

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



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Document Number:

400467020

Date Received:

08/13/2013

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: Jane Washburn  
Phone: (720) 876-5431  
Fax: (720) 876-6431

5. API Number 05-123-23602-00  
6. County: WELD  
7. Well Name: BEARDEN  
Well Number: 13-6  
8. Location: QtrQtr: NESW Section: 6 Township: 1N Range: 68W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/24/2013 End Date: 06/24/2013 Date of First Production this formation: 08/21/2006

Perforations Top: 7806 Bottom: 7824 No. Holes: 72 Hole size:

Provide a brief summary of the formation treatment: Open Hole: ☐

Set CIBP @ 7870. Frac'd the Codell w/250,180 # sand and 80,681 gals (1921 bbls) of frac fluid.

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 1921 Max pressure during treatment (psi): 4786

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34

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): 785

Fresh water used in treatment (bbl): 1921 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250180 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: DAKOTA-J-NIOBRARA-CODELL Status: COMMINGLED Treatment Type: \_\_\_\_\_  
Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_  
Perforations Top: 7568 Bottom: 8262 No. Holes: 296 Hole size: \_\_\_\_\_  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

Drilled out CIBP @ 7870'. Turned well to production and commingled the Dakota, J-Sand, Codell and Niobrara.

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: 08/06/2013 Hours: 1 Bbl oil: 1 Mcf Gas: 9 Bbl H2O: 2  
Calculated 24 hour rate: Bbl oil: 24 Mcf Gas: 216 Bbl H2O: 48 GOR: 9000  
Test Method: FLOW Casing PSI: 600 Tubing PSI: 251 Choke Size: 32/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1204 API Gravity Oil: 50  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 8200 Tbg setting date: 07/11/2013 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.

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: 8/13/2013 Email jane.washburn@encana.com

**Attachment Check List**

Att Doc Num	Name
1695850	WELLBORE DIAGRAM
400467020	FORM 5A SUBMITTED

Total Attach: 2 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed status of codell from Producing to Commingled.	10/23/2013 3:03:25 PM
Permit	Added flowback volume of 785 bbls & WBD per operator.	9/4/2013 4:16:36 PM

Total: 2 comment(s)