

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:

401981359

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
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 05-045-23911-00
6. County: GARFIELD
7. Well Name: CLOUGH
Well Number: NR 414-3
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: 01/30/2019 End Date: 02/11/2019 Date of First Production this formation: 03/19/2019

Perforations Top: 6609 Bottom: 9930 No. Holes: 312 Hole size: 35/100

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

178781 bbls of Slickwater; 3581625 100/Mesh; 4588 gals of Biocide; 2250 gals of Acid

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

Total fluid used in treatment (bbl): 178944

Max pressure during treatment (psi): 8098

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): 0.70

Total acid used in treatment (bbl): 54

Number of staged intervals: 13

Recycled water used in treatment (bbl): 178781

Flowback volume recovered (bbl): 43472

Fresh water used in treatment (bbl): 109

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3581625

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: 2868 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 2868 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 2354 Tubing PSI: 2081 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: 9589 Tbg setting date: 02/12/2019 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: 3/22/2019

Email: anoonan@terraep.com

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Attachment Check List

Att Doc Num

Name

401981359

FORM 5A SUBMITTED

401981410

WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

Permit

Passed Completion review.

11/18/2019

Total: 1 comment(s)