- 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.

Richard Slocomb

Supervisor, Reservoir Engineering

Resource Conservation
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 13<sup>th</sup> day of September 2010.