

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:

401406985

Date Received:

09/19/2017

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: Kelsi Welch
Phone: (303) 831-3974
Fax:
Email: kelsi.welch@pdce.com

5. API Number 05-123-20853-00
6. County: WELD
7. Well Name: WELLS RANCH
Well Number: 10C
8. Location: QtrQtr: SWNE Section: 10 Township: 5N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: ABANDONED Treatment Type:
WELLBORE/COMPLETION
Treatment Date: End Date: Date of First Production this formation: 04/05/2002
Perforations Top: 6649 Bottom: 6657 No. Holes: 24 Hole size: 3/10
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: 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: Plug was set above the Codell perforations prior to the stimulation of the Niobrara. Codell formation was never returned to production. Please see attached operations summary for plug details.
Date formation Abandoned: 08/03/2006 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt
** Bridge Plug Depth: 6630 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/09/2006 End Date: 08/09/2006 Date of First Production this formation: 08/09/2006

Perforations Top: 6400 Bottom: 6490 No. Holes: 57 Hole size:

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

Hybrid recompleat done on Niobrara formation. Perfed Niobrara A bench 6400'- 6403' (9 holes) and Niobrara B bench 6474'- 6490' (48 holes).

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

Total fluid used in treatment (bbl): 4009

Max pressure during treatment (psi): 5639

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): 23

Number of staged intervals: 12

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs): 275500

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:

This submission is to report the completion of the Niobrara formation and abandonment of the Codell formation.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Kelsi Welch

Title: Production Tech Date: 9/19/2017 Email: kelsi.welch@pdce.com

Attachment Check List

Att Doc Num	Name
401406985	FORM 5A SUBMITTED
401406999	COMPLETED INTERVAL REPORT
401407040	OPERATIONS SUMMARY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	returnd to draft per operator's request.	09/19/2017

Total: 1 comment(s)