

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) 892-2109



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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: <u>69175</u>	4. Contact Name: <u>Cassie Gonzalez</u>
2. Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 860-5800</u>
3. Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>Cassie.Gonzalez@pdce.com</u>

5. API Number <u>05-123-46758-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Lincoln State</u>	Well Number: <u>1N-17C-M</u>
8. Location: QtrQtr: <u>NENW</u> Section: <u>18</u> Township: <u>6N</u> Range: <u>66W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

## 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

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

## Attachment List

Att Doc Num	Name

Total Attach: 0 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)