

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:

401933249

Date Received:

02/14/2019

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: 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 05-045-23924-00  
6. County: GARFIELD  
7. Well Name: CLOUGH  
Well Number: NR 13-3  
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: 12/04/2018 End Date: 12/14/2018 Date of First Production this formation: 01/15/2019  
Perforations Top: 6503 Bottom: 9917 No. Holes: 312 Hole size: 35/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

70467 bbls of Slickwater; 1280700 100/Mesh; 1559 gals of Biocide; 2250 gals of Acid

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

Total fluid used in treatment (bbl): 70558

Max pressure during treatment (psi): 7996

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): 0.71

Total acid used in treatment (bbl): 54

Number of staged intervals: 13

Recycled water used in treatment (bbl): 70467

Flowback volume recovered (bbl): 63044

Fresh water used in treatment (bbl): 37

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1280700

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/15/2019 Hours: 24 Bbl oil: 0 Mcf Gas: 3062 Bbl H2O: 0  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 3062 Bbl H2O: 0 GOR: 0  
Test Method: FLOWING Casing PSI: 1950 Tubing PSI: 1500 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: 9560 Tbg setting date: 01/02/2019 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: 2/14/2019 Email : anoonan@terraep.com

### Attachment Check List

**Att Doc Num**      **Name**

401933249	FORM 5A SUBMITTED
401937841	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

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

Permit	Passed Completion review.	11/07/2019
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Total: 1 comment(s)