

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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Date Received:

08/27/2012

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 05-123-20679-00
6. County: WELD
7. Well Name: WIEDEMAN
Well Number: 24-22
8. Location: QtrQtr: SESW Section: 22 Township: 4N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/21/2012 End Date: 03/21/2012 Date of First Production this formation: _____
Perforations Top: 7222 Bottom: 7230 No. Holes: 24 Hole size: 13/32

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

217000 lbs Preferred Rock, 8000 lbs SBXL 20/40. MTP = 4057 psi, ATP = 3897 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): 2772 Max pressure during treatment (psi): 4057

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 26.00

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.95

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): 2653 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 225000 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.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 04/05/2012

Perforations Top: 6927 Bottom: 7230 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: 05/29/2012 Hours: 24 Bbl oil: 10 Mcf Gas: 271 Bbl H2O: 2

Calculated 24 hour rate: Bbl oil: 10 Mcf Gas: 271 Bbl H2O: 2 GOR: 2708

Test Method: Flowing Casing PSI: 1200 Tubing PSI: 1200 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1258 API Gravity Oil: 60

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7207 Tbg setting date: 03/27/2012 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: 03/21/2012 End Date: 03/21/2012 Date of First Production this formation:
Perforations Top: 6924 Bottom: 7020 No. Holes: 28 Hole size: 27/64

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

Niobrara "B" Bench @ 7012'-7020' (2 SPF) Niobrara "A" Bench @ 6924' - 6930' 28 New holes. 238860 lbs Preferred Rock 20/40, 12000 20/40 SB Excel. MTP = 5443 psi, ATP = 5175 psi, AIR = 45.9 bpm. Pressure response was slightly positive for entire treatment.

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

Total fluid used in treatment (bbl): 4084 Max pressure during treatment (psi): 5443

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 20.00

Type of gas used in treatment: Min frac gradient (psi/ft): 0.95

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): 3965 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 501720 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: Reg Analyst Date: 8/27/2012 Email: Jenifer.Hakkarinen@pdce.com

Attachment Check List

Att Doc Num	Name
400310206	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
Permit	Received and added more detailed frac summary.	11/6/2012 1:18:53 PM
Permit	Requested brief summary of treatment from operator.	11/1/2012 10:48:06 AM

Total: 2 comment(s)