

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:

401147359

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>05-123-42325-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Spaur</u>	Well Number: <u>10Y-241</u>
8. Location: QtrQtr: <u>SESW</u> Section: <u>10</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: 06/28/2016 End Date: 07/04/2016 Date of First Production this formation: 07/22/2016
Perforations Top: 7784 Bottom: 11861 No. Holes: 684 Hole size: 42/100

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

20 Stage Plug and Perf, Perf'd from 7784-11619, 3 Toe Sleeves from 11764-11861

Total fluid: 74,894 bbls
Gel Fluid: 50,164 bbls
Slickwater Fluid: 24,239 bbls
15% HCl Acid: 491 bbls

Total Proppant: 3,928,200 lbs
Silica Proppant: 3,928,200 lbs

Method for determining flowback: measuring flowback tank volumes

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 74894

Max pressure during treatment (psi): 4267

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): 0.93

Total acid used in treatment (bbl): 491

Number of staged intervals: 20

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 8627

Fresh water used in treatment (bbl): 74403

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3928200

Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/27/2016 Hours: 24 Bbl oil: 356 Mcf Gas: 919 Bbl H2O: 574

Calculated 24 hour rate: Bbl oil: 356 Mcf Gas: 919 Bbl H2O: 574 GOR: 2581

Test Method: Flowing Casing PSI: 2638 Tubing PSI: 1661 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1277 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7515 Tbg setting date: 07/20/2016 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: Ally Gale

Title: Regulatory Tech Date: Email: alexandria.gale@pdce.com

Attachment Check List

Att Doc Num **Name**

401204316 WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Stamp Upon
Approval

Total: 0 comment(s)