

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:

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Date Received:

06/27/2013

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 05-123-24892-00
6. County: WELD
7. Well Name: OLIVE
Well Number: 13-26
8. Location: QtrQtr: NESW Section: 26 Township: 2N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/28/2013 End Date: 05/28/2013 Date of First Production this formation:

Perforations Top: 7746 Bottom: 7764 No. Holes: 72 Hole size:

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

Set CIBP @ 7830 on 5/20/13. Refrac Codell from 7746-7764 w 250,080 # sand and 82,084 gal frac fluid.

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

Total fluid used in treatment (bbl): 1954 Max pressure during treatment (psi): 3662

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): 481

Fresh water used in treatment (bbl): 1954 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250080 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: 7516 Bottom: 8228 No. Holes: 152 Hole size: _____
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

Drilled out CIBP @ 7830 on 6/1/13. Tubing landed @ 8169 on 6/1/13 and turned to production 6/4/13. J Sand, Niobrara and Codell are commingled.

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: 06/14/2013 Hours: 2 Bbl oil: 5 Mcf Gas: 98 Bbl H2O: 22
Calculated 24 hour rate: Bbl oil: 60 Mcf Gas: 1176 Bbl H2O: 264 GOR: 19600
Test Method: Flow Casing PSI: 731 Tubing PSI: 428 Choke Size: 64/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1186 API Gravity Oil: 52
Tubing Size: 2 + 3/8 Tubing Setting Depth: 8169 Tbg setting date: 06/01/2013 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: 05/28/2013 End Date: 05/28/2013 Date of First Production this formation: _____
Perforations Top: 7516 Bottom: 7536 No. Holes: 40 Hole size: _____

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

Set CFP @ 7575' on 5/28/13. Frac Niobrara w/ 251,080 # sand and 89,191 gal frac fluid.

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

Total fluid used in treatment (bbl): 2124 Max pressure during treatment (psi): 4547

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): 482

Fresh water used in treatment (bbl): 2124 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 251080 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: 6/27/2013 Email jane.washburn@encana.com

Attachment Check List

Att Doc Num	Name
400439610	FORM 5A SUBMITTED
400440024	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Changed J-Niobrara-Codell panel from Producing to Commingled.	7/8/2013 10:50:05 AM

Total: 1 comment(s)