

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:

400978003

Date Received:

01/26/2016

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: Julie Webb
Phone: (720) 587-2223
Fax:
Email: jwebb@progressivepcs.net

5. API Number 05-123-41562-00
6. County: WELD
7. Well Name: Gracie
Well Number: LD22-730
8. Location: QtrQtr: SWSE Section: 22 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: 10/27/2015 End Date: 10/28/2015 Date of First Production this formation: 12/14/2015

Perforations Top: 6289 Bottom: 10378 No. Holes: 0 Hole size:

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

Niobrara Frac'd with 2932672 lb Ottawa Sand, 3763704 gal Fresh water, 3903187 gal Silverstem and slick water

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

Total fluid used in treatment (bbl): 182545 Max pressure during treatment (psi): 4986

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): 0.83

Total acid used in treatment (bbl): Number of staged intervals: 23

Recycled water used in treatment (bbl): 92933 Flowback volume recovered (bbl): 6486

Fresh water used in treatment (bbl): 89612 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2932672 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/23/2015 Hours: 24 Bbl oil: 515 Mcf Gas: 140 Bbl H2O: 320

Calculated 24 hour rate: Bbl oil: 515 Mcf Gas: 140 Bbl H2O: 320 GOR: 272

Test Method: Flowing Casing PSI: 1014 Tubing PSI: 467 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1382 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6080 Tbg setting date: 11/19/2015 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:

Top packer was set at 6191' and the bottom packer was set at 10259'

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Julie Webb

Title: Regulatory Analyst

Date: 1/26/2016

Email: jwebb@progressivepcs.net

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Attachment Check List

Att Doc Num

Name

400978003

FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Permit	Checked with operator about producing formation. Niobrara is the producing formation not Codell.	04/26/2017
Permit	Formation tops have been added to the form 5. Frac Focus is being corrected. As per operator Production reporting is being corrected.	06/09/2016
Permit	Corrected field name from Wildcat to DJ Horizontal Niobrara as directed. Production reporting (Form 7) is to codell. Total fluids reported (7,666,891) doesn't match Frac Focus (3,763,695) Could not verify perf interval because formation tops are missing on the form 5. Corrected Open Hole to yes. Added comment for packer setting depth to comments in Submit tab.	05/18/2016

Total: 3 comment(s)