



March 27, 2012

4700-8200-59240-06

Lee Marchcuk, EIT
Exploitation Engineer
Canadian Natural Resources Ltd.
2500, 855-2nd Street SW
Calgary AB T2P 4J8

Dear Mr. Marchuk:

**RE: GOOD ENGINEERING PRACTICE SPECIAL PROJECT, AMENDMENT #4
OTHER THAN NORMAL SPACING ORDER
HELMET FIELD – JEAN MARIE “A” POOL**

The Commission has reviewed your application dated February 22, 2012, requesting amendment of a previously issued Good Engineering Practice approval in the Helmet field – Jean Marie formation. Canadian Natural Resources Ltd. (CNRL), having purchased the majority of the land rights and wells from the previous owner, EnCana Corporation, seeks to transfer the GEP into their name.

The following Order is attached;

- 1) Order 03-06-044 (Amendment #4) CNRL Project #11, designating Good Engineering Practice within a portion of the Helmet field Jean Marie “A” pool as a Special Project under section 75 of the *Oil and Gas Activities Act*, and
- 2) Order 03-06-044-OTN (Amendment #4) approving Other Than Normal Spacing under section 65.1 of the *Petroleum and Natural Gas Act* for the subject pool and area.

As a Good Engineering Practice special project, the applicant intends to locate, complete and operate wells in a manner to optimize resource recovery while minimizing surface impacts. No notification period was required for this amendment. This GEP is transferred to CNRL, excluding any lands where CNRL does not have ownership.

Should you have any questions, please contact Ron Stefik at (250) 419-4430 or Curtis Kitchen at (250) 419-4443.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Jenkins', is written over a light blue circular stamp.

Paul Jenkins
Commissioner & CEO
Oil and Gas Commission

Attachments

IN THE MATTER of an application from Canadian Natural Resources Ltd. to the Oil and Gas Commission dated February 22, 2012 for an amendment to a Good Engineering Practice project.

ORDER 03-06-044 (AMENDMENT #4)

1 Under Section 75(1)(a) of the *Oil and Gas Activities Act*, the Helmet field – Jean Marie “A” pool is designated as a special project for the enhanced recovery of natural gas utilizing Good Engineering Practice within the following area;

- NTS 94-I-16 Block J - units 58-60, 68-70, 88-90, 96-100
Block K - units 51, 56-61, 66-71, 76-81, 86-100
Block L - units 51, 61, 71, 76, 77, 81, 86, 87, 91-99
- NTS 94-P-1 Block B - units 6-10, 18-20, 28-30, 38-40, 48-50, 58-60, 68-70
Block C - units 1-70, 78-80, 88-90
Block D - units 1-9, 11-90, 96-100
Block E - units 6-10, 38-40, 48-100
Block F - units 34, 35, 44, 45, 52-60, 62-70, 72-80, 82-91, 98-100
Block G - units 54-57, 64-67, 74-79, 84-89, 96-100
Block J - units 6-10, 16-20, 26-30
Block K - units 1, 8-11, 18-21, 28-30, 58-60, 68-70, 80, 90
Block L - units 1-30, 32-40, 42-51, 61, 71, 81
- NTS 94-P-2 Block A - units 11-15, 21-25, 31-35, 41-45, 51-55, 61-65, 71-75, 81-85, 91-100
Block B - units 91-99
Block C - units 96-100
Block D - units 91-95
Block E - units 1-5, 12-20, 22-30, 32-40, 42-50, 58-60, 68-70, 78-80, 88-90
Block F - units 6-19, 21-29, 31-39, 41-49
Block G - units 1-9, 11-57, 61-67, 71-77, 81-87, 91-97
Block H - units 1-10, 12-20, 22-100
Block I - units 1-50, 98-100
Block J - units 1-7, 11-17, 21-27, 31-37, 41-47, 52-60, 72-80, 82-100
Block K - units 36-40, 46-75, 81-85, 91-95
Block L - units 31, 41, 51, 61
- NTS 94-P-3 Block H - units 11-13, 21-23, 31-33, 41-43, 51-53, 61-63, 71-73, 81-83
- NTS 94-P-7 Block A - units 8-10, 20, 30, 38-40, 48-50, 58-60, 68-70
Block B - units 1-31, 34-41, 44-57, 61-67, 76-79, 86-89, 98, 99
Block C - units 1-5, 11, 21, 31, 41
Block G - units 8, 9, 14-19, 24-29, 34-39, 44-49, 54-59, 64-69, 74-79 and 84-89.


Paul Jenkins
Commissioner & CEO
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 27th day of March 2012.

IN THE MATTER of an application from Canadian Natural Resources Ltd. to the Oil and Gas Commission dated February 22, 2012 for Other Than Normal Spacing.

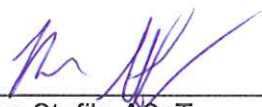
ORDER 03-06-044-OTN (AMENDMENT #4)

1 Under Section 65.1(2) of the *Petroleum and Natural Gas Act*, Other Than Normal Spacing is approved within the Helmet field Jean Marie formation within the following area;

- NTS 94-I-16 Block J - units 58-60, 68-70, 88-90, 96-100
Block K - units 51, 56-61, 66-71, 76-81, 86-100
Block L - units 51, 61, 71, 76, 77, 81, 86, 87, 91-99
- NTS 94-P-1 Block B - units 6-10, 18-20, 28-30, 38-40, 48-50, 58-60, 68-70
Block C - units 1-70, 78-80, 88-90
Block D - units 1-9, 11-90, 96-100
Block E - units 6-10, 38-40, 48-100
Block F - units 34, 35, 44, 45, 52-60, 62-70, 72-80, 82-91, 98-100
Block G - units 54-57, 64-67, 74-79, 84-89, 96-100
Block J - units 6-10, 16-20, 26-30
Block K - units 1, 8-11, 18-21, 28-30, 58-60, 68-70, 80, 90
Block L - units 1-30, 32-40, 42-51, 61, 71, 81
- NTS 94-P-2 Block A - units 11-15, 21-25, 31-35, 41-45, 51-55, 61-65, 71-75, 81-85, 91-100
Block B - units 91-99
Block C - units 96-100
Block D - units 91-95
Block E - units 1-5, 12-20, 22-30, 32-40, 42-50, 58-60, 68-70, 78-80, 88-90
Block F - units 6-19, 21-29, 31-39, 41-49
Block G - units 1-9, 11-57, 61-67, 71-77, 81-87, 91-97
Block H - units 1-10, 12-20, 22-100
Block I - units 1-50, 98-100
Block J - units 1-7, 11-17, 21-27, 31-37, 41-47, 52-60, 72-80, 82-100
Block K - units 36-40, 46-75, 81-85, 91-95
Block L - units 31, 41, 51, 61
- NTS 94-P-3 Block H - units 11-13, 21-23, 31-33, 41-43, 51-53, 61-63, 71-73, 81-83
- NTS 94-P-7 Block A - units 8-10, 20, 30, 38-40, 48-50, 58-60, 68-70
Block B - units 1-31, 34-41, 44-57, 61-67, 76-79, 86-89, 98, 99
Block C - units 1-5, 11, 21, 31, 41
Block G - units 8, 9, 14-19, 24-29, 34-39, 44-49, 54-59, 64-69, 74-79 and 84-89.

2 Under section 65.1(3) of the *Petroleum and Natural Gas Act*, I specify the following:

- a) the target area for a gas well completed within the project area is not nearer than 250 m to the sides of the Other Than Normal Spacing area,
- b) a gas well completed outside the specified target area may be subject to an off-target production penalty,
- c) gas wells drilled within the specified project area are not subject to spacing requirements.



Ron Stefik, AScT
Sr Technical Advisor, Reservoir Engineering
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 27th day of March 2012.