

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:

401871517

Date Received:

09/06/2019

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: 10633  
2. Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC  
3. Address: 1801 CALIFORNIA STREET #2500  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Lindsey Organ  
Phone: (303) 774-3958  
Fax:  
Email: lindsey.organ@crestonepr.com

5. API Number 05-123-46571-00  
6. County: WELD  
7. Well Name: Ruegge  
Well Number: 3N-4H-N165  
8. Location: QtrQtr: SESW Section: 4 Township: 1N Range: 65W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
Treatment Date: 09/16/2018 End Date: 09/25/2018 Date of First Production this formation: 11/09/2018  
Perforations Top: 7770 Bottom: 12120 No. Holes: 644 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

167641 bbls of water, 167 bbls of additives (FRP-4CS, ACI-97, ASF-67) and 194 bbl HCL in a 28 stage frac with 3658350 lbs of silica quartz proppant

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

Total fluid used in treatment (bbl): 168002

Max pressure during treatment (psi): 9487

Total gas used in treatment (mcf):

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

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.96

Total acid used in treatment (bbl): 194

Number of staged intervals: 28

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 8856

Fresh water used in treatment (bbl): 167808

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3658350

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/18/2018 Hours: 24 Bbl oil: 522 Mcf Gas: 543 Bbl H2O: 444  
Calculated 24 hour rate: Bbl oil: 522 Mcf Gas: 543 Bbl H2O: 444 GOR: 1040  
Test Method: flowing Casing PSI: 1900 Tubing PSI: 800 Choke Size: 20/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1284 API Gravity Oil: 43  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7390 Tbg setting date: 10/11/2018 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:

TPZ based on actual top perf. TPZ: 453' FSL, 1391' FEL SEC 4 1N 65W

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Lindsey Organ

Title: Regulatory Coordinator Date: 9/6/2019 Email: lindsey.organ@crestonepr.com

### Attachment Check List

**Att Doc Num**      **Name**

401871517	COMPLETED INTERVAL REPORT
402449371	FORM 5A SUBMITTED

Total Attach: 2 Files

### General Comments

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	•Corrected reported TPZ •Operator reported their intent to request unit boundary setback reduction for the DSU.	07/23/2020
Permit	•Corrected footage call of TPZ FEL per Operator (calculated same) •Footage call of TPZ FSL @ 7770' is calculated to be 453'; contacted Operator	11/25/2019
Permit	•Returned to draft at Operator's request	09/05/2019

Total: 3 comment(s)