

FORM  
5ARev  
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



DE ET OE ES

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Date Received:

08/07/2013

## 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 05-123-23001-00  
6. County: WELD  
7. Well Name: BEARDEN  
Well Number: 14-6  
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: 06/25/2013 End Date: 06/25/2013 Date of First Production this formation:

Perforations Top: 7860 Bottom: 7877 No. Holes: 68 Hole size:

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

Set CIBP @ 7920'. Frac Codell with 250,100 # 20/40 sand and 82,291 gals (1959 bbls) frac fluid.

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

Total fluid used in treatment (bbl): 1959 Max pressure during treatment (psi): 3815

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): 0.80

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 438

Fresh water used in treatment (bbl): 1959 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250100 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: J-NIOBRARA-CODELL		Status: COMMINGLED		Treatment Type: _____	
Treatment Date: _____		End Date: _____		Date of First Production this formation: _____	
Perforations	Top: 7618	Bottom: 8315	No. Holes: 238	Hole size: _____	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Drill out plugs and land tubing @ 8266'. Well turned on 7-11-2013 to commingle the J Sand, Codell and Niobrara.					
This formation is commingled with another formation:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <input type="checkbox"/>			
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
Date: 07/22/2013	Hours: 4	Bbl oil: 8	Mcf Gas: 41	Bbl H2O: 20	
Calculated 24 hour rate:	Bbl oil: 48	Mcf Gas: 246	Bbl H2O: 120	GOR: _____	
Test Method: FLOW	Casing PSI: 1156	Tubing PSI: 606	Choke Size: 22/64		
Gas Disposition: SOLD	Gas Type: DRY	Btu Gas: 1204	API Gravity Oil: 4904		
Tubing Size: 2 + 3/8	Tubing Setting Depth: 8266	Tbg setting date: 07/03/2013	Packer Depth: _____		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: _____	** Sacks cement on top: _____	** Wireline and Cement Job Summary must be attached.			

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/25/2013 End Date: 06/25/2013 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 7618 Bottom: 7648 No. Holes: 120 Hole size: \_\_\_\_\_

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

Set CFP @ 7770'. Frac Niobrara with 250,660 # sand and 91,253 gal (2173 bbls) frac fluid.

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

Total fluid used in treatment (bbl): 2173 Max pressure during treatment (psi): 4656

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): 0.83

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

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 438

Fresh water used in treatment (bbl): 2173 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250660 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: Jane Washburn

Title: Operations Technologists Date: 8/7/2013 Email: jane.washburn@encana.com

**Attachment Check List**

Att Doc Num	Name
400464197	FORM 5A SUBMITTED
400464630	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

User Group	Comment	Comment Date
Permit	Per operator changed status of NB & CD from producing to commingled. ok to pass.	10/18/2013 4:06:47 PM

Total: 1 comment(s)