

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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: Andrea Rawson Phone: (303) 228-4253 Fax: (303) 228-4286

5. API Number 05-123-22417-00 6. County: WELD 7. Well Name: MOSER H Well Number: 26-14 8. Location: QtrQtr: SESW Section: 26 Township: 3N Range: 65W Meridian: 6 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/20/2012 End Date: 08/20/2012 Date of First Production this formation: 05/25/2005 Perforations Top: 7159 Bottom: 7173 No. Holes: 56 Hole size:

Provide a brief summary of the formation treatment: Open Hole: Re-Frac'd Codell w/ 143744 gals of Slick Water, Vistar, and 15% HCl with 239328#'s of Ottawa sand.

This formation is commingled with another formation: [X] Yes [ ] No Total fluid used in treatment (bbl): 3422 Max pressure during treatment (psi): 4362 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): 0.83 Total acid used in treatment (bbl): Number of staged intervals: 7 Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 495 Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE Total proppant used (lbs): 239328 Rule 805 green completion techniques were utilized: [X] 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: 08/20/2012 End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6944 Bottom: 7173 No. Holes: 80 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: 09/06/2012 Hours: 24 Bbl oil: 52 Mcf Gas: 295 Bbl H2O: 43

Calculated 24 hour rate: Bbl oil: 52 Mcf Gas: 295 Bbl H2O: 43 GOR: 5673

Test Method: Flowing Casing PSI: 1176 Tubing PSI: 605 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1256 API Gravity Oil: 55

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7144 Tbg setting date: 08/29/2012 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: NIORBARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/20/2012 End Date: 08/20/2012 Date of First Production this formation: 08/23/2012  
Perforations Top: 6944 Bottom: 6956 No. Holes: 24 Hole size: 0.73

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

Frac'd Niobrara w/ 160485 gals of Slick Water and Vistar with 232292#'s of Ottawa sand.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3821 Max pressure during treatment (psi): 4986

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): \_\_\_\_\_ Number of staged intervals: 7

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 495

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

Total proppant used (lbs): 232292 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: Andrea Rawson  
Title: Regulatory Specialist Date: 10/30/2012 Email: arawson@nobleenergyinc.com

**Attachment Check List**

Att Doc Num	Name
400340922	FORM 5A SUBMITTED
400340936	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Received info. Split flowback volume between the two zones. Ready to pass.	2/13/2013 7:43:56 AM
Permit	Notified operator again about incomplete frac data - fluid density and flowback volume.	2/7/2013 1:30:36 PM
Permit	Incomplete frac data. Notified operator.	11/19/2012 10:38:51 AM

Total: 3 comment(s)