

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:

400645286

Date Received:

07/16/2014

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: eroberts@nobleenergyinc.com

5. API Number 05-123-37724-00
6. County: WELD
7. Well Name: Wells Ranch AA
Well Number: 21-67-1HN
8. Location: QtrQtr: SENE Section: 21 Township: 6N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/03/2014 End Date: 05/04/2014 Date of First Production this formation: 06/03/2014

Perforations Top: 6985 Bottom: 9707 No. Holes: 0 Hole size:

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

FRAC'D 13 STAGES W/2121276 GALS SILVERSTIM AND SLICK WATER, 422575# CARBO CERAMICS AND 2138274# OTTAWA SAND

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

Total fluid used in treatment (bbl): 50506 Max pressure during treatment (psi): 5855

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): 0.85

Total acid used in treatment (bbl): Number of staged intervals: 13

Recycled water used in treatment (bbl): 2777 Flowback volume recovered (bbl): 1064

Fresh water used in treatment (bbl): 47729 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2560849 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/11/2014 Hours: 24 Bbl oil: 474 Mcf Gas: 518 Bbl H2O: 285

Calculated 24 hour rate: Bbl oil: 474 Mcf Gas: 518 Bbl H2O: 285 GOR: 1093

Test Method: FLOWING Casing PSI: 18 Tubing PSI: 747 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1260 API Gravity Oil: 40

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6727 Tbg setting date: 05/28/2014 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:

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: 7/16/2014

Email: eroberts@nobleenergyinc.com

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Attachment Check List

Att Doc Num

Name

400645286

FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Permit	Added treatment start date per operator.	4/17/2015 1:39:27 PM
Permit	R'qstd treatment start date.	4/8/2015 10:27:19 AM

Total: 2 comment(s)