

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

☒ SHUT-IN PRODUCTION WELL☐ INJECTION WELL

Last MIT Date:

Test Type:

☐ Test to Maintain SI/TA status☐ 5-Year UIC☐ Reset Packer☒ 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				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 <div>8150</div>
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval		
DJSND	8218'-8284'			
Tubing Casing/Annulus Test				
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	
			<input type="checkbox"/>	

Test Data (Use -1 for a vacuum)

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
06-24-2024	SHUT-IN	0		
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
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

Att Doc Num

Name

403834520	FORM 21 SUBMITTED
403835462	FORM 21 ORIGINAL
403835807	MECHANICAL INTEGRITY TEST
403835808	PRESSURE CHART

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)