FORM 5A
Rev 06/12

# State of Colorado
# Oil and Gas Conservation Commission

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Document Number: 400468446

Date Received: 08/27/2013

## 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 05-123-22162-00
6. County: WELD
7. Well Name: BEARDEN
Well Number: 23-6
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: 06/27/2013 End Date: 06/27/2013 Date of First Production this formation:

Perforations Top: 7670 Bottom: 7688 No. Holes: 72 Hole size:

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

Set CIBP @ 7780'. Frac Codell w/250,460 # sand and 82,215 gal (1958 bbls) frac fluid.

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

Total fluid used in treatment (bbl): 1958
Max pressure during treatment (psi): 4300
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): 0.87
Total acid used in treatment (bbl):
Number of staged intervals: 1
Recycled water used in treatment (bbl):
Flowback volume recovered (bbl): 470
Fresh water used in treatment (bbl): 1958
Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 250460
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-D-CODELL-NIOBRARA Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 7415 Bottom: 8301 No. Holes: 388 Hole size:

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

Drilled out plugs and commingled all zones, Dakota, J-Sand, Codell and Niobrara on 7-12-13. Returned to production on 7-30-13.

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: 08/26/2013 Hours: 2 Bbl oil: 2 Mcf Gas: 18 Bbl H2O: 11

Calculated 24 hour rate: Bbl oil: 4 Mcf Gas: 36 Bbl H2O: 22 GOR: 9000

Test Method: FLOW Casing PSI: 1117 Tubing PSI: 258 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1204 API Gravity Oil: 49

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8074 Tbg setting date: 07/12/2013 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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/27/2013 End Date: 06/27/2013 Date of First Production this formation:

Perforations Top: 7415 Bottom: 7455 No. Holes: 160 Hole size:

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

Set CFP @ 7572'. Frac Niobrara w/250,040 # sand and 93,139 gals (2218 bbls) frac fluid.

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

Total fluid used in treatment (bbl): 2218 Max pressure during treatment (psi): 4752

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): 0.87

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 470

Fresh water used in treatment (bbl): 2218 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250040 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 Technologist Date: 8/27/2013 Email: jane.washburn@encana.com

## Attachment Check List

| Att Doc Num | Name |
|---|---|
| 400468446 | FORM 5A SUBMITTED |
| 400473397 | WELLBORE DIAGRAM |

Total Attach: 2 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| Permit | Changed Codell Status from PR to CM. Changed Niobrara status from PR to CM. per operator. | 10/29/2013 3:28:40 PM |

Total: 1 comment(s)