

FORM  
5ARev  
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



DE ET OE ES

Document Number:

401904356

Date Received:

01/14/2019

## 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: 10456  
 2. Name of Operator: CAERUS PICEANCE LLC  
 3. Address: 1001 17TH STREET #1600  
 City: DENVER State: CO Zip: 80202  
 4. Contact Name: Marina Ayala  
 Phone: (720) 880-6355  
 Fax:  
 Email: mayala@caerusoilandgas.com

5. API Number 05-045-23766-00  
 6. County: GARFIELD  
 7. Well Name: NPR  
 Well Number: 13B-10-596  
 8. Location: QtrQtr: NESW Section: 10 Township: 5S Range: 96W Meridian: 6  
 9. Field Name: GRAND VALLEY Field Code: 31290

## Completed Interval

FORMATION: WILLIAMS FORK - CAMEO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/23/2018 End Date: 12/08/2018 Date of First Production this formation: 12/11/2018

Perforations Top: 6437 Bottom: 9403 No. Holes: 351 Hole size: 37/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

13-stage plug-and-perf completion;  
 234001 total bbls fluid pumped: 233846 bbls recycled water (slickwater) and 155 bbls 7.5% HCl acid;  
 no proppant used.

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

Total fluid used in treatment (bbl): 234001

Max pressure during treatment (psi): 8083

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 155

Number of staged intervals: 13

Recycled water used in treatment (bbl): 233846

Flowback volume recovered (bbl): 73392

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

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: 12/11/2018 Hours: 24 Bbl oil: 0 Mcf Gas: 74 Bbl H2O: 2709

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 74 Bbl H2O: 2709 GOR: 0

Test Method: 12/11/2018 Casing PSI: 1074 Tubing PSI: Choke Size: 48/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1080 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8667 Tbg setting date: 01/10/2019 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: Marina Ayala

Title: Completion Tech Date: 1/14/2019 Email : mayala@caerusoilandgas.com

### Attachment Check List

**Att Doc Num**      **Name**

401904356	FORM 5A SUBMITTED
-----------	-------------------

Total Attach: 1 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

Permit	• Formation corrected from "WILLIAMS FORK" to "WILLIAMS FORK-CAMEO".	04/28/2020
--------	--	------------

Total: 1 comment(s)