

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

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 OGCC 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 OGCC 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 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@dkl-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 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 3052
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval		
CMEOC	3100-3221			
Tubing Casing/Annulus Test				
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	

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@dkl-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)