

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:

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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 05-123-46559-00
6. County: WELD
7. Well Name: Ruegge
Well Number: 3I-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: 08/27/2018 End Date: 09/04/2018 Date of First Production this formation: 11/09/2018
Perforations Top: 7550 Bottom: 11865 No. Holes: 1034 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

173264 bbls of water, 120 bbls of additives (FRP-4CS, ACI-97, ASF-67, Liberty Clean Out Fluid 2000) and 9 bbl HCL in a 44 stage frac with 3823540 lbs of silica quartz proppant

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

Total fluid used in treatment (bbl): 173393

Max pressure during treatment (psi): 8686

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): 0.87

Total acid used in treatment (bbl): 9

Number of staged intervals: 44

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 9531

Fresh water used in treatment (bbl): 173384

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3823540

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/27/2018 Hours: 24 Bbl oil: 441 Mcf Gas: 523 Bbl H2O: 575
Calculated 24 hour rate: Bbl oil: 441 Mcf Gas: 523 Bbl H2O: 575 GOR: 1186
Test Method: flowing Casing PSI: 1400 Tubing PSI: 900 Choke Size: 18/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1325 API Gravity Oil: 43
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7097 Tbg setting date: 10/03/2018 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, 1890' 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

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Attachment Check List

Att Doc Num **Name**

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Total Attach: 0 Files

General Comments

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

Total: 1 comment(s)