

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:

400426186

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

5. API Number 05-123-35649-00  
6. County: WELD  
7. Well Name: WELLS RANCH AE  
Well Number: 18-62-1HN  
8. Location: QtrQtr: SWSW Section: 18 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: 01/18/2013 End Date: 01/18/2013 Date of First Production this formation: 02/19/2013

Perforations Top: 7232 Bottom: 11109 No. Holes: 0 Hole size:

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

FRAC'D W/3245448 GAL PERMSTIM AND SLICK WATER, 56384# NORTON-ALCOA AND 3767069# OTTAWA SAND.

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

Total fluid used in treatment (bbl): 77273 Max pressure during treatment (psi): 6336

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): 0.89

Total acid used in treatment (bbl): Number of staged intervals: 20

Recycled water used in treatment (bbl): 4152 Flowback volume recovered (bbl): 8294

Fresh water used in treatment (bbl): 73121 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3823453 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/22/2013 Hours: 24 Bbl oil: 277 Mcf Gas: 291 Bbl H2O: 417

Calculated 24 hour rate: Bbl oil: 277 Mcf Gas: 291 Bbl H2O: 417 GOR: 1051

Test Method: FLOWING Casing PSI: 243 Tubing PSI: 350 Choke Size: 20/64

Gas Disposition: FLARED Gas Type: WET Btu Gas: 0 API Gravity Oil: 40

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6954 Tbg setting date: 01/31/2013 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:

--

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

:

### Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)