

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:

2286262

Date Received:

01/03/2012

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 05-123-24501-00
6. County: WELD
7. Well Name: MANTLE
Well Number: 4-2-28
8. Location: QtrQtr: SWNE Section: 28 Township: 4N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: J-NIOBRARA-CODELL Status: COMMINGLED Treatment Type:

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

Perforations Top: 7090 Bottom: 7828 No. Holes: 174 Hole size:

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

CFP-SET AT 7140' ON 8/6/2011. J-SAND PLUGGED BACK TO TEST NB-CD.

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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: _____
Treatment Date: 08/06/2011 End Date: _____ Date of First Production this formation: _____
Perforations Top: 7090 Bottom: 7318 No. Holes: 128 Hole size: _____
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

NIOBRARA REFRAC – 7002-7106' FRAC'D W/213,400# SAND IN 152,208 GAL FRAC FLUID (08/06/2011). CODELL REFRAC – 7302'-7318' FRAC'D W/220,000# SAND IN 114,408 GAL FRAC FLUID (08/06/2011). CFP'S SET @ 7140 AND 7350 ON 8/6/2011. CFP @ 7140 DRILLED OUT 9/23/2011.

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: 10/02/2011 Hours: 12 Bbl oil: 23 Mcf Gas: 405 Bbl H2O: 5
Calculated 24 hour rate: Bbl oil: 46 Mcf Gas: 810 Bbl H2O: 10 GOR: 17609
Test Method: FLOW TEST Casing PSI: 526 Tubing PSI: 331 Choke Size: 64/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1244 API Gravity Oil: 52
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7290 Tbg setting date: 09/23/2011 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.

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: 11/23/2011 Email: JANE.WASHBURN@GMAIL.COM
:

Attachment Check List

Att Doc Num	Name
2286262	FORM 5A SUBMITTED
2286263	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received BTU and API values. J-Nio-Codell panel changed to commingled per operator.	3/11/2013 3:21:11 PM
Permit	Wrote to ask operator if they meant to shut in the J-Nio-Codell instead of just the J Sand. Also, requested BTU and API info.	3/11/2013 1:54:07 PM
Permit	Sent email to remind opr that form is on hold.	11/13/2012 4:20:53 PM
Permit	Form on hold for information about the J Sand which is being reported as producing.	2/16/2012 11:53:02 AM
Data Entry	NIOBRARA-CODELL FORMATION: API GRAVITY OIL IS REQUIRED IF BBLs OIL IS ENTERED.	1/3/2012 1:06:58 PM

Total: 5 comment(s)