

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:

400809221

Date Received:

10/06/2017

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: 69175

2. Name of Operator: PDC ENERGY INC

3. Address: 1775 SHERMAN STREET - STE 3000

City: DENVER State: CO Zip: 80203

4. Contact Name: Ally Gale

Phone: (303) 831-3931

Fax: (303) 860-5838

Email: alexandria.gale@pdce.com

5. API Number 05-123-39799-00

7. Well Name: Peterson

8. Location: QtrQtr: NESE Section: 14 Township: 5N Range: 64W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 14X-234

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/07/2015 End Date: 03/14/2015 Date of First Production this formation: 03/28/2015
Perforations Top: 6998 Bottom: 10749 No. Holes: 684 Hole size: 42/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

20 stage plug and perf, perf'd from 6,998' to 10,618' - 1 toe sleeve @ 10,749

Total Fluid: 66,547 bbls

Slickwater: 19,544 bbls

Gel Fluid: 46,455 bbls

15% HCl acid: 548 bbls

Total proppant: 3,196,300 lbs

Silica Proppant: 3,196,300 lbs

Method for determining flowback volume: measuring flowback tank volumes.

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

Total fluid used in treatment (bbl): 66547

Max pressure during treatment (psi): 8547

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment:

Min frac gradient (psi/ft): 1.00

Total acid used in treatment (bbl): 548

Number of staged intervals: 20

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 7034

Fresh water used in treatment (bbl): 65999

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3196300

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/03/2015 Hours: 24 Bbl oil: 405 Mcf Gas: 856 Bbl H2O: 403
Calculated 24 hour rate: Bbl oil: 405 Mcf Gas: 856 Bbl H2O: 403 GOR: 2113
Test Method: Flowing Casing PSI: 825 Tubing PSI: 1774 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1292 API Gravity Oil: 60
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6678 Tbg setting date: 03/27/2015 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: Cassie Gonzalez

Title: Regulatory Contractor Date: 10/6/2017 Email: cassie.gonzalez@pdce.com

Attachment Check List

Att Doc Num Name

400809221 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---------------------------------------|---------------------|
| Permit | Ready to approve. | 10/16/2017 |
| Permit | Returned to draft for AOC settlement. | 09/15/2016 |

Total: 2 comment(s)