

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



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Document Number:

401963134

Date Received:

03/22/2019

## 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 05-045-23901-00

6. County: GARFIELD

7. Well Name: CLOUGH

Well Number: NR 14-3

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: 01/23/2019

End Date: 01/28/2019

Date of First Production this formation: 03/19/2019

Perforations

Top: 6543

Bottom: 9863

No. Holes: 309

Hole size: 35/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

177987 bbls of Slickwater; 3575000 100/Mesh; 3707 gals of Biocide; 2250 gals of Acid

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 178129

Max pressure during treatment (psi): 7834

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): 0.69

Total acid used in treatment (bbl): 54

Number of staged intervals: 13

Recycled water used in treatment (bbl): 177987

Flowback volume recovered (bbl): 46169

Fresh water used in treatment (bbl): 88

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3575000

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 03/19/2019

Hours: 24

Bbl oil: 0

Mcf Gas: 3351

Bbl H2O: 0

Calculated 24 hour rate:

Bbl oil: 0

Mcf Gas: 3351

Bbl H2O: 0

GOR: 0

Test Method: FLOWING

Casing PSI: 2390

Tubing PSI: 2247

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: 9531

Tbg setting date: 02/13/2019

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:

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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: Ashley Noonan

Title: Sr. Regulatory Analyst Date: 3/22/2019 Email: anoonan@terraep.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

401963134	FORM 5A SUBMITTED
401981392	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

Permit	Passed Completion review.	11/08/2019
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Total: 1 comment(s)