

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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11/04/2016

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) 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>

5. API Number <u>05-123-37929-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Harvesters Resources</u>	Well Number: <u>15M-303</u>
8. Location: QtrQtr: <u>NWNE</u> Section: <u>15</u> Township: <u>6N</u> Range: <u>66W</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: 06/02/2014 End Date: 06/05/2014 Date of First Production this formation: 06/17/2014
Perforations Top: 7747 Bottom: 11587 No. Holes: Hole size:

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

16 Stage Sliding Sleeve
Total Fluid: 63,786 bbls
Gel Fluid: 50,883 bbls
Slickwater Fluid: 12,903 bbls
Total Proppant: 3,662,060 lbs
Silica Proppant: 3,662,060 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): 63786 Max pressure during treatment (psi): 4000
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): 1.00
Total acid used in treatment (bbl): Number of staged intervals: 16
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 4884
Fresh water used in treatment (bbl): 63786 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3662060 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/17/2014 Hours: 24 Bbl oil: 301 Mcf Gas: 641 Bbl H2O: 76
Calculated 24 hour rate: Bbl oil: 301 Mcf Gas: 641 Bbl H2O: 76 GOR: 2129
Test Method: Flowing Casing PSI: 1922 Tubing PSI: 930 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1283 API Gravity Oil: 48
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7323 Tbg setting date: 06/10/2014 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 7747'

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: 11/4/2016 Email: alexandria.gale@pdce.com

Attachment Check List

Att Doc Num	Name
400717719	FORM 5A SUBMITTED
401129149	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Filed name missing. Corrected	11/10/2016
Permit	Return to draft for AOC settlement.	09/06/2016

Total: 2 comment(s)