

FORM  
5ARev  
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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05/03/2012

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

5. API Number 05-123-21656-00 6. County: WELD  
 7. Well Name: UHRICH Well Number: 43-8  
 8. Location: QtrQtr: NESE Section: 8 Township: 6N Range: 64W Meridian: 6  
 9. Field Name: WATTENBERG Field Code: 90750

## Completed Interval

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_  
 Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_  
 Perforations Top: 6890 Bottom: 7063 No. Holes: 53 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: \_\_\_\_\_ Max 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: 04/20/2012 Hours: 24 Bbl oil: 8 Mcf Gas: 86 Bbl H2O: 5  
 Calculated 24 hour rate: Bbl oil: 8 Mcf Gas: 86 Bbl H2O: 5 GOR: 1075  
 Test Method: Flowing Casing PSI: 484 Tubing PSI: 280 Choke Size: 16/64  
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1298 API Gravity Oil: 55  
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 7046 Tbg setting date: 03/23/2012 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: \_\_\_\_\_  
Treatment Date: 03/20/2012 End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_  
Perforations Top: 6828 Bottom: 6896 No. Holes: 39 Hole size: 13/32

Provide a brief summary of the formation treatment:

Open Hole: ☐

Perf'd Niobrara "A" 6828-6831' (9 holes), Niobrara "B" 6886-6896' (30 holes)  
Frac'd Niobrara w/ 24 bbl 15% HCl, 119 bbl FE-1A pad, 801 bbls of Slickwater pad, 600 bbls of pHaser 24# pad, 2223 bbls of pHaser 24# fluid system and 238780# of 20/42 Preferred Rock, 12000 # 20/40 SB Excel.

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: \_\_\_\_\_

Max 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: \_\_\_\_\_ 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: Jeff Glossa

Title: Sr Engineering Tech Date: 5/3/2012 Email jglossa@petd.com

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#### Attachment Check List

Att Doc Num	Name
400270611	FORM 5A SUBMITTED

Total Attach: 1 Files

#### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)