

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:

400262233

Date Received:

03/17/2012

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: Sheilla Reed-High  
Phone: (720) 876-3678  
Fax: (720) 876-4678

5. API Number 05-014-20670-00  
6. County: BROOMFIELD  
7. Well Name: CRANDELL  
Well Number: 24-26  
8. Location: QtrQtr: NWSW Section: 26 Township: 1N Range: 68W Meridian: 6  
9. Field Name: SPINDLE Field Code: 77900

Completed Interval

|   |   |
|---|---|
| FORMATION: <u>CODELL</u>  | Status: <u>COMMINGLED</u>   |
| Treatment Date: <u>11/22/2011</u>   | Date of First Production this formation: <u>02/11/2012</u>              |
| Perforations Top: <u>8244</u> Bottom: <u>8262</u>   | No. Holes: <u>36</u> Hole size: <u>0.42</u>                             |
| Provide a brief summary of the formation treatment: <u>Open Hole: <input type="checkbox"/></u>  |   |
| <u>Set CFP @ 8320'. 11-22-11. Frac'd the Codell 8244' - 8262', (36 holes) w/ 88,074 gal 22 # Vistar Hybrid cross linked gel containing 250,020 # 30/50 sand. 11-22-11</u> |   |
| This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   |
| <b>Test Information:</b>  |   |
| 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: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, number of sacks cmt _____                                       |   |
| Bridge Plug Depth: _____ Sacks cement on top: _____   |   |

FORMATION: J-NIOBRARA-CODELL

Status: COMMINGLED

Treatment Date: \_\_\_\_\_

Date of First Production this formation: 02/11/2012

Perforations Top: 7810 Bottom: 8710 No. Holes: 268 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

Set CBP @ 7760'. 02-08-12. Drilled out CBP @ 7760', CFP @ 8080', CFP @ 8320' to commingle the JSND-NBRR-CDL. 02-09-12

This formation is commingled with another formation: ☐ Yes ☒ No**Test Information:**

Date: 02/12/2012 Hours: 24 Bbls oil: 60 Mcf Gas: 338 Bbls H2O: 146

Calculated 24 hour rate: Bbls oil: 60 Mcf Gas: 338 Bbls H2O: 146 GOR: 5633

Test Method: FLOWING Casing PSI: 414 Tubing PSI: 1622 Choke Size: 14

Gas Disposition: SOLD Gas Type: DRY BTU Gas: 1193 API Gravity Oil: 49

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8676 Tbg setting date: 02/09/2012 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: 11/22/2011

Date of First Production this formation: 02/11/2012

Perforations Top: 8690 Bottom: 8710 No. Holes: 40 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐Frac'd the J-Sand 8690'– 8710', (40 holes) w/ 59,262 gal 18 # Vistar  
Hybrid cross linked gel containing 251,480 20/40 Sand. 11-22-11This 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: 11/22/2011

Date of First Production this formation: 02/11/2012

Perforations Top: 7810 Bottom: 8262 No. Holes: 228 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐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

Status: COMMINGLED

Treatment Date: 11/22/2011

Date of First Production this formation: 02/11/2012

Perforations Top: 7810 Bottom: 8017 No. Holes: 192 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

Set CFP @ 8080'. 11-22-11. Frac'd the Niobrara 7810' – 8017' (192 holes), w/ 97,818 gals 18 # Vistar Hybrid cross linked gel containing 251,140# 30/50 sand. 11-22-11

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: Drilling and Compl. Tech. Date: 3/17/2012 Email: sheilla.reedhigh@Encana.com

### Attachment Check List

| Att Doc Num | Name              |
|-------------|-------------------|
| 400262233   | FORM 5A SUBMITTED |
| 400262343   | WELLBORE DIAGRAM  |

Total Attach: 2 Files

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)