

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:

400467871

Date Received:

08/14/2013

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 05-123-23559-00
6. County: WELD
7. Well Name: BEARDEN
Well Number: 24-6
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: 06/26/2013 End Date: 06/26/2013 Date of First Production this formation:

Perforations Top: 7778 Bottom: 7798 No. Holes: 80 Hole size:

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

Set CIBP @ 7860'. Frac Codell with 250,500 # sand and 78,179 gals (1864 bbls) frac fluid.

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

Total fluid used in treatment (bbl): 1864 Max pressure during treatment (psi): 4194

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): 491

Fresh water used in treatment (bbl): 1864 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250500 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.

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|------------------------------|-----------|--------------------|----------------|---|--|
| FORMATION: J-NIOBRARA-CODELL | | Status: COMMINGLED | | Treatment Type: _____ | |
| Treatment Date: _____ | | End Date: _____ | | Date of First Production this formation: 06/19/2007 | |
| Perforations | Top: 7534 | Bottom: 8232 | No. Holes: 152 | Hole size: _____ | |

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

Drilled out plugs and commingled the J-Sand, Niobrara and Codell.

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: <input type="checkbox"/> |

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

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|--------------------------|----------------------------|------------------------------|---------------------|-------------|
| Date: 07/23/2013 | Hours: 1 | Bbl oil: 5 | Mcf Gas: 36 | Bbl H2O: 10 |
| Calculated 24 hour rate: | Bbl oil: 120 | Mcf Gas: 864 | Bbl H2O: 240 | GOR: 7200 |
| Test Method: FLOW | Casing PSI: 1098 | Tubing PSI: 611 | Choke Size: 28/64 | |
| Gas Disposition: SOLD | Gas Type: DRY | Btu Gas: 1204 | API Gravity Oil: 49 | |
| Tubing Size: 2 + 3/8 | Tubing Setting Depth: 8134 | Tbg setting date: 07/01/2013 | 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: 06/26/2013 End Date: 06/26/2013 Date of First Production this formation: _____

Perforations Top: 7534 Bottom: 7554 No. Holes: 40 Hole size: _____

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

Set CFP @ 7684. Frac Niobrara with 250,700 # sand and 90,195 gals (2146 gals) frac fluid.

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

Total fluid used in treatment (bbl): 2146 Max pressure during treatment (psi): 4365

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): 0.84

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

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 491

Fresh water used in treatment (bbl): 2146 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250700 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: 8/14/2013 Email: jane.washburn@encana.com

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------|
| 400467871 | FORM 5A SUBMITTED |
| 400467918 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| User Group | Comment | Comment Date |
|------------|--|--------------------------|
| Permit | Changed status for Codell and Niobrara from PR to CM per operator. | 10/29/2013 2:33:57 PM |

Total: 1 comment(s)