

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



DE ET OE ES

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: 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 05-123-48163-00

7. Well Name: Wells Ranch State

8. Location: QtrQtr: SWNW

Section: 32

Township: 6N

Range: 62W

Meridian: 6

9. Field Name: WATTENBERG

Field Code: 90750

6. County: WELD

Well Number: AA36-683

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: 08/17/2019

Perforations

Top: 7187

Bottom: 17022

No. Holes: 1842

Hole size: 0.32

Provide a brief summary of the formation treatment:

Open Hole: ☐

Niobrara completed with 168 bbls 28% HCl, 453,500 bbls slurry, 1,908,674 lbs 100 mesh, 16,829,322 lbs 40/70

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 453668

Max pressure during treatment (psi): 8182

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): 168

Number of staged intervals: 42

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 1885

Fresh water used in treatment (bbl): 453500

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 18737996

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/11/2019

Hours: 24

Bbl oil: 126

Mcf Gas: 107

Bbl H2O: 131

Calculated 24 hour rate:

Bbl oil: 126

Mcf Gas: 107

Bbl H2O: 131

GOR: 849

Test Method: Flowing

Casing PSI: 15

Tubing PSI: 772

Choke Size: 18/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1286

API Gravity Oil: 42

Tubing Size: 2 + 3/8

Tubing Setting Depth: 7008

Tbg setting date: 08/30/2019

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: 550 FNL 362 FEL

Five dissolvable bridge plus were left at the toe of the well and were not drilled out, and therefore, do not have a plug removal date. Based on the vendor's specifications and our well conditions, it is estimated that these plugs dissolve in approximately 21 days.

6 Composite flow thru plug left in the hole between 14,660' - 17,003'

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
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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)