

FORM  
5ARev  
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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Document Number:

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Date Received:

## 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

4. Contact Name: Eileen Roberts

2. Name of Operator: NOBLE ENERGY INC

Phone: (303) 2284330

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 2284286

City: DENVER State: CO Zip: 80202

Email: eroberts@nobleenergyinc.com

5. API Number 05-123-39844-00

6. County: WELD

7. Well Name: Moses State

Well Number: LD11-77-1AHN

8. Location: QtrQtr: SESW

Section: 2

Township: 9N

Range: 58W

Meridian: 6

9. Field Name: WILDCAT

Field Code: 99999

## Completed Interval

FORMATION: NIOBRARA

Status: PRODUCING

Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/17/2015

End Date: 03/21/2015

Date of First Production this formation: 04/17/2015

Perforations

Top: 6105

Bottom: 10744

No. Holes: 85

Hole size: 0.73

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd the Niobrara w/ 3099030 gals of Silverstim and Slick Water with 4400000#s of Ottawa sand.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 73786

Max pressure during treatment (psi): 8125

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 0

Number of staged intervals: 20

Recycled water used in treatment (bbl): 3971

Flowback volume recovered (bbl): 230

Fresh water used in treatment (bbl): 69814

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4400000

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 04/24/2015

Hours: 24

Bbl oil: 458

Mcf Gas: 143

Bbl H2O: 562

Calculated 24 hour rate:

Bbl oil: 458

Mcf Gas: 143

Bbl H2O: 562

GOR: 312

Test Method: FLOWING

Casing PSI: 7

Tubing PSI: 503

Choke Size: 22/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1238

API Gravity Oil: 40

Tubing Size: 2 + 3/8

Tubing Setting Depth: 5944

Tbg setting date: 04/16/2015

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:

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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 Analyst I \_\_\_\_\_ Date: \_\_\_\_\_ Email: eroberts@nobleenergyinc.com \_\_\_\_\_  
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