

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:

402200086

Date Received:

10/07/2019

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: 96850

4. Contact Name: Jeff Kirtland

2. Name of Operator: TEP ROCKY MOUNTAIN LLC

Phone: (970) 263-2736

3. Address: PO BOX 370

Fax:

City: PARACHUTE

State: CO

Zip: 81635

Email: jkirtland@terraep.com

5. API Number 05-045-24030-00

6. County: GARFIELD

7. Well Name: FEDERAL

Well Number: RWF 411-17

8. Location: QtrQtr: LOT 4

Section: 17

Township: 6S

Range: 94W

Meridian: 6

9. Field Name: RULISON

Field Code: 75400

Completed Interval

FORMATION: WILLIAMS FORK - CAMEO

Status: PRODUCING

Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/08/2019

End Date: 07/19/2019

Date of First Production this formation: 09/11/2019

Perforations

Top: 6270

Bottom: 8790

No. Holes: 294

Hole size: 35/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

119,044 bbls of Slickwater; 1169584 100/Mesh; 3344 gals of biocide

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 119124

Max pressure during treatment (psi): 8928

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): 0.72

Total acid used in treatment (bbl): 0

Number of staged intervals: 14

Recycled water used in treatment (bbl): 119044

Flowback volume recovered (bbl): 28075

Fresh water used in treatment (bbl): 80

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1169584

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/11/2019

Hours: 24

Bbl oil: 0

Mcf Gas: 2730

Bbl H2O: 0

Calculated 24 hour rate:

Bbl oil: 0

Mcf Gas: 2730

Bbl H2O: 0

GOR: 0

Test Method: Flowing

Casing PSI: 2293

Tubing PSI: 2091

Choke Size: 20/64

Gas Disposition: SOLD

Gas Type: DRY

Btu Gas: 1110

API Gravity Oil: 0

Tubing Size: 2 + 3/8

Tubing Setting Depth: 8547

Tbg setting date: 08/13/2019

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: Ashley Noonan

Title: Sr. Regulatory Analyst Date: 10/7/2019 Email: anoonan@terraep.com
:

Attachment Check List

Att Doc Num **Name**

| | |
|-----------|-------------------|
| 402200086 | FORM 5A SUBMITTED |
| 402200919 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

User Group **Comment**

Comment Date

| | | |
|--------|---------------------------|------------|
| Permit | Passed Completion review. | 01/03/2020 |
|--------|---------------------------|------------|

Total: 1 comment(s)