

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



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Document Number:

401340209

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 05-045-23334-00
6. County: GARFIELD
7. Well Name: CHEVRON
Well Number: TR 343-27-597
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: 06/19/2017

Perforations Top: 9590 Bottom: 9699 No. Holes: 18 Hole size: 35/100

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

1 stage with 3331 BBLs of slickwater; 210 gals Biocide; No Proppant

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

Total fluid used in treatment (bbl): 3336

Max pressure during treatment (psi): 6972

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): 0.57

Total acid used in treatment (bbl):

Number of staged intervals: 1

Recycled water used in treatment (bbl): 3331

Flowback volume recovered (bbl): 1704

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

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: 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: 06/19/2017

Perforations Top: 9744 Bottom: 9857 No. Holes: 21 Hole size: 35/100

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

4185 BBLs of slickwater; 273 gals Biocide; No Proppant

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

Total fluid used in treatment (bbl): 4192

Max pressure during treatment (psi): 6972

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): 0.57

Total acid used in treatment (bbl):

Number of staged intervals: 2

Recycled water used in treatment (bbl): 4185

Flowback volume recovered (bbl): 1988

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

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: 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: <u>SEGO</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>05/20/2017</u>		End Date: <u>06/02/2017</u>		Date of First Production this formation: <u>06/19/2017</u>	
Perforations	Top: <u>9871</u>	Bottom: <u>9990</u>	No. Holes: <u>9</u>	Hole size: <u>35/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
1 stage with 1845 BBLs of slickwater; 122 gals Biocide; No Proppant					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>1848</u>			Max pressure during treatment (psi): <u>6972</u>		
Total gas used in treatment (mcf): _____			Fluid density at initial fracture (lbs/gal): <u>8.43</u>		
Type of gas used in treatment: _____			Min frac gradient (psi/ft): <u>0.57</u>		
Total acid used in treatment (bbl): _____			Number of staged intervals: <u>1</u>		
Recycled water used in treatment (bbl): <u>1845</u>			Flowback volume recovered (bbl): <u>853</u>		
Fresh water used in treatment (bbl): _____			Disposition method for flowback: <u>RECYCLE</u>		
Total proppant used (lbs): _____			Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>		
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 06/19/2017
Perforations Top: 7157 Bottom: 9990 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: 06/19/2017 Hours: 24 Bbl oil: 0 Mcf Gas: 1182 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1182 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 1950 Tubing PSI: 1175 Choke Size: 21

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1063 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 9707 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: 06/19/2017

Perforations Top: 7157 Bottom: 9177 No. Holes: 216 Hole size: 35/100

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

9 stages with 41119 BBLs of slickwater; 2400 gals Biocide; No Proppant

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

Total fluid used in treatment (bbl): 41176

Max pressure during treatment (psi): 6972

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): 0.57

Total acid used in treatment (bbl):

Number of staged intervals: 9

Recycled water used in treatment (bbl): 41119

Flowback volume recovered (bbl): 20448

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

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: 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 water 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
401340209	FORM 5A SUBMITTED
401364111	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Passes permitting. • Corrected the "Bottom:" to the Williams Fork-Cameo formation panel per the attached Wellbore Diagram. Returned to draft for batch correction.(7/26/2017)	08/23/2017

Total: 1 comment(s)