

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:

400867010

Date Received:

07/13/2015

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: EILEEN ROBERTS
Phone: (303) 228-4330
Fax: (303) 228-4286
Email: eileen.roberts@nblenergy.com

5. API Number 05-123-39817-00

6. County: WELD

7. Well Name: Upchurch State

Well Number: LD02-77-1BHN

8. Location: QtrQtr: SESW Section: 2

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: 05/07/2015

End Date: 05/14/2015

Date of First Production this formation: 06/17/2015

Perforations Top: 6065

Bottom: 9522

No. Holes: 81

Hole size: 0.73

Provide a brief summary of the formation treatment:

Open Hole: ☐

18 stages: Frac'd the Niobrara w/ 2,327,094 gals of Silverstim and Slick Water with 3537460#'s of Ottawa sand.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 55407

Max pressure during treatment (psi): 8437

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.82

Total acid used in treatment (bbl): 0

Number of staged intervals: 18

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 130

Fresh water used in treatment (bbl): 55407

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3537460

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/24/2015

Hours: 24

Bbl oil: 557

Mcf Gas: 82

Bbl H2O: 361

Calculated 24 hour rate:

Bbl oil: 557

Mcf Gas: 82

Bbl H2O: 361

GOR: 147

Test Method: FLOWING

Casing PSI: 941

Tubing PSI: 522

Choke Size: 22/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1234

API Gravity Oil: 42

Tubing Size: 2 + 3/8

Tubing Setting Depth: 5961

Tbg setting date: 06/04/2015

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: EILEEN ROBERTS

Title: REGULATORY ANALYST Date: 7/13/2015 Email eileen.roberts@nbleenergy.com
:

Attachment Check List

Att Doc Num **Name**

400867010	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	Corrected bbls of fluid in treatment from 62138 to 55407 as per operator. Corrected bbls fresh water from 58247 to 55407 as per operator. Corrected recycle water from 3890 to 0 bbl as per operator. Corrected operator statement of formation treatment from: 18 stages: Frac'd the Niobrara w/2609802 gals of Silverstim and Slick Water with 3537460#'s of Ottawa sand To: Frac'd the Niobrara w/2,327,094 gals of Silverstim and Slick Water. Operator reports that FracFocus is being corrected to reflect these changes.	7/20/2016 9:12:31 AM
Permit	Added DJ Basin HZ NBRR field name.	4/17/2016 3:05:25 PM

Total: 2 comment(s)