

FORM

21

Rev 11/20

# State of Colorado Oil and Gas Conservation Commission

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



Document Number:

402830350

Date Received:

10/04/2021

## MECHANICAL INTEGRITY TEST

- Duration of the pressure test must be a minimum of 15 minutes.
- An original pressure chart must accompany this report if this test was not witnessed by an OGCC representative. Injection well tests must be witnessed by an OGCC representative.
- For production wells, test pressures must be at a minimum of 300 psig.
- New injection wells must be tested to maximum requested injection pressure.
- For injection wells, test pressures must be at least 300 psig or average injection pressure, whichever is greater.
- A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
- Do not use this form if submitting under provisions of Rule 326.a(1)B. or C.
- Written OGCC notification must be provided 10 days prior to the test via Form 42, Field Operations Notice
- 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 OGCC

OGCC Operator Number: 53255	Contact Name: Diane Togstad	Pressure Chart		
Name of Operator: MARALEX RESOURCES INC	Phone: (970) 563-4000	Cement Bond Log		
Address: P O BOX 338		Tracer Survey		
City: IGNACIO State: CO Zip: 81137 Email: diane.togstad@dkt-llc.com		Temperature Survey		
API Number: 05-045-06743	OGCC Facility ID Number: 210985	Inspection Number		
Well/Facility Name: SOUTH SHALE RIDGE	Well/Facility Number: 10-7			
Location QtrQtr: NWSE Section: 7 Township: 8S Range: 98W 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: perform MIT

Wellbore Data at Time of Test				Casing Test
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval		
CMEOC	3100-3221			
Tubing Casing/Annulus 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.
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	
			<input type="checkbox"/>	
Bridge Plug or Cement Plug Depth				
				3052

Test Data (Use -1 for a vacuum)				
Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
09-24-2021	SHUT-IN	0	0	0
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
450	450	450	449	-1

Test Witnessed by State Representative?  OGCC Field Representative \_\_\_\_\_

### OPERATOR COMMENTS:

Perform MIT

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

Signed: \_\_\_\_\_ Print Name: Diane Togstad  
Title: Contract Compliance/Prod Email: diane.togstad@dkt-llc.com Date: 10/4/2021

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

COGCC Approved: Katz, Aaron Date: 10/6/2021

### CONDITIONS OF APPROVAL, IF ANY:

## Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402830350	FORM 21 SUBMITTED
402830385	PRESSURE CHART
402830387	OTHER

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Well is producing as of 3/1/21. Prior to this date well was SI since 7/2014 and the last MIT was completed on 9/12/2014.  Added BP depth from notes in job summary  Corrected production interval from OH to the perforated interval as noted on DOC#506416	10/06/2021
Engineer	Test data confirms that any losses are within the allowance and that the test stabilized the last 5 minutes of the test.	10/06/2021

Total: 2 comment(s)