

FORM
5ARev
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:

400868989

Date Received:

07/15/2015

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 05-123-39820-00

7. Well Name: Sharpe State

6. County: WELD

Well Number: LD02-77HN

8. Location: QtrQtr: SWSW

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: 05/15/2015

End Date: 05/22/2015

Date of First Production this formation: 06/21/2015

Perforations

Top: 6060

Bottom: 9368

No. Holes: 79

Hole size: 0.7

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd the Niobrara w/ 2355528 gals of Silverstim and Slick Water 15% HCL with 2888535#'s of Ottawa sand.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 56084

Max pressure during treatment (psi): 9218

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): 0.84

Total acid used in treatment (bbl): 24

Number of staged intervals: 21

Recycled water used in treatment (bbl): 124

Flowback volume recovered (bbl): 274

Fresh water used in treatment (bbl): 55911

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2888535

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/30/2015

Hours: 24

Bbl oil: 577

Mcf Gas: 188

Bbl H2O: 243

Calculated 24 hour rate:

Bbl oil: 577

Mcf Gas: 188

Bbl H2O: 243

GOR: 325

Test Method: FLOWING

Casing PSI: 913

Tubing PSI: 409

Choke Size: 22/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1264

API Gravity Oil: 42

Tubing Size: 2 + 3/8

Tubing Setting Depth: 5857

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: 7/15/2015

Email eileen.roberts@nbleenergy.com

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Attachment Check List

Att Doc Num

Name

400868989

FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Permit	Corrected bbls of fluid in treatment from 59193 to 56084 as per operator. Corrected bbls fresh water from 56083 to 55911 as per operator. Corrected recycle water from 3109 to 173 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/2355528 gals of Silverstim and Slick Water. Operator reports that FracFocus is being corrected to reflect these changes.	7/18/2016 11:42:13 AM
Permit	Corrected Field Code from Wildcat to DJ Horizontal Niobrara and notified Operator.	6/30/2016 3:47:38 PM

Total: 2 comment(s)