

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:  
400927410

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>Ally Gale</u>
2. Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 831-3931</u>
3. Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: <u>(303) 860-5838</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>alexandria.gale@pdce.com</u>

5. API Number <u>05-123-40468-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Rieder</u>	Well Number: <u>18T-201</u>
8. Location: QtrQtr: <u>SWSE</u> Section: <u>18</u> Township: <u>4N</u> Range: <u>67W</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: 10/02/2015 End Date: 10/03/2015 Date of First Production this formation: 10/17/2015  
Perforations Top: 7491 Bottom: 11418 No. Holes: Hole size:

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

20 Stage Sliding Sleeve  
Total Fluid: 76,880 bbls  
Gel fluid: 53,683 bbls  
Slickwater Fluid: 23,197 bbls  
Total Proppant: 4,351,840 lbs  
Silica Proppant: 4,351,840 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): 76880 Max pressure during treatment (psi): 4487  
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): 0.98  
Total acid used in treatment (bbl): Number of staged intervals: 20  
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 5818  
Fresh water used in treatment (bbl): 76880 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 4351840 Rule 805 green completion techniques were utilized:   
Reason why green completion not utilized:

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

#### Test Information:

Date: 10/24/2015 Hours: 24 Bbl oil: 309 Mcf Gas: 573 Bbl H2O: 711  
Calculated 24 hour rate: Bbl oil: 309 Mcf Gas: 573 Bbl H2O: 711 GOR: 1854  
Test Method: Flowing Casing PSI: 1844 Tubing PSI: 1338 Choke Size: 16/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1344 API Gravity Oil: 47  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7047 Tbg setting date: 10/16/2015 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:  
Swell Packer set at 7491'.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Signed: Print Name: Ally Gale  
Title: Regulatory Technician I Date: Email: alexandria.gale@pdce.com

### Attachment Check List

Att Doc Num	Name
401122683	WELLBORE DIAGRAM

Total Attach: 1 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)