FORM 5A
Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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

5. API Number 05-123-24820-00
6. County: WELD
7. Well Name: ANDERSON
Well Number: 31-10
8. Location: QtrQtr: NWNE Section: 10 Township: 6N Range: 66W Meridian: 6
9. Field Name: EATON Field Code: 19350

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:

Treatment Date: 02/22/2012 End Date: 03/08/2012 Date of First Production this formation:

Perforations Top: 7341 Bottom: 7349 No. Holes: 24 Hole size: 41/100

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

The Codell formation was recompleted from 7341'-7349' (3 spf) with a 3 1/8" slickgun. 120 degress phasing, 19 gram charge, 21.28" penetration.

Total Fluid: 2753 bbls
122 bbls FE-1A pad
595 bbls 26# pHaser pad
196 bbls 1.0 ppg 20/40 slurry with 26# pHaser
524 bbls 2.0 ppg 20/40 slurry with 26# pHaser
928 bbls 3.0 ppg 20/40 slurry with 26# pHaser
285 bbls 4.0 ppg 20/40 slurry with 26# pHaser
103 bbls 4.0 ppg 20/40 SBXL slurry with 26# pHaser

Total Proppant: 225200 lbs
217200 lbs Preffered rock
8000 lbs SBXL 20/40

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

Total fluid used in treatment (bbl): 2753 Max pressure during treatment (psi): 3510

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 1.00

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

Total acid used in treatment (bbl): Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): Disposition method for flowback:

Total proppant used (lbs): 225200 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: 03/19/2012

Perforations Top: 7089 Bottom: 7352 No. Holes: 82 Hole size:

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

The Codell and Niobrara formations were commingled upon the conclusion on this recomplete/ refrac job.

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.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type:

Treatment Date: 03/08/2012 End Date: 03/08/2012 Date of First Production this formation:

Perforations Top: 7089 Bottom: 7226 No. Holes: 28 Hole size: 41/100

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

The Niobrara formation was completed from 7218'-7226' (3 spf) and 7089'-7091' (2 spf) with a duel fire 3 1/8" slick gun and EXT charges. 22.7 gram charge, 35.1" penetration, 120 degree phasing.

Total Fluid: 4050 bbls
116 bbls Active pad
733 bbls SLickwater pad
937 bbls 20# pHaser pad
168 bbls 1.0 ppg 20/40 slurry with 20# pHaser
785 bbls 2.0 ppg 20/40 slurry with 20# pHaser
834 bbls 3.0 ppgs 20/40 slurry with 20# pHaser
392 bbls 4.0 ppg 20/40 slurry with 20# pHaser
85 bbls 4.0 ppg SB Excel 20/40 slurry with 20# pHaser

Total Proppant: 250140 lbs
238140 lbs Preffered rock 20/40
12000 lbs 20/40 SB Excel

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

Total fluid used in treatment (bbl): 4050 Max pressure during treatment (psi): 5459

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 1.00

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

Total acid used in treatment (bbl): Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): Disposition method for flowback:

Total proppant used (lbs): 250140 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: Kelsi Welch

Title: Production Tech Date: 5/18/2017 Email: kelsi.welch@pdce.com

Attachment Check List

Att Doc Num	Name
401286775	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

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