

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:

400998508

Date Received:

03/14/2020

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 05-123-41931-00

7. Well Name: R&R Farms

8. Location: QtrQtr: SWSW Section: 29 Township: 5N Range: 63W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 29L-301

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/30/2016 End Date: 01/31/2016 Date of First Production this formation: 03/05/2016
Perforations Top: 7077 Bottom: 10957 No. Holes: Hole size:

Provide a brief summary of the formation treatment:

Open Hole: ☒

20 Stage Sliding Sleeve, Swell Packer set at 7,077'

Total Fluid: 77,968 bbls

Gel Fluid: 42,523 bbls

Slickwater Fluid: 35,445 bbls

Total Proppant: 4,439,040 lbs

Silica Proppant: 4,439,040 lbs

Method for determining flowback: measuring flowback tank volumes.

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

Total fluid used in treatment (bbl): 77968

Max pressure during treatment (psi): 3920

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): 0.95

Total acid used in treatment (bbl):

Number of staged intervals: 20

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 6958

Fresh water used in treatment (bbl): 77968

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4439040

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/25/2016 Hours: 24 Bbl oil: 393 Mcf Gas: 715 Bbl H2O: 257
Calculated 24 hour rate: Bbl oil: 393 Mcf Gas: 715 Bbl H2O: 257 GOR: 1827
Test Method: Flowing Casing PSI: 1295 Tubing PSI: 1339 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1270 API Gravity Oil: 49
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6532 Tbg setting date: 02/28/2016 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:

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: 3/14/2020 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num **Name**

400998508 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Return to draft for AOC settlement.	09/16/2016

Total: 1 comment(s)