

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:

400384488

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02/22/2013

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>Jenifer Hakkarinen</u>
2. Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 8605800</u>
3. Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: <u>(303) 8605838</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	

5. API Number <u>05-123-21296-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Baker</u>	Well Number: <u>42-5</u>
8. Location: QtrQtr: <u>SENE</u> Section: <u>5</u> Township: <u>4N</u> Range: <u>63W</u> Meridian: <u>6</u>	
9. Field Name: _____	Field Code: _____

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/02/2012 End Date: 11/02/2012 Date of First Production this formation: 11/30/2012  
Perforations Top: 6569 Bottom: 6577 No. Holes: 24 Hole size: 13/34

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

(217,000 lbs Preferred Rock 20/40) (8,000 lbs SBXL 20/40). RD HES. MTP = 3915 psi, ATP = 3503 psi, AIR = 19.3 bpm. Pressure response was slightly positive for entire treatment.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): <u>2732</u>	Max pressure during treatment (psi): <u>3915</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.53</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.64</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): <u>3</u>
Fresh water used in treatment (bbl): <u>2732</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>225000</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_  
Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_  
Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_  
Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_  
Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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.

FORMATION: NIORARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 11/30/2012

Perforations Top: 6322 Bottom: 6577 No. Holes: 52 Hole size: \_\_\_\_\_

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

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 3

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: DISPOSAL

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 12/29/2012 Hours: 24 Bbl oil: 34 Mcf Gas: 70 Bbl H2O: 3

Calculated 24 hour rate: Bbl oil: 34 Mcf Gas: 70 Bbl H2O: 3 GOR: 2058

Test Method: Flowing Casing PSI: 838 Tubing PSI: 678 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1081 API Gravity Oil: 47

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/02/2012 End Date: 11/02/2012 Date of First Production this formation: 11/30/2012  
Perforations Top: 6322 Bottom: 6404 No. Holes: 28 Hole size: 27/64

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

(238,840 lbs 20/40 Preferred Rock) (12,040 20/40 SB Excel. RD HES. MTP = 4,811 psi, ATP = 4,337 psi, AIR = 50.5 bpm. Pressure response was flat for entire treatment. "

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3690 Max pressure during treatment (psi): 4881

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.53

Type of gas used in treatment: Min frac gradient (psi/ft): 0.94

Total acid used in treatment (bbl): 119 Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 3

Fresh water used in treatment (bbl): 3571 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250880 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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: Jenifer Hakkarinen

Title: Regulatory tech Date: 2/22/2013 Email: Jenifer.Hakkarinen@pdce.com

**Attachment Check List**

Att Doc Num	Name
400384488	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

**User Group Comment Comment Date**

User Group	Comment	Comment Date
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Total: 0 comment(s)