

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:

2286029

Date Received:

11/16/2011

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 05-123-21368-00
6. County: WELD
7. Well Name: BADDING STATE
Well Number: 42-36
8. Location: QtrQtr: SENE Section: 36 Township: 2N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:
Treatment Date: End Date: Date of First Production this formation: 08/10/2011
Perforations Top: 7451 Bottom: 7471 No. Holes: 34 Hole size:
Provide a brief summary of the formation treatment: Open Hole: ☐

CODELL REFRAC- 7451'-7471' FRAC'D W/249,940# SAND IN 108,636 GAL FRAC FLUID 8/10/11. CFP SET AT 7270' 8/10/11; DRILLED OUT 9/27/11. J SAND CIBP SET @ 7500' ON 8/10/11.

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: 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 SAND Status: TEMPORARILY ABANDONED Treatment Type: _____

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

Perforations Top: 7886 Bottom: 7948 No. Holes: 76 Hole size: _____

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

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: _____ 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: CIBP SET @ 7500 ON 8/10/11. J-SAND IS TA TO TEST THE NBRR-CD.

Date formation Abandoned: 08/10/2011 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 7500 ** Sacks cement on top: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: _____

Treatment Date: 08/10/2011 End Date: _____ Date of First Production this formation: 09/28/2011

Perforations Top: 7225 Bottom: 7471 No. Holes: 114 Hole size: _____

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

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: 10/05/2011 Hours: 7 Bbl oil: 68 Mcf Gas: 289 Bbl H2O: 38

Calculated 24 hour rate: Bbl oil: 233 Mcf Gas: 990 Bbl H2O: 130 GOR: 4250

Test Method: FLOWING Casing PSI: 896 Tubing PSI: 581 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1175 API Gravity Oil: 45

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7429 Tbg setting date: 09/27/2011 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: _____
Treatment Date: 08/10/2011 End Date: _____ Date of First Production this formation: _____
Perforations Top: 7225 Bottom: 7245 No. Holes: 80 Hole size: _____
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

NIOBRARA REFRAC- 7725'-7925' FRAC'D W/250,100# SAND IN 139,410 GAL FRAC FLUID 8/10/11. CFP SET AT 7270' 8/10/11;
DRILLED OUT 9/27/11. J SAND CIBP SET @ 7500' 8/10/11.

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: _____ 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: ENGINEERING TECH Date: 11/11/2011 Email: JANE.WASHBURN@ENCANA.COM

Attachment Check List

Att Doc Num	Name
1695282	WIRELINE JOB SUMMARY
2286029	FORM 5A SUBMITTED
2286030	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received and attached Wireline Job Summary.	11/29/2012 2:52:45 PM
Permit	Changed top/btm of Niobrara from 7725-7745' to 7225-7245' per operator. requesting Wireline job summary.	11/29/2012 12:36:15 PM
Permit	Wrote to operator to see if she would like to resubmit this form. Perfs do not match the formations. Also needs a Wireline Job Summary.	11/19/2012 2:39:05 PM
Permit	ON HOLD: requesting additional panels for CD status CM & NB status CM. Added # of holes to each along with description of refrac. Confirmation of perfs for the Niobrara. they are below the J Sand?	11/6/2012 12:12:47 PM
Permit	Data for reporting formations is incorrect. J. Stanczyk giving class with Encana on Monday. On hold for corrected info following class.	1/27/2012 10:28:20 AM

Total: 5 comment(s)