

State of Colorado Oil and Gas Conservation Commission

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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 4. Contact Name: Jane Washburn
2. Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5431
3. Address: 370 17TH ST STE 1700 City: DENVER State: CO Zip: 80202- Fax: (720) 876-6431

5. API Number 05-123-24250-00 6. County: WELD
7. Well Name: FRANCIS ARENS Well Number: 4-6-15
8. Location: QtrQtr: SWSE Section: 15 Township: 4N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED

Treatment Date: 11/26/2011 Date of First Production this formation:
Perforations Top: 7108 Bottom: 7126 No. Holes: 72 Hole size:

Provide a brief summary of the formation treatment: Open Hole:
Frac'd 7108' - 7126' w/ 113,168 gal frac fluid and 220,000# sand. CIBP set @ 7180 11/26/11.

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

Test Information:

Date: Hours: Bbls oil: Mcf Gas: Bbls H2O:
Calculated 24 hour rate: Bbls oil: Mcf Gas: Bbls 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:

FORMATION: J SAND Status: TEMPORARILY ABANDONED

Treatment Date: 11/26/2011 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 7586 Bottom: 7646 No. Holes: 80 Hole size: \_\_\_\_\_

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

CIBP set @ 7180' on 11-26-11 to refrac and test the NBRR-CDL.

This formation is commingled with another formation:  Yes  No

**Test Information:**

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

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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: \_\_\_\_\_

To test the NBRR-CDL.

Date formation Abandoned: 11/26/2011 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

Bridge Plug Depth: 7180 Sacks cement on top: \_\_\_\_\_

FORMATION: NIOBRARA-CODELL Status: PRODUCING

Treatment Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6820 Bottom: 7126 No. Holes: 132 Hole size: \_\_\_\_\_

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

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 01/08/2012 Hours: 24 Bbls oil: 27 Mcf Gas: 304 Bbls H2O: 30

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 27 Mcf Gas: 304 Bbls H2O: 30 GOR: \_\_\_\_\_

Test Method: flowing Casing PSI: 372 Tubing PSI: \_\_\_\_\_ Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY BTU Gas: 1 API Gravity Oil: 64

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7050 Tbg setting date: 01/03/2012 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: \_\_\_\_\_

FORMATION: NIOBRARA Status: COMMINGLED

Treatment Date: 11/26/2011 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6820 Bottom: 6934 No. Holes: 60 Hole size: \_\_\_\_\_

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

Frac'd 6820'-6836', 6920'-6934' w/ 182,404 gal frac fluid and 249,480# sand.  
CFP set @ 6990 on 11/26/11 and drilled out 1/3/12.

This formation is commingled with another formation:  Yes  No

**Test Information:**

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

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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: \_\_\_\_\_

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

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Jane Washburn

Title: Operations Technologist Date: \_\_\_\_\_ Email jane.washburn@encana.com

Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**Attachment Check List**

Att Doc Num	Name
400250658	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)