

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:

401904303

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 05-045-23781-00
 6. County: GARFIELD
 7. Well Name: NPR
 Well Number: 23C-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: 12/10/2018

Perforations Top: 6596 Bottom: 9706 No. Holes: 351 Hole size: 37/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

13-stage plug-and-perf completion;
 234012 total bbls fluid pumped: 233857 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): 234012

Max pressure during treatment (psi): 8551

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): 0.82

Total acid used in treatment (bbl): 155

Number of staged intervals: 13

Recycled water used in treatment (bbl): 233857

Flowback volume recovered (bbl): 53793

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: 12/10/2018 Hours: 24 Bbl oil: 0 Mcf Gas: 68 Bbl H2O: 2921

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 68 Bbl H2O: 2921 GOR: 0

Test Method: FLOWING Casing PSI: 980 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: 8910 Tbg setting date: 01/07/2019 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**

401904303	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)