

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:

401613905

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: Ally Ota
Phone: (303) 860-5800
Fax: (303) 831-3988
Email: Alexandria.Ota@pdce.com

5. API Number 05-123-44004-00
6. County: WELD
7. Well Name: McGlothlin Farms
Well Number: 4W-404
8. Location: QtrQtr: SESE Section: 4 Township: 5N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: FORT HAYS Status: COMMINGLED Treatment Type:

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

Perforations Top: 7268 Bottom: 12180 No. Holes: 1548 Hole size: 42/100

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

Penetrating Depths: 7,268'-12,180'

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-FT HAYS		Status: PRODUCING		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 02/07/2018		End Date: 02/24/2018		Date of First Production this formation: 04/11/2018	
Perforations	Top: 7268	Bottom: 14594	No. Holes: 1548	Hole size: 42/100	

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

44 Stage Plug and Perf
 Total Fluid: 148,532 bbls
 Gel Fluid: 106,611 bbls
 Slickwater Fluid: 40,794 bbls
 15% HCl Acid: 1,127 bbls
 Total Proppant: 6,276,800 lbs
 Silica Proppant: 6,276,800 lbs
 Method for determining flowback: Measuring flowback tank volumes.

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

Total fluid used in treatment (bbl): 148532	Max pressure during treatment (psi): 5945
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): 0.96
Total acid used in treatment (bbl): 1127	Number of staged intervals: 44
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): 7844
Fresh water used in treatment (bbl): 147405	Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 6276800	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/19/2018	Hours: 24	Bbl oil: 301	Mcf Gas: 984	Bbl H2O: 465
Calculated 24 hour rate:	Bbl oil: 301	Mcf Gas: 984	Bbl H2O: 465	GOR: 3269
Test Method: Flowing	Casing PSI: 2543	Tubing PSI: 1631	Choke Size: 16/64	
Gas Disposition: SOLD	Gas Type: WET	Btu Gas: 1292	API Gravity Oil: 50	
Tubing Size: 2 + 3/8	Tubing Setting Depth: 7077	Tbg setting date: 03/03/2018	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: 12180 Bottom: 14594 No. Holes: 1548 Hole size: 42/100
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

Completed Depths: 12,180'-14,594'

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:

Actual Top of Productive Zone footages: 2,579' FSL & 534' FEL Sec: 4 Twp: 5N Rng: 64W

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 Contractor Date: _____ Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num **Name**

Total Attach: 0 Files

General Comments

User Group **Comment**

Comment Date

Stamp Upon Approval

Total: 0 comment(s)