

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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07/25/2013

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: <u>100322</u>	4. Contact Name: <u>Eileen Roberts</u>
2. Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(303) 2284330</u>
3. Address: <u>1625 BROADWAY STE 2200</u>	Fax: <u>(303) 2284286</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>eroberts@nobleenergyinc.com</u>

5. API Number <u>05-123-23003-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>GUTTERSEN</u>	Well Number: <u>31-23</u>
8. Location: QtrQtr: <u>NWNE</u> Section: <u>23</u> Township: <u>3N</u> Range: <u>64W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/17/2012 End Date: 08/17/2012 Date of First Production this formation: 08/21/2012

Perforations Top: 6962 Bottom: 6972 No. Holes: 40 Hole size: \_\_\_\_\_

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

Frac'd the Codell w/ 141145 gals of Vistar and Slick Water 15% HCl with 245547#s of Ottawa sand.

Commingle w/NBRR

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3372 Max pressure during treatment (psi): 4481

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.96

Total acid used in treatment (bbl): 12 Number of staged intervals: 7

Recycled water used in treatment (bbl): 265 Flowback volume recovered (bbl): 936

Fresh water used in treatment (bbl): 3095 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 245547 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: NIORARA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 08/21/2012

Perforations Top: 6747 Bottom: 6972 No. Holes: 88 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: 09/05/2012 Hours: 24 Bbl oil: 91 Mcf Gas: 777 Bbl H2O: 10  
Calculated 24 hour rate: Bbl oil: 91 Mcf Gas: 777 Bbl H2O: 10 GOR: 8538  
Test Method: FLOWING Casing PSI: 220 Tubing PSI: 0 Choke Size: 14/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1236 API Gravity Oil: 53  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6937 Tbg setting date: 09/07/2012 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: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/17/2012 End Date: 08/17/2012 Date of First Production this formation: 08/21/2012

Perforations Top: 6747 Bottom: 6851 No. Holes: 48 Hole size:

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

Frac'd the Niobrara w/ 162106 gals of Vistar and Slick Water with 252940#s of Ottawa sand.  
Commingle w/CDLL

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3859 Max pressure during treatment (psi): 4748

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): 0.82

Total acid used in treatment (bbl): Number of staged intervals: 7

Recycled water used in treatment (bbl): 259 Flowback volume recovered (bbl): 936

Fresh water used in treatment (bbl): 3600 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 252940 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: Eileen Roberts

Title: Regulatory Specialist Date: 7/25/2013 Email: eroberts@nobleenergyinc.com

**Attachment Check List**

Att Doc Num	Name
400453441	FORM 5A SUBMITTED

Total Attach: 1 Files

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User Group	Comment	Comment Date

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