

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



DE ET OE ES

Document Number:

402170673

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: 1001 NOBLE ENERGY WAY

City: HOUSTON

State: TX

Zip: 77070

4. Contact Name: Craig Richardson

Phone: (303) 228-4232

Fax:

Email: Denverregulatory@nblenergy.com

5. API Number 05-123-48159-00

7. Well Name: Wells Ranch State

6. County: WELD

Well Number: AA36-673

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: 06/11/2019

End Date: 06/27/2019

Date of First Production this formation: 09/05/2019

Perforations

Top: 6998

Bottom: 16825

No. Holes: 1845

Hole size: 0.32

Provide a brief summary of the formation treatment:

Open Hole: ☐

Niobrara completed with 164 bbls 28% HCl, 439,504 bbls slurry, 1,881,245 lbs 100 mesh, 16,449,207 lbs 40/70

This formation is commingled with another formation:

☐ Yes☒ No

Total fluid used in treatment (bbl): 439668

Max pressure during treatment (psi): 8268

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): 0.91

Total acid used in treatment (bbl): 164

Number of staged intervals: 42

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 0

Fresh water used in treatment (bbl): 439504

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 18330452

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 09/09/2019

Hours: 24

Bbl oil: 408

Mcf Gas: 340

Bbl H2O: 752

Calculated 24 hour rate:

Bbl oil: 408

Mcf Gas: 340

Bbl H2O: 971

GOR: 833

Test Method: Flowing

Casing PSI: 31

Tubing PSI: 971

Choke Size: 18/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1298

API Gravity Oil: 42

Tubing Size: 2 + 3/8

Tubing Setting Depth: 6848

Tbg setting date: 08/11/2019

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:

Actual TPZ is Sec 31 T6N R62W: 1220 FNL 379 FEL

This well did not flowback, the well went straight to the production facility.

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

Signed: \_\_\_\_\_ Print Name: Stephany Olsen

Title: Regulatory Analyst Date: \_\_\_\_\_ Email stephany.olsen@nblenergy.com  
:

### **Attachment Check List**

**Att Doc Num**      **Name**

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Total Attach: 0 Files

### **General Comments**

**User Group**      **Comment**      **Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)