

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:

401968016

Date Received:

03/11/2019

## 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  
 2. Name of Operator: TEP ROCKY MOUNTAIN LLC  
 3. Address: PO BOX 370  
 City: PARACHUTE State: CO Zip: 81635  
 4. Contact Name: Jeff Kirtland  
 Phone: (970) 263-2736  
 Fax:  
 Email: jkirtland@terraep.com

5. API Number 05-045-23907-00  
 6. County: GARFIELD  
 7. Well Name: CLOUGH  
 Well Number: NR 413-3  
 8. Location: QtrQtr: NESW Section: 3 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: 12/28/2018 End Date: 01/18/2019 Date of First Production this formation: 02/05/2019

Perforations Top: 6448 Bottom: 9847 No. Holes: 303 Hole size: 35/100

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

172091 bbls of Slickwater; 3416500 100/Mesh; 4168 gals of Biocide; 2250 gals of Acid

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

Total fluid used in treatment (bbl): 172244

Max pressure during treatment (psi): 8048

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): 0.66

Total acid used in treatment (bbl): 54

Number of staged intervals: 13

Recycled water used in treatment (bbl): 172091

Flowback volume recovered (bbl): 50881

Fresh water used in treatment (bbl): 99

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3416500

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 02/05/2019 Hours: 24 Bbl oil: 0 Mcf Gas: 2949 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 2949 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 2911 Tubing PSI: 2712 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1124 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 9504 Tbg setting date: 01/28/2019 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: 3/11/2019 Email: anoonan@terraep.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

401968016	FORM 5A SUBMITTED
401968688	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

Permit	Passed Completion review.	11/18/2019
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Total: 1 comment(s)