

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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: Valerie Danson Phone: (970) 506-9272 Fax: Email: valerie.danson@pdce.com

5. API Number 05-123-25026-00 6. County: WELD 7. Well Name: RUSCO Well Number: 33-23 8. Location: QtrQtr: NWSE Section: 23 Township: 7N Range: 66W Meridian: 6 9. Field Name: EATON Field Code: 19350

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: Treatment Date: End Date: Date of First Production this formation: 10/29/2007 Perforations Top: 7397 Bottom: 7405 No. Holes: 16 Hole size: 39/100 Provide a brief summary of the formation treatment: Open Hole: This formation is commingled with another formation: 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: 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: TEMPORARILY ABANDONED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 10/29/2007

Perforations Top: 7102 Bottom: 7405 No. Holes: 24 Hole size: 39/100

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: CIBP set at 7052' topped with 2 sxs of cement and pressure tested to 2000 PSI for 15 Minutes, safety shut in for PDC's MTD Waffle offset Fracs. At this time PDC plans on returning the well to production once the offset fracs have been completed.

Date formation Abandoned: 10/28/2019 Squeeze: Yes No If yes, number of sacks cmt _____

** Bridge Plug Depth: 7052 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: NIORARA Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 10/29/2007

Perforations Top: 7102 Bottom: 7230 No. Holes: 8 Hole size: 39/100

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

NBRR "A" PERFS 7102-7104' (2 HOLES), NBRR "B" PERFS 7224-7230' (6 HOLES)

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: _____

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: Valerie Danson

Title: Reg Tech Date: 1/9/2020 Email: valerie.danson@pdce.com

Attachment Check List

Att Doc Num	Name
402281824	FORM 5A SUBMITTED
402281845	WIRELINE JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Added Niobrara and Codell panel for DB cleanup, per doc# 1985765 in well file. Permitting review complete.	01/10/2020

Total: 1 comment(s)