

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



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Document Number:

401167296

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 05-123-43292-00  
6. County: WELD  
7. Well Name: Harper  
Well Number: LD21-675  
8. Location: QtrQtr: SWNW Section: 22 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: 10/27/2016 End Date: 11/03/2016 Date of First Production this formation: 11/27/2016

Perforations Top: 6275 Bottom: 10667 No. Holes: 810 Hole size: 0.48

Provide a brief summary of the formation treatment: Open Hole: ☐

Niobrara Frac'd with 1268854 lbs Ottawa Sand, 470,006 gal silverstem and slickwater, 342 bbl 15% HCL

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

Total fluid used in treatment (bbl): 11191 Max pressure during treatment (psi): 7130

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): 0.89

Total acid used in treatment (bbl): 342 Number of staged intervals: 27

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 8094

Fresh water used in treatment (bbl): 11191 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1268854 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/01/2016 Hours: 24 Bbl oil: 253 Mcf Gas: 63 Bbl H2O: 551

Calculated 24 hour rate: Bbl oil: 253 Mcf Gas: 63 Bbl H2O: 551 GOR: 249

Test Method: Flowing Casing PSI: 0 Tubing PSI: 0 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1345 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6018 Tbg setting date: 11/18/2016 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 Regualtory Analyst Date: \_\_\_\_\_ Email jwebb@progressivepcs.net  
:

### Attachment Check List

Att Doc Num      Name

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Total Attach: 0 Files

### General Comments

User Group      Comment

Comment Date

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|  |  | Stamp Upon<br>Approval |
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Total: 0 comment(s)