

FORM

21

Rev
11/20

State of Colorado

Energy & Carbon Management Commission

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



Document Number:

403834520

Date Received:

06/25/2024

MECHANICAL INTEGRITY TEST

- 1. Duration of the pressure test must be a minimum of 15 minutes.
2. An original pressure chart must accompany this report if this test was not witnessed by an ECMC representative.
3. For production wells, test pressures must be at a minimum of 300 psig.
4. New injection wells must be tested to maximum requested injection pressure.
5. For injection wells, test pressures must be at least 300 psig or average injection pressure, whichever is greater.
6. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
7. Do not use this form if submitting under provisions of Rule 326.a(1)B. or C.
8. Written ECMC notification must be provided 10 days prior to the test via Form 42, Field Operations Notice
9. Packers or bridge plugs, etc., must be set within 100 feet of the perforated interval to be considered a valid test.

Complete the Attachment

Checklist

OP ECMC

ECMC Operator Number: 74165 Contact Name: Edward Ingve
Name of Operator: RENEGADE OIL & GAS COMPANY LLC Phone: (303) 829-2354
Address: 6155 S MAIN STREET #225
City: AURORA State: CO Zip: 80016 Email: ed@renegadeoilandgas.com
API Number: 05-039-06536 ECMC Facility ID Number: 209631
Well/Facility Name: MUSGRAVE Well/Facility Number: 15-2
Location QtrQtr: NWNE Section: 15 Township: 6S Range: 64W Meridian: 6

SHUT-IN PRODUCTION WELL [checked] INJECTION WELL [] Last MIT Date:
Test Type:
[] Test to Maintain SI/TA status [] 5-Year UIC [] Reset Packer
[checked] Verification of Repairs [] Annual UIC TEST
[] Describe Repairs or Other Well Activities: Casing repair work was undertaken to reestablish mechanical integrity of the well. Several cement squeezes were required to finally obtain integrity per ECMC MIT guidance and rules.

Wellbore Data at Time of Test
Injection Producing Zone(s): DJSND Perforated Interval: 8218'-8284' Open Hole Interval:
Tubing Casing/Annulus Test
Tubing Size: Tubing Depth: Top Packer Depth: Multiple Packers? []
Casing Test
Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.
Bridge Plug or Cement Plug Depth: 8150

Test Data (Use -1 for a vacuum)
Table with 5 columns: Test Date, Well Status During Test, Casing Pressure Before Test, Initial Tubing Pressure, Final Tubing Pressure.
Row 1: 06-24-2024, SHUT-IN, 0, ,
Row 2: Casing Pressure Start Test, Casing Pressure - 5 Min., Casing Pressure - 10 Min., Casing Pressure Final Test, Pressure Loss or Gain.
Row 3: 409, 405, 401, 400,

Test Witnessed by State Representative? [] ECMC Field Representative: Medina, Justin

OPERATOR COMMENTS:

Well was fully loaded shortly prior to the MIT being conducted. Air was likely not completely worked out of the casing. With the passage of time the MIT conformed to ECMC guidance for a successful test. Communication via text occurred between Renegade and ECMC Field Inspector Justin Medina several days prior to the MIT. Operator was instructed to proceed with the test and to chart the results.

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 Email: ed@renegadeoilandgas.com Date: 6/25/2024

Based on the information provided herein, this Notice (Form 21) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: Jacobson, Eric

Date: 6/26/2024

CONDITIONS OF APPROVAL, IF ANY LIST

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403834520	FORM 21 SUBMITTED
403835462	FORM 21 ORIGINAL
403835807	MECHANICAL INTEGRITY TEST
403835808	PRESSURE CHART

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)