

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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Date Received:

03/28/2013

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: 100322

2. Name of Operator: NOBLE ENERGY INC

3. Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

4. Contact Name: JEAN MUSE-REYNOLDS

Phone: (303) 228-4316

Fax: (303) 228-4286

Email: jmuse@nobleenergyinc.com

5. API Number 05-123-35208-00

7. Well Name: GUTTERSEN USX D

8. Location: QtrQtr: NESW Section: 21 Township: 3N Range: 64W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 21-24D

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>09/20/2012</u>		End Date: <u>09/20/2012</u>		Date of First Production this formation: <u>11/16/2012</u>	
Perforations	Top: <u>7100</u>	Bottom: <u>7112</u>	No. Holes: <u>48</u>	Hole size: <u>4/10</u>	

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

8 stages: PUMPED 169396# OTTAWA SAND DOWNHOLE in 219744gals of SLICK/RECYCLED/FRESH WATER  
 CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG  
 FLOWBACK VOLUMES REPORTED ON NIOBRARA PANEL

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>5232</u>	Max pressure during treatment (psi): <u>5880</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.34</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.93</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>8</u>
Recycled water used in treatment (bbl): <u>184</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): <u>5048</u>	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>169396</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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\*\* Bridge Plug Depth: \_\_\_\_\_     
 \*\* Sacks cement on top: \_\_\_\_\_     
 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_  
Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 11/16/2012  
Perforations Top: 6868 Bottom: 7112 No. Holes: 96 Hole size: 4/10  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG  
FLOWBACK VOLUMES REPORTED ON NIOBRARA PANEL

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: 11/28/2012 Hours: 24 Bbl oil: 58 Mcf Gas: 187 Bbl H2O: 8  
Calculated 24 hour rate: Bbl oil: 58 Mcf Gas: 187 Bbl H2O: 8 GOR: 3224  
Test Method: FLOWING Casing PSI: 1600 Tubing PSI: 0 Choke Size: 10/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1150 API Gravity Oil: 52  
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 Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 09/20/2012 End Date: 09/20/2012 Date of First Production this formation: 11/16/2012  
Perforations Top: 6868 Bottom: 6974 No. Holes: 48 Hole size: 73/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

7 stages: PUMPED 167734# OTTAWA SAND DOWNHOLE in 213066gals of SLICK/RECYCLED/FRESH WATER  
CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG  
FLOWBACK VOLUMES REPORTED ON NIOBRARA PANEL

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

Total fluid used in treatment (bbl): 5073

Max pressure during treatment (psi): 5337

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): 0.93

Total acid used in treatment (bbl):

Number of staged intervals: 7

Recycled water used in treatment (bbl): 181

Flowback volume recovered (bbl): 700

Fresh water used in treatment (bbl): 4892

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 167734

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:

Well "BRIDGED OUT" , so the only log available was the CBL. No open hole log run.

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

Signed: Print Name: JEAN MUSE-REYNOLDS

Title: REGULATORY COMPLIANCE Date: 3/28/2013 Email: jnmuse@nobleenergyinc.com

#### Attachment Check List

Att Doc Num	Name
400380980	FORM 5A SUBMITTED

Total Attach: 1 Files

#### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)