

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 401871321

Date Received:

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 05-123-46563-00
6. County: WELD
7. Well Name: Ruegge
Well Number: 3K-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: 09/24/2018 Date of First Production this formation: 11/09/2018
Perforations Top: 7554 Bottom: 11893 No. Holes: 644 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: [ ]

173838 bbls of water, 174 bbls of additives (FRP-4CS, ACI-97, ASF-67) and 162 bbl HCL in a 28 stage frac with 3988440 lbs of silica quartz proppant

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 174174 Max pressure during treatment (psi): 8825
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): 0.93
Total acid used in treatment (bbl): 162 Number of staged intervals: 28
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 9143
Fresh water used in treatment (bbl): 174012 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3988440 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/27/2018 Hours: 24 Bbl oil: 390 Mcf Gas: 442 Bbl H2O: 541
Calculated 24 hour rate: Bbl oil: 390 Mcf Gas: 442 Bbl H2O: 541 GOR: 1133
Test Method: flowing Casing PSI: 1425 Tubing PSI: 800 Choke Size: 18/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1311 API Gravity Oil: 43
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7090 Tbg setting date: 10/19/2018 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:

TPZ based on actual top perf. TPZ: 460' FSL, 2613' FWL 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: \_\_\_\_\_ Email: lindsey.organ@crestonepr.com

### Attachment Check List

**Att Doc Num**      **Name**

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Total Attach: 0 Files

### General Comments

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	•Returned to draft at Operator's request	09/05/2019

Total: 1 comment(s)