

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:
402371896

Date Received:
04/20/2020

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: <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>05-123-46838-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Lory</u>	Well Number: <u>9N</u>
8. Location: QtrQtr: <u>SWSE</u> Section: <u>33</u> Township: <u>4N</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: 01/24/2020 End Date: 02/14/2020 Date of First Production this formation: 03/31/2020
Perforations Top: 7312 Bottom: 17227 No. Holes: 1320 Hole size: 42/100

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

56 Stage Plug and Perf
Total Fluid: 103,709 bbls
Slickwater Fluid: 102,403 bbls
15% HCl Acid: 1,306 bbls
Total Proppant: 10,990,189 lbs
Silica Proppant: 10,990,189 lbs
Method for determining flowback: measuring flowback tank volumes.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 103709 Max pressure during treatment (psi): 4512
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): 0.94
Total acid used in treatment (bbl): 1306 Number of staged intervals: 56
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 9207
Fresh water used in treatment (bbl): 102403 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 10990189 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/07/2020 Hours: 24 Bbl oil: 263 Mcf Gas: 2927 Bbl H2O: 93
Calculated 24 hour rate: Bbl oil: 263 Mcf Gas: 2927 Bbl H2O: 93 GOR: 11129
Test Method: Flowing Casing PSI: 2877 Tubing PSI: 2606 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1340 API Gravity Oil: 49
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7166 Tbg setting date: 03/21/2020 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: 546' FSL & 1,066' FEL Sec: 33 Twp: 4N 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 Analyst Date: 4/20/2020 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Name
402371896	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting review complete.	05/07/2020

Total: 1 comment(s)