

FORM  
5A

Rev  
09/20

## State of Colorado

### Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

402795498

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: 74165

2. Name of Operator: RENEGADE OIL & GAS COMPANY LLC

3. Address: 6155 S MAIN STREET #225

City: AURORA State: CO Zip: 80016

4. Contact Name: Edward Ingve

Phone: (303) 829-2354

Fax:

Email: ed@renegadeoilandgas.com

5. API Number 05-005-07364-00

7. Well Name: State of Colorado

6. County: ARAPAHOE

Well Number: 3-33

8. Location: QtrQtr: NWNW Section: 33 Township: 5S Range: 64W Meridian: 6

9. Field Name: BRAVE Field Code: 7515

## Completed Interval

FORMATION: D & J SAND Status: PRODUCING Treatment Type: \_\_\_\_\_  
Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date this Formation was Completed: 04/15/2021  
Perforations Top: 8440 Bottom: 8545 No. Holes: 79 Hole size: 41/100 Open Hole: ☐

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

This formation is commingled with another formation: ☐ Yes ☒ No  
Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_  
Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_  
Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_  
Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_  
Recycled or Reused Fluids used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_  
Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_  
Total proppant used (lbs): \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

### Test Information:

06/23/2021 Hours: 24 Bbl oil: 19 Mcf Gas: 5 Bbl H2O: 40  
Date Calculated 24 hour rate: Bbl oil: 19 Mcf Gas: 5 Bbl H2O: 40 GOR: 263  
Test Method: Pumping Casing PSI: 160 Tubing PSI: 15 Choke Size: \_\_\_\_\_  
Gas Disposition: \_\_\_\_\_ Gas Type: WET Btu Gas: 1355 API Gravity Oil: 36  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 8583 Tbg setting date: 04/27/2021 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: D SAND Status: COMMINGLED Treatment Type: HYDRAULIC FRACTURING  
Treatment Date: 03/29/2021 End Date: 03/29/2021 Date this Formation was Completed: 04/06/2021  
Perforations Top: 8440 Bottom: 8476 No. Holes: 35 Hole size: 41/100 Open Hole: ☐

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

The D Sand Formation was perforated from 8440'-8445' with 4SPF and 8461'-8476' with 1 SPF after placement of composite bridge plug at 8510'.  
Fracture stimulated D Sand Formation with 1182 barrels 30# crosslinked borate gel containing 5,280# 100 mesh sand and 51,000# 20/40 sand at 31 BPM and average pressure of 4680 psi. Due to a operational situation at surface very little flush was pumped. This caused a substantial amount of 20/40 sand to be left in the casing to have to be circulated out after shut down. It is estimated that 15,000# of the 20/40 sand was left in the casing never making it into formation. Approximately 36,000# of 20/40 sand made it into formation. The ISIP as well as other end of job pressures are meaningless.  
D Sand Formation has been commingled with the J Sand and the well has been placed on production.

This formation is commingled with another formation: ☒ Yes ☐ No  
Total fluid used in treatment (bbl): 1182 Max pressure during treatment (psi): 5348  
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): \_\_\_\_\_  
Total acid used in treatment (bbl): 0 Number of staged intervals: 1

Recycled or Reused Fluids used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 0  
Fresh water used in treatment (bbl): 1182 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 56280

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_  
Date: \_\_\_\_\_ Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_  
Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_  
Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_  
Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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: J SAND Status: COMMINGLED Treatment Type: HYDRAULIC FRACTURING

Treatment Date: 03/29/2021 End Date: 03/29/2021 Date this Formation was Completed: 10/08/2018  
Perforations Top: 8521 Bottom: 8545 No. Holes: 48 Hole size: 41/100 Open Hole: ☐

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

Fracture stimulated J Sand Formation with 1979 barrels (132 barrels flush) 30# crosslinked borate gel containing 5,280# 100 mesh sand and 161,880 20/40 sand at 32 BPM and 3551 psi average pressure. Maximum pressure was 3891 psi. ISIP - 2355 psi. 5 min - 2163 psi. 10 min - 1983 psi. 15 min - 1860 psi.  
Upon placement of the J Sand stimulation treatment a composite bridge plug was set at 8510' and the D Sand was perforated and fracture stimulated. The BP was later drilled out and the D Sand and J Sand were commingled.

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

Total fluid used in treatment (bbl): 1979 Max pressure during treatment (psi): 3891  
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): \_\_\_\_\_  
Total acid used in treatment (bbl): 0 Number of staged intervals: 1  
Recycled or Reused Fluids used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 0  
Fresh water used in treatment (bbl): 1979 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 167160

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_  
Date: \_\_\_\_\_ Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_  
Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_  
Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_  
Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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:

Form 5A is being filed to reflect a March 29, 2021 staged fracture stimulation performed on the D Sand and J Sand. The J Sand was originally perforated but never fracture stimulated after drilling. The well was then shut in pending a gas capture plan. With gas fired onsite electrical generation being utilized, additional completion work has been performed. The J Sand was fraced and the D Sand was perforated and fraced after a composite plug was set. Both zones have been commingled after the plug was drilled out and placed on production.

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

Signed: \_\_\_\_\_ Print Name: Edward Ingve  
Title: Manager/Owner Date: \_\_\_\_\_ Email: ed@renegadeoilandgas.com

### Attachment List

**Att Doc Num**      **Name**

402795525	OTHER
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)