

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:

400335804

Date Received:

11/08/2012

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

5. API Number 05-123-23139-00
6. County: WELD
7. Well Name: WELLS RANCH
Well Number: 43-15
8. Location: QtrQtr: NESE Section: 15 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: 08/27/2012 End Date: 08/27/2012 Date of First Production this formation: 09/04/2012
Perforations Top: 6771 Bottom: 6779 No. Holes: 24 Hole size: 13/32
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): 2724 Max pressure during treatment (psi): 4178
Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.27
Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.64
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): 2605 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 225520 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: 6739 Tbg setting date: 08/21/2012 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: FRACTURE STIMULATION

Treatment Date: _____ End Date: _____ Date of First Production this formation: 09/04/2012

Perforations Top: 6504 Bottom: 6779 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): 4

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: 09/28/2012 Hours: 24 Bbl oil: 60 Mcf Gas: 105 Bbl H2O: 4

Calculated 24 hour rate: Bbl oil: 60 Mcf Gas: 105 Bbl H2O: 4 GOR: 1750

Test Method: Flowing Casing PSI: 632 Tubing PSI: 588 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1283 API Gravity Oil: 42

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: 08/27/2012 End Date: 08/27/2012 Date of First Production this formation: 09/04/2012
Perforations Top: 6504 Bottom: 6609 No. Holes: 28 Hole size: 27/64
Provide a brief summary of the formation treatment: Open Hole: ☐

Nio Bench "A" @ 6504-6506 Bench "B" @ 6601-6609

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 3774

Max pressure during treatment (psi): 466

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 6.27

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):

Fresh water used in treatment (bbl): 3655

Disposition method for flowback:

Total proppant used (lbs): 250120

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: 6739 Tbg setting date: 08/21/2012 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: Jenifer Hakkarinen

Title: Regulatory Analyst Date: 11/8/2012 Email: Jenifer.Hakkarinen@pdce.com

Attachment Check List

Att Doc Num	Name
400335804	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)