

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:

401888398

Date Received:

12/31/2018

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>Ally Ota</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: <u>(303) 831-3988</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>Alexandria.Ota@pdce.com</u>

5. API Number <u>05-123-46690-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>J Clark</u>	Well Number: <u>6N</u>
8. Location: QtrQtr: <u>NWNE</u> Section: <u>14</u> Township: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/25/2018 End Date: 10/31/2018 Date of First Production this formation: 12/10/2018  
Perforations Top: 7460 Bottom: 12181 No. Holes: 936 Hole size: 42/100

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

27 Stage Plug and Perf  
Total Fluid: 89,614 bbls  
Slickwater Fluid: 88,911 bbls  
15% HCl Acid: 703 bbls  
Total Proppant: 4,756,000 lbs  
Silica Proppant: 4,756,000 lbs  
Method for determining flowback: measuring flowback tank volumes.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 89614 Max pressure during treatment (psi): 4569  
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): 0.96  
Total acid used in treatment (bbl): 703 Number of staged intervals: 27  
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 4136  
Fresh water used in treatment (bbl): 88911 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 4756000 Rule 805 green completion techniques were utilized:   
Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

#### Test Information:

Date: 12/20/2018 Hours: 24 Bbl oil: 375 Mcf Gas: 1225 Bbl H2O: 152  
Calculated 24 hour rate: Bbl oil: 375 Mcf Gas: 1225 Bbl H2O: 152 GOR: 3267  
Test Method: Flowing Casing PSI: 2632 Tubing PSI: 1950 Choke Size: 16/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1251 API Gravity Oil: 47  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7021 Tbg setting date: 12/04/2018 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: 152' FSL & 1,619' FWL Sec: 11 Twp: 5N Rng: 65W

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 Technician Date: 12/31/2018 Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Name
401888398	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Permitting review complete.	10/31/2019

Total: 1 comment(s)