

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:

401405902

Date Received:

09/18/2017

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 05-123-20911-00
6. County: WELD
7. Well Name: WELLS RANCH
Well Number: 43-10
8. Location: QtrQtr: NESE Section: 10 Township: 5N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: J SAND Status: ABANDONED Treatment Type:
WELLBORE/COMPLETION
Treatment Date: End Date: Date of First Production this formation: 07/19/2002
Perforations Top: 7070 Bottom: 7080 No. Holes: 20 Hole size: 34/100
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 set over Jsand prior to the completion of the Niobrara-Codell formation. Formation was never returned to production. Please see operations summary for plug details.
Date formation Abandoned: 10/21/2004 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt
** Bridge Plug Depth: 6930 ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/25/2004 End Date: 10/25/2004 Date of First Production this formation: 10/25/2004

Perforations Top: 6443 Bottom: 6617 No. Holes: 18 Hole size: 34/100

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

Codell perforated 6611'-6617' (12 holes). Niobrara B perforated 6443'-6449' (6 holes).

Used in stimulation:

3611.3 bbls Vistar 20# fluid system

334620 lbs 20/40 white sand

16000 lbs Super LC 20/40 resin coated proppant

500 gallons 7.5% HCl acid

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

Total fluid used in treatment (bbl): 3611

Max pressure during treatment (psi): 4716

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): 350620

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: 12/64

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: Kelsi Welch

Title: Production Tech Date: 9/18/2017 Email: kelsi.welch@pdce.com

Attachment Check List

Att Doc Num Name

401405902	FORM 5A SUBMITTED
401405956	OPERATIONS SUMMARY

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)