

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Table with columns DE, ET, OE, ES

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COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 100185 2. Name of Operator: ENCANA OIL & GAS (USA) INC 3. Address: 370 17TH ST STE 1700 City: DENVER State: CO Zip: 80202- 4. Contact Name: Cristi Cota-Smith Phone: (720) 876-3083 Fax: (720) 876-4083 Email: cristi.cota-smith@encana.com

5. API Number 05-123-36822-00 6. County: WELD 7. Well Name: McPeek Well Number: 4-8-10 8. Location: QtrQtr: SESW Section: 10 Township: 2N Range: 66W Meridian: 6 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/07/2013 End Date: 09/07/2013 Date of First Production this formation: 10/11/2013

Perforations Top: 7483 Bottom: 7500 No. Holes: 75 Hole size: 0.42

Provide a brief summary of the formation treatment: Open Hole: [ ]

Set CFP @ 7550', perforate Codell Frac Codell with 150,210# 30/50 and 153,930 gals SLF

This formation is commingled with another formation: [X] Yes [ ] No

Total fluid used in treatment (bbl): 3576 Max pressure during treatment (psi): 4609

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Min frac gradient (psi/ft): 0.85

Total acid used in treatment (bbl): Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 1010

Fresh water used in treatment (bbl): 3576 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 150210 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: [ ] Yes [ ] No If yes, number of sacks cmt

\*\* Bridge Plug Depth: \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

FORMATION: J-NIOBRARA-CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 10/11/2013

Perforations Top: 7262 Bottom: 7985 No. Holes: 234 Hole size: 0.42

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Drilled up CFPs to commingle the JSND-NBRR-CODL 9-18-2013

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 10/20/2013 Hours: 24 Bbl oil: 22 Mcf Gas: 239 Bbl H2O: 17

Calculated 24 hour rate: Bbl oil: 22 Mcf Gas: 239 Bbl H2O: 17 GOR: 10863

Test Method: Flowing Casing PSI: 959 Tubing PSI: 363 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1303 API Gravity Oil: 49

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7938 Tbg setting date: 09/17/2013 Packer Depth: \_\_\_\_\_

Reason for Non-Production: \_\_\_\_\_

Date formation Abandoned: \_\_\_\_\_ Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: J SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/03/2013 End Date: 09/07/2013 Date of First Production this formation: 10/11/2013  
Perforations Top: 7960 Bottom: 7985 No. Holes: 75 Hole size: 0.42

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Pioneer Wireline perforated J Sand  
7960-7985 w/3 jspf - 75 holes  
Frac J Sand with 155,010# 30/50 and 153,930 gals SLF

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3691 Max pressure during treatment (psi): 3199

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.67

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: 1

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 1010

Fresh water used in treatment (bbl): 3691 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 155010 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: \_\_\_\_\_

Date formation Abandoned: \_\_\_\_\_ Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIORARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/07/2013 End Date: 09/07/2013 Date of First Production this formation: 10/11/2013

Perforations Top: 7262 Bottom: 7500 No. Holes: 159 Hole size: 0.42

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production:

Date formation Abandoned: \_\_\_\_\_ Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIORARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/07/2013 End Date: 09/01/2013 Date of First Production this formation: 10/11/2013  
Perforations Top: 7262 Bottom: 7283 No. Holes: 84 Hole size: 0.42

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Set CFP @7340', perforate Niobrara  
Frac Niobrara with 150,400# 30/50 and 153,804 gals SLF

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3581 Max pressure during treatment (psi): 4721

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.95

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: 1

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 1010

Fresh water used in treatment (bbl): 3581 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 150400 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: \_\_\_\_\_

Date formation Abandoned: \_\_\_\_\_ Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

Comment: \_\_\_\_\_

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Signed: \_\_\_\_\_ Print Name: Cristi L. Cota-Smith  
Title: Permitting Analyst Date: 11/13/2013 Email: cristi.cota-smith@encana.com

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400509833	FORM 5A SUBMITTED
400509891	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected total fluid volume and added fresh water volume.	12/17/2013 2:21:24 PM

Total: 1 comment(s)