

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: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

4. Contact Name: Kathleen Mills

Phone: (720) 587-2226

Fax: (303) 228-4286

Email: kmills@nobleenergyinc.com

5. API Number 05-123-37221-00

6. County: WELD

7. Well Name: WELLS RANCH AE

Well Number: 20-65-1HN

8. Location: QtrQtr: NWSW Section: 20 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: 12/14/2013

End Date: 01/05/2014

Date of First Production this formation: 01/31/2014

Perforations Top: 7072 Bottom: 10984 No. Holes: 0 Hole size:

Provide a brief summary of the formation treatment:

Open Hole: ☒

12/13-15/2013 FRAC'D 10983-10984' W/201744 GALS PERMSTIM AND SLICK WATER AND 131910# OTTAWA SAND
1/4-5/2014 FRAC'D 7072-10731' W/2513212 GALS PERMSTIM AND SLICK WATER AND 3444188# OTTAWA SAND

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

Total fluid used in treatment (bbl): 64642

Max pressure during treatment (psi): 4266

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):

Number of staged intervals: 19

Recycled water used in treatment (bbl): 3702

Flowback volume recovered (bbl): 5789

Fresh water used in treatment (bbl): 60940

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3576098

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/06/2014 Hours: 24 Bbl oil: 265 Mcf Gas: 166 Bbl H2O: 302

Calculated 24 hour rate: Bbl oil: 265 Mcf Gas: 166 Bbl H2O: 302 GOR: 626

Test Method: FLOWING Casing PSI: 0 Tubing PSI: 450 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1225 API Gravity Oil: 40

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6835 Tbg setting date: 01/24/2014 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: Kathleen Mills

Title: Regulatory Analyst Date: _____ Email: kmills@nobleenergyinc.com
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
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Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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Total: 0 comment(s)