FORM 5A Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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Date Received:

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: Cassie Gonzalez
Phone: (303) 860-5800
Fax:
Email: Cassie.Gonzalez@pdce.com

5. API Number 05-123-35406-00
6. County: WELD
7. Well Name: Schaefer
Well Number: 10J-403
8. Location: QtrQtr: NWNW Section: 10 Township: 6N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 7318 Bottom: 11273 No. Holes: Hole size:

Provide a brief summary of the formation treatment: Open Hole: [X]

Completed Depths: 7,318'-7,699' 9,169'-9,750' 9,877'-11,273'

This formation is commingled with another formation: [X] 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: FORT HAYS Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 8062 Bottom: 9877 No. Holes: Hole size:

Provide a brief summary of the formation treatment: Open Hole: [X]

Completed Depths: 8,062'-9,169' 9,750'-9,877'

This formation is commingled with another formation: [X] 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-FT HAYS-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/03/2012 End Date: 08/03/2012 Date of First Production this formation: 08/17/2012

Perforations Top: 7318 Bottom: 11273 No. Holes: Hole size:

Provide a brief summary of the formation treatment: Open Hole: [X]

16 Stage Sliding Sleeve, Swell Packer set at 7,318'
Total Fluid: 66,689 bbls
Gel Fluid: 55,648 bbls
Slickwater Fluid: 11,041 bbls
Total Proppant: 3,470,677 lbs
Silica Proppant: 3,470,677 lbs
Method for determining flowback: measuring flowback tank volumes.

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 66689 Max pressure during treatment (psi): 3066

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: Min frac gradient (psi/ft): 0.88

Total acid used in treatment (bbl): Number of staged intervals: 16

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 6143

Fresh water used in treatment (bbl): 66689 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3470677 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/26/2012 Hours: 24 Bbl oil: 183 Mcf Gas: 301 Bbl H2O: 121

Calculated 24 hour rate: Bbl oil: 183 Mcf Gas: 301 Bbl H2O: 121 GOR: 1639

Test Method: Flowing Casing PSI: 1189 Tubing PSI: 738 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1456 API Gravity Oil: 46

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7004 Tbg setting date: 08/16/2012 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:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 7699 Bottom: 8062 No. Holes: Hole size:

Provide a brief summary of the formation treatment: Open Hole: [X]

Completed Depths: 7,699'-8,062'

This formation is commingled with another formation: [X] 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: Cassie Gonzalez

Title: Regulatory Technician Date: Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date
Permit	Field Name is missing one Well Information tab. Return to draft for operator correction.	11/12/2019
Permit	Returned to draft for AOC settlement.	09/15/2016

Total: 2 comment(s)