

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:

401871554

Date Received:

12/12/2018

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: (832) 726-1159
 Fax:
 Email: jkirtland@terraep.com

5. API Number 05-045-23921-00
 6. County: GARFIELD
 7. Well Name: CLOUGH
 Well Number: NR 12-3
 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: 10/16/2018 End Date: 10/19/2018 Date of First Production this formation: 11/14/2018

Perforations Top: 7752 Bottom: 10145 No. Holes: 264 Hole size: 35/100

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

65432 bbls of slickwater; 1182940 100/Mesh; 1706 gals of biocide; 2250 gals of acid

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

Total fluid used in treatment (bbl): 65473

Max pressure during treatment (psi): 5436

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): 0.73

Total acid used in treatment (bbl): 54

Number of staged intervals: 12

Recycled water used in treatment (bbl): 65432

Flowback volume recovered (bbl): 32183

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1182940

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/10/2018 Hours: 24 Bbl oil: 0 Mcf Gas: 2841 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 2841 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 2291 Tubing PSI: 2156 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: 9907 Tbg setting date: 10/24/2018 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: Kellye Garcia

Title: Land & Regulatory Tech

Date: 12/12/2018

Email kgarcia@terraep.com

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Attachment Check List

Att Doc Num

Name

401871554	FORM 5A SUBMITTED
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401871562	WELLBORE DIAGRAM
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Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

Permit	Changed contact information per operator. Passed Completion review.	11/07/2019
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Total: 1 comment(s)