

**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



DE ET OE ES

Document Number:

401904186

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 05-045-23789-00

7. Well Name: NPR

6. County: GARFIELD

Well Number: 23A-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: 11/05/2018 End Date: 11/21/2018 Date of First Production this formation: 11/28/2018

Perforations Top: 6760 Bottom: 9732 No. Holes: 351 Hole size: 37/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

13-stage plug-and-perf completion;
234000 total bbls fluid pumped: 233833 bbls recycled water (slickwater) and 167 bbls 7.5% HCl acid;
no proppant used.

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

Total fluid used in treatment (bbl): 234000

Max pressure during treatment (psi): 8405

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): 167

Number of staged intervals: 13

Recycled water used in treatment (bbl): 233833

Flowback volume recovered (bbl): 88586

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: 11/28/2018 Hours: 24 Bbl oil: 0 Mcf Gas: 88 Bbl H2O: 3067

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 88 Bbl H2O: 3067 GOR: 0

Test Method: FLOWING Casing PSI: 881 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: 8976 Tbg setting date: 01/04/2019 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:

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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**

401904186	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

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

Permit	• Formation corrected from "WILLIAMS FORK" to "WILLIAMS FORK-CAMEO".	04/29/2020
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Total: 1 comment(s)