

FORM  
5A

Rev  
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

2286150

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 4. Contact Name: SHEILLA REED-HIGH  
2. Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-3678  
3. Address: 370 17TH ST STE 1700 Fax: (720) 876-4678  
City: DENVER State: CO Zip: 80202-

5. API Number 05-123-30790-00 6. County: WELD  
7. Well Name: COSTIGAN Well Number: 8-6-20  
8. Location: QtrQtr: SESE Section: 20 Township: 1N Range: 68W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: J-NIOBRARA-CODELL Status: COMMINGLED

Treatment Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 7687 Bottom: 8575 No. Holes: 246 Hole size: \_\_\_\_\_

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

JSND-CDL-NBRR COMMINGLE. SET CBP @ 7620'. 09/07/11. DRILLED OUT CBP @ 7620', CFP @ 7920' AND 8180' TO COMMINGLE THE JSND-CDL-NBRR. 09/11/2011.

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

**Test Information:**

Date: 09/12/2011 Hours: 24 Bbls oil: 116 Mcf Gas: 321 Bbls H2O: 81

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 116 Mcf Gas: 321 Bbls H2O: 81 GOR: 2767

Test Method: FLOWING Casing PSI: 2274 Tubing PSI: 1303 Choke Size: \_\_\_\_\_

Gas Disposition: SOLD Gas Type: DRY BTU Gas: 1158 API Gravity Oil: 49

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8524 Tbg setting date: 09/11/2011 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: \_\_\_\_\_

FORMATION: J SAND Status: PRODUCING

Treatment Date: 08/01/2011 Date of First Production this formation: 09/06/2011

Perforations Top: 8550 Bottom: 8575 No. Holes: 50 Hole size: \_\_\_\_\_

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

J SAND COMPLETION. FRAC'D THE J-SAND 8550'-8575', (50 HOLES) W/71,694 GAL 18# VISTAR HYBRID CROSS LINKED GEL CONTAINING 250,000# 20/40 SAND. 08/01/11.

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

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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: \_\_\_\_\_

FORMATION: NIOBRARA-CODELL Status: PRODUCING

Treatment Date: 08/01/2011 Date of First Production this formation: 09/06/2011

Perforations Top: 7687 Bottom: 8127 No. Holes: 196 Hole size: \_\_\_\_\_

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

CDL-NBRR COMPLETION. SET CFP @ 8180'. 08/01/2011. FRAC'D THE CODELL 8109'-8127', (36 HOLES) W/81,438 GAL 22 # VISTAR HYBRID CROSS LINKED GEL CONTAINING 250,100# 40/70 SAND. 08/01/11 SET CFP @ 7920'. 08/01/11. FRAC'D THE NIOBRARA 7687'-7872' (160 HOLES), W/98,015 GALS 18# VISTAR HYBRID CROSS LINKED GEL CONTAINING 250,240 # 40/70 SAND. 08/01/11.

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

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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: \_\_\_\_\_

Comment: \_\_\_\_\_

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: SHEILLA REED-HIGH

Title: OPERATIONS

Date: 11/18/2011

Email: SHEILLA.REEDHIGH@ENCANA.COM

**Attachment Check List**

Att Doc Num	Name
2286150	FORM 5A SUBMITTED
2286151	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	added API Gravity 49.3 per production.	1/19/2012 2:09:04 PM
Data Entry	CHECK JSAND-NBRR-CDL API GRAVITY OIL - REQUIRED IF BBLs OIL IS ENTERED.	12/29/2011 1:59:13 PM

Total: 2 comment(s)