

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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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: Holly Hill
 2. Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4232
 3. Address: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070 Email: Denverregulatory@nblenergy.com

5. API Number 05-123-44847-00 6. County: WELD
 7. Well Name: Waste Management Well Number: Y23-776
 8. Location: QtrQtr: NWNW Section: 11 Township: 2N Range: 64W Meridian: 6
 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/22/2018 End Date: 07/15/2018 Date of First Production this formation: 09/06/2018

Perforations Top: 7146 Bottom: 19596 No. Holes: 1664 Hole size: 0.43

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

Niobrara completed with 466,578 bbls slurry, 1,011 bbls 28% HCl, 2,345,511 lbs 100 mesh, 22,465,672 lbs 40/70 sand

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 467589 Max pressure during treatment (psi): 8386
 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): 0.98
 Total acid used in treatment (bbl): 1011 Number of staged intervals: 53
 Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 9616
 Fresh water used in treatment (bbl): 466578 Disposition method for flowback: DISPOSAL
 Total proppant used (lbs): 24811183 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/17/2018 Hours: 24 Bbl oil: 125 Mcf Gas: 44 Bbl H2O: 749
 Calculated 24 hour rate: Bbl oil: 125 Mcf Gas: 44 Bbl H2O: 749 GOR: 352
 Test Method: Flowing Casing PSI: 31 Tubing PSI: 1597 Choke Size: 14/64
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1360 API Gravity Oil: 46
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 7080 Tbg setting date: 08/25/2018 Packer Depth: 7085

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 513' FNL, 926'FWL

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: Sr. Regulatory Analyst Date: _____ Email Julie.webb@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)