

FORM
5A

Rev
09/20

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:

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Date Received:

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: Cassie Gonzalez

Phone: (303) 860-5800

Fax:

Email: Cassie.Gonzalez@pdce.com

5. API Number 05-123-46758-00

7. Well Name: Lincoln State

8. Location: QtrQtr: NENW Section: 18 Township: 6N Range: 66W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 1N-17C-M

Completed Interval

FORMATION: NIOBRARA

Status: PRODUCING

Treatment Type: HYDRAULIC FRACTURING

Treatment Date: 07/12/2021

End Date: 07/22/2021

Date this Formation was Completed: 08/14/2021

Perforations Top: 7594

Bottom: 15480

No. Holes: 1596

Hole size: 42/100

Open Hole: ☐

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

45 Stage Plug and Perf

Total Fluid: 147,920 bbls

Gel Fluid: 67,938 bbls

Slickwater Fluid: 78,601 bbls

15% HCl Acid: 1,381 bbls

Total Proppant: 7,083,225 lbs

Silica Proppant: 7,083,225 lbs

Method for determining flowback: Measuring flowback tank volumes.

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

Total fluid used in treatment (bbl): 147920

Max pressure during treatment (psi): 5180

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): 1.06

Total acid used in treatment (bbl): 1381

Number of staged intervals: 45

Recycled or Reused Fluids used in treatment (bbl):

Flowback volume recovered (bbl): 6001

Fresh water used in treatment (bbl): 146539

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7083225

Fracture stimulations must be reported on FracFocus.org

Test Information:

08/23/2021

Hours: 24

Bbl oil: 124

Mcf Gas: 169

Bbl H2O: 595

Date Calculated 24 hour rate:

Bbl oil: 124

Mcf Gas: 169

Bbl H2O: 595

GOR: 1363

Test Method: Flowing

Casing PSI: 1623

Tubing PSI: 1164

Choke Size: 16/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1250

API Gravity Oil: 65

Tubing Size: 2 + 3/8

Tubing Setting Depth: 7252

Tbg setting date: 08/08/2021

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:

Actual Top of Productive Zone Footage: 475' FNL & 2,706' FEL Sec: 18 Twp: 6N Rng: 66W

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 Analyst

Date:

Email: Cassie.Gonzalez@pdce.com

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Attachment List

Att Doc Num

Name

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)