

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:

400536502

Date Received:

01/08/2014

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: kmills@nobleenergyinc.com

5. API Number 05-123-37482-00

6. County: WELD

7. Well Name: Rohn State

Well Number: LD04-64-1HN

8. Location: QtrQtr: NESE Section: 4 Township: 9N Range: 58W Meridian: 6

9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/30/2013 End Date: 10/30/2013 Date of First Production this formation: 11/28/2013

Perforations Top: 6132 Bottom: 9493 No. Holes: 0 Hole size:

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

FRAC'D W/2027099 GAL PERMSTIM AND SLICK WATER AND 2683872# OTTAWA SAND. AS OF 1/8/2014, NO TBG HAS BEEN INSTALLED.

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

Total fluid used in treatment (bbl): 48264

Max pressure during treatment (psi): 4307

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): 0.87

Total acid used in treatment (bbl):

Number of staged intervals: 18

Recycled water used in treatment (bbl): 2905

Flowback volume recovered (bbl): 10840

Fresh water used in treatment (bbl): 45359

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2683872

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/04/2013 Hours: 24 Bbl oil: 219 Mcf Gas: 7 Bbl H2O: 689

Calculated 24 hour rate: Bbl oil: 219 Mcf Gas: 7 Bbl H2O: 689 GOR: 32

Test Method: FLOWING Casing PSI: 3 Tubing PSI: 208 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1109 API Gravity Oil: 38

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5899 Tbg setting date: 04/15/2014 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: 1/8/2014 Email kmills@nobleenergyinc.com
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Attachment Check List

Att Doc Num **Name**

400536502	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator confirmed date of first production as 11/28/2014 and also submitted tubing data, which has been input into form.	2/13/2015 9:14:58 AM
Permit	Changed field name to DJ Horiz. Niobrara.	2/10/2015 11:58:16 AM

Total: 2 comment(s)