

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:

401320083

Date Received:

08/03/2017

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: KELLYE GARCIA  
Phone: (832) 726-1159  
Fax:  
Email: KGARCIA@TERRAEP.COM

5. API Number 05-045-23330-00  
6. County: GARFIELD  
7. Well Name: CHEVRON  
Well Number: TR 43-27-597  
8. Location: QtrQtr: SESE Section: 27 Township: 5S Range: 97W Meridian: 6  
9. Field Name: TRAIL RIDGE Field Code: 83825

Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/20/2017 End Date: 06/02/2017 Date of First Production this formation: 06/20/2017

Perforations Top: 9761 Bottom: 9926 No. Holes: 21 Hole size: 35/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

1 stage with 4840 BBLs of slickwater; 83475 100/mesh; 149 gals Biocide

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

Total fluid used in treatment (bbl): 4843

Max pressure during treatment (psi): 8449

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): 0.59

Total acid used in treatment (bbl):

Number of staged intervals: 1

Recycled water used in treatment (bbl): 4840

Flowback volume recovered (bbl): 1806

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 83475

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

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

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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.

FORMATION: CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/20/2017 End Date: 06/02/2017 Date of First Production this formation: 06/20/2017

Perforations Top: 9956 Bottom: 10067 No. Holes: 18 Hole size: 35/100

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

2 stages with 3998 BBLs of slickwater; 74425 100/mesh; 218 gals Biocide

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

Total fluid used in treatment (bbl): 4003 Max pressure during treatment (psi): 8449

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): 0.59

Total acid used in treatment (bbl): Number of staged intervals: 2

Recycled water used in treatment (bbl): 3998 Flowback volume recovered (bbl): 416

Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE

Total proppant used (lbs): 74425 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

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

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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.

FORMATION: SEGO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/20/2017 End Date: 06/02/2017 Date of First Production this formation: 06/20/2017

Perforations Top: 10095 Bottom: 10178 No. Holes: 9 Hole size: 35/100

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

3 stages with 1984 BBLs of slickwater; 37500 100/Mesh; 118 gals Biocide

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

Total fluid used in treatment (bbl): 1987

Max pressure during treatment (psi): 8449

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): 0.59

Total acid used in treatment (bbl): \_\_\_\_\_

Number of staged intervals: 1

Recycled water used in treatment (bbl): 1984

Flowback volume recovered (bbl): 774

Fresh water used in treatment (bbl): \_\_\_\_\_

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 37500

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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.

FORMATION: WILLIAMS FORK-CAMEO-COZZETTE-CORCORAN-SEGO Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/20/2017 End Date: 06/02/2017 Date of First Production this formation: 06/20/2017  
Perforations Top: 7527 Bottom: 10178 No. Holes: 264 Hole size: 35/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

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

Total fluid used in treatment (bbl):

Max pressure during treatment (psi):

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl):

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 06/20/2017 Hours: 24 Bbl oil: 0 Mcf Gas: 1048 Bbl H2O: 0  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1048 Bbl H2O: 0 GOR: 0  
Test Method: FLOWING Casing PSI: 2000 Tubing PSI: 1200 Choke Size: 48  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1066 API Gravity Oil: 0  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 9929 Tbg setting date: 06/09/2017 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.

FORMATION: WILLIAMS FORK - CAMEO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/20/2017 End Date: 06/02/2017 Date of First Production this formation: 06/20/2017

Perforations Top: 7527 Bottom: 9407 No. Holes: 216 Hole size: 35/100

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

9 stages with 41922 BBLs of slickwater; 808700 100/mesh; 2345 gals Biocide

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

Total fluid used in treatment (bbl): 41978

Max pressure during treatment (psi): 8449

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): 0.59

Total acid used in treatment (bbl):

Number of staged intervals: 9

Recycled water used in treatment (bbl): 41922

Flowback volume recovered (bbl): 18566

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 808700

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

#### Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

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

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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:

\*All flowback entries are estimates based on commingled volume.

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 TECH Date: 8/3/2017 Email: KGARCIA@TERRAEP.COM

### Attachment Check List

**Att Doc Num** **Name**

401320083 FORM 5A SUBMITTED

401364108 WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Permit            | Passes permitting.<br>Returned to draft for batch correction.(7/26/2017)<br>1.) Formation panels for the Williams Fork & Cameo formation should be combined.<br>(7/25/2017)<br>2.) Form 7 reporting is 4 months delinquent.<br>3.) Why is the Biocide not included in the total amount of fluids used during treatment?<br>4.) The bottom of production casing provided on the Wellbore Diagram attachment does not match the related Form 5(only 1') | 08/22/2017          |

Total: 1 comment(s)