

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

2. Name of Operator: NOBLE ENERGY INC

3. Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

4. Contact Name: Julie Webb

Phone: (720) 587-2223

Fax:

Email: jwebb@progressivepcs.net

5. API Number 05-123-41726-00

7. Well Name: Wells Ranch

6. County: WELD

Well Number: AE32-665

8. Location: QtrQtr: SWNW Section: 32 Township: 6N Range: 62W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

## Completed Interval

FORMATION: NIOBRARA

Status: PRODUCING

Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/21/2016 End Date: 03/06/2016 Date of First Production this formation: 05/06/2016

Perforations Top: 6965 Bottom: 15934 No. Holes: 0 Hole size:

Provide a brief summary of the formation treatment:

Open Hole: ☒

Niobrara Frac'd with 13,343,153 lb Ottawa Sand, 13034193 gal fresh water, 13639448 gal Silverstem and Slickwater  
Top packer set at 6856', bottom packer set at 15,773'

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

Total fluid used in treatment (bbl): 635087

Max pressure during treatment (psi): 8833

Total gas used in treatment (mcf):

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

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.87

Total acid used in treatment (bbl):

Number of staged intervals: 38

Recycled water used in treatment (bbl): 324749

Flowback volume recovered (bbl): 11401

Fresh water used in treatment (bbl): 310338

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 13343153

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 05/17/2016 Hours: 24 Bbl oil: 427 Mcf Gas: 280 Bbl H2O: 909

Calculated 24 hour rate: Bbl oil: 427 Mcf Gas: 280 Bbl H2O: 909 GOR: 656

Test Method: Flowing Casing PSI: 287 Tubing PSI: 685 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1388 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6628 Tbg setting date: 04/12/2016 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: Julie Webb

Title: Senior Regulatory Analyst Date: \_\_\_\_\_ Email: jwebb@progressivepcs.net  
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