

FORM
5ARev
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 05-123-46561-00

6. County: WELD

7. Well Name: Ruegge

Well Number: 3L-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: 7514 Bottom: 11893 No. Holes: 632 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

179301 bbls of water, 181 bbls of additives (FRP-4CS, ACI-97, ASF-67) and 173 bbl HCL in a 28 stage frac with 4031950 lbs of silica quartz proppant

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

Total fluid used in treatment (bbl): 179655

Max pressure during treatment (psi): 9204

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): 0.91

Total acid used in treatment (bbl): 173

Number of staged intervals: 28

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 7296

Fresh water used in treatment (bbl): 179482

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 4031950

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/30/2018 Hours: 24 Bbl oil: 416 Mcf Gas: 592 Bbl H2O: 226

Calculated 24 hour rate: Bbl oil: 416 Mcf Gas: 592 Bbl H2O: 266 GOR: 1423

Test Method: flowing Casing PSI: 2150 Tubing PSI: 900 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1308 API Gravity Oil: 43

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7202 Tbg setting date: 10/17/2018 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 Coordinitor

Date: _____

Email: lindsey.organ@crestonepr.com

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)