

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



Table with columns DE, ET, OE, ES

Document Number: 400336671 Date Received: 11/09/2012

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, reoperation 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: 69175 2. Name of Operator: PDC ENERGY INC 3. Address: 1775 SHERMAN STREET - STE 3000 City: DENVER State: CO Zip: 80203 4. Contact Name: Jeff Glossa Phone: (303) 831-3972 Fax: (303) 860-5838

5. API Number 05-123-22969-00 6. County: WELD 7. Well Name: BIXLER Well Number: 32-5 8. Location: QtrQtr: SWNE Section: 5 Township: 6N Range: 63W Meridian: 6 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/06/2012 End Date: 09/06/2012 Date of First Production this formation: 09/18/2012 Perforations Top: 6830 Bottom: 6838 No. Holes: 24 Hole size: 13/32

Provide a brief summary of the formation treatment: Open Hole: [ ] re perf Codell 6830-6838

This formation is commingled with another formation: [X] Yes [ ] No Total fluid used in treatment (bbl): 2738 Max pressure during treatment (psi): 3852 Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.22 Type of gas used in treatment: Min frac gradient (psi/ft): 0.98 Total acid used in treatment (bbl): 119 Number of staged intervals: 1 Recycled water used in treatment (bbl): Flowback volume recovered (bbl): Fresh water used in treatment (bbl): 2619 Disposition method for flowback: DISPOSAL Total proppant used (lbs): 225000 Rule 805 green completion techniques were utilized: [X] 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: 2 + 3/8 Tubing Setting Depth: 6815 Tbg setting date: 09/18/2012 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-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6561 Bottom: 6838 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): \_\_\_\_\_

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

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: 09/26/2012 Hours: 24 Bbl oil: 81 Mcf Gas: 4 Bbl H2O: 1

Calculated 24 hour rate: Bbl oil: 81 Mcf Gas: 4 Bbl H2O: 1 GOR: 49

Test Method: Flowing Casing PSI: 800 Tubing PSI: 500 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1292 API Gravity Oil: 41

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6816 Tbg setting date: 09/18/2012 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: 09/06/2012 End Date: 09/06/2012 Date of First Production this formation: 09/18/2012  
 Perforations Top: 6561 Bottom: 6743 No. Holes: 28 Hole size: 13/32

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

NBRR Bench "A" @ 6561-6563, Bench "B" @ 6669-6677

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 4129 Max pressure during treatment (psi): 5339  
 Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_  
 Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.99  
 Total acid used in treatment (bbl): 120 Number of staged intervals: 1  
 Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_  
 Fresh water used in treatment (bbl): 4129 Disposition method for flowback: DISPOSAL  
 Total proppant used (lbs): 253220 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: 2 + 3/8 Tubing Setting Depth: 6815 Tbg setting date: 09/18/2012 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: Jeff Glossa  
 Title: Sr Engineering Tech Date: 11/9/2012 Email: Jeffrey.Glossa@pdce.com

**Attachment Check List**

Att Doc Num	Name
400336671	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Off hold form 5 approved.	12/20/2012 12:37:43 PM
Permit	On hold pending form 5.	11/15/2012 3:26:56 PM

Total: 2 comment(s)