

FORM
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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

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Date Received:

09/04/2018

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: 10433

2. Name of Operator: LARAMIE ENERGY LLC

3. Address: 1401 17TH STREET SUITE #1400

City: DENVER State: CO Zip: 80202

4. Contact Name: MEL LACKIE

Phone: (303) 339-4400

Fax: (303) 339-4399

Email: mlackie@laramie-energy.com

5. API Number 05-077-10532-00

7. Well Name: Gunderson

6. County: MESA

Well Number: 0994-13-16E

8. Location: QtrQtr: NESW Section: 13 Township: 9S Range: 94W Meridian: 6

9. Field Name: BRUSH CREEK Field Code: 7562

Completed Interval

FORMATION: COZZETTE

Status: PRODUCING

Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/30/2018 End Date: 07/30/2018 Date of First Production this formation: 07/30/2018

Perforations Top: 8486 Bottom: 8572 No. Holes: 24 Hole size: 0.37

Provide a brief summary of the formation treatment:

Open Hole: ☐

10,000 BBLS SLICKWATER; NO PROPPANT

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

Total fluid used in treatment (bbl): 10000

Max pressure during treatment (psi): 5050

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.76

Total acid used in treatment (bbl): 0

Number of staged intervals: 1

Recycled water used in treatment (bbl): 6800

Flowback volume recovered (bbl): 3404

Fresh water used in treatment (bbl): 3200

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 0

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/30/2018 Hours: 1 Bbl oil: 0 Mcf Gas: 5 Bbl H2O: 1

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 110 Bbl H2O: 29 GOR: 0

Test Method: FLOWING Casing PSI: 1655 Tubing PSI: 1020 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1060 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8521 Tbg setting date: 08/19/2018 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.

FORMATION: <u>CORCORAN</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>07/29/2018</u>		End Date: <u>07/29/2018</u>		Date of First Production this formation: <u>07/29/2018</u>	
Perforations	Top: <u>8640</u>	Bottom: <u>8688</u>	No. Holes: <u>18</u>	Hole size: <u>0.37</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
5,000 BBLS SLICKWATER; NO PROPPANT					
This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Total fluid used in treatment (bbl): <u>5000</u>			Max pressure during treatment (psi): <u>4363</u>		
Total gas used in treatment (mcf): <u>0</u>			Fluid density at initial fracture (lbs/gal): <u>8.34</u>		
Type of gas used in treatment: _____			Min frac gradient (psi/ft): <u>0.74</u>		
Total acid used in treatment (bbl): <u>0</u>			Number of staged intervals: <u>1</u>		
Recycled water used in treatment (bbl): <u>3400</u>			Flowback volume recovered (bbl): <u>3404</u>		
Fresh water used in treatment (bbl): <u>1600</u>			Disposition method for flowback: <u>RECYCLE</u>		
Total proppant used (lbs): <u>0</u>			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: <u>08/30/2018</u>	Hours: <u>1</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>5</u>	Bbl H2O: <u>1</u>	
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>110</u>	Bbl H2O: <u>29</u>	GOR: <u>0</u>	
Test Method: <u>FLOWING</u>	Casing PSI: <u>1655</u>	Tubing PSI: <u>1020</u>	Choke Size: <u>20/64</u>		
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1060</u>	API Gravity Oil: <u>0</u>		
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>8521</u>	Tbg setting date: <u>08/19/2018</u>	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 Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/01/2018 End Date: 08/10/2018 Date of First Production this formation: 08/01/2018

Perforations Top: 6490 Bottom: 8004 No. Holes: 174 Hole size: 0.37

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

78,000 BBLS SLICKWATER; NO PROPPANT

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

Total fluid used in treatment (bbl): 78000

Max pressure during treatment (psi): 6255

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.75

Total acid used in treatment (bbl): 0

Number of staged intervals: 6

Recycled water used in treatment (bbl): 53033

Flowback volume recovered (bbl): 27230

Fresh water used in treatment (bbl): 24967

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 0

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/30/2018 Hours: 1 Bbl oil: 0 Mcf Gas: 37 Bbl H2O: 12

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 880 Bbl H2O: 290 GOR: 0

Test Method: FLOWING Casing PSI: 1655 Tubing PSI: 1020 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1060 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8521 Tbg setting date: 08/19/2018 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: MEL LACKIE

Title: ENGINEERING TECHNICIAN Date: 9/4/2018 Email: mlackie@laramie-energy.com

Attachment List

Att Doc Num	Name
401724177	FORM 5A SUBMITTED
401740179	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Form 5 RTD has estimated TPZ Corrected by operator.	09/02/2020

Total: 1 comment(s)