

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



DE	ET	OE	ES
----	----	----	----

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: 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 05-123-40468-00

7. Well Name: Rieder

8. Location: QtrQtr: SWSE Section: 18 Township: 4N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 18T-201

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)