

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:
400495428

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.

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| 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) 860-5800</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> |

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|---|----------------------------|
| 5. API Number <u>05-123-36955-00</u> | 6. County: <u>WELD</u> |
| 7. Well Name: <u>Waste Management</u> | Well Number: <u>2i-221</u> |
| 8. Location: QtrQtr: <u>SWSW</u> Section: <u>2</u> Township: <u>2N</u> Range: <u>64W</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: 09/05/2013 End Date: 09/06/2013 Date of First Production this formation: 09/20/2013
Perforations Top: 7368 Bottom: 11210 No. Holes: Hole size:

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

16 Stage Sliding Sleeve, Swell Packer set at 7368'
Total Fluid: 62,774 bbls
Gel Fluid: 47,135 bbls
Slickwater Fluid: 15,639 bbls
Total Silica Proppant: 3,548,874 lbs
Method for determining flowback: measuring flowback tank volumes

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 62774 Max pressure during treatment (psi): 3636
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): 0.96
Total acid used in treatment (bbl): Number of staged intervals: 16
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 5925
Fresh water used in treatment (bbl): 62774 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3548874 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/21/2013 Hours: 24 Bbl oil: 341 Mcf Gas: 325 Bbl H2O: 434
Calculated 24 hour rate: Bbl oil: 341 Mcf Gas: 325 Bbl H2O: 434 GOR: 953
Test Method: Flowing Casing PSI: 879 Tubing PSI: 1310 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1352 API Gravity Oil: 44
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6842 Tbg setting date: 10/05/2015 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:

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 |
|-------------|------|
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Total Attach: 0 Files

General Comments

User Group

Comment

Comment Date

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| | | Stamp Upon Approval |
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Total: 0 comment(s)