

FORM

21

Rev
08/14

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:

402116242

Date Received:

10/28/2019

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: 10690	Contact Name: Sam Bradley	Pressure Chart		
Name of Operator: IMPETRO RESOURCES LLC	Phone: (970) 593-8626	Cement Bond Log		
Address: 2820 LOGAN DRIVE		Tracer Survey		
City: LOVELAND State: CO Zip: 80538 Email: sbradley.impetro@gmail.com		Temperature Survey		
API Number: 05-121-05190	OGCC Facility ID Number: 233166	Inspection Number		
Well/Facility Name: SCOTT	Well/Facility Number: 1-WD			
Location QtrQtr: NENW Section: 7 Township: 4S Range: 53W Meridian: 6				

☐ SHUT-IN PRODUCTION WELL ☒ INJECTION WELL Last MIT Date: 6/28/2018 12:00:00 AM

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: n/a

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 4430
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval		
JSND	4636-4684			
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
06-27-2019	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
369	368	367	367	-2

Test Witnessed by State Representative? ☒ OGCC Field Representative Sherman, Susan

OPERATOR COMMENTS:

Passed MIT. The Form 10 was not approved at the time of the test so the original MIT was emailed. Now it is being submitted via eForm.

Requesting permission to go to 5 year MIT's on this well. The well has 20+ years of passed annual MIT's. The well is taking fluid on a vacuume at -15 psi. The braden head is dead. The tubing is cemented to surface.

Updated comments 10/28/19:

2-7/8" Tubing is cemented in the hole at 4,430 with a packer on bottom. 2-7/8" tubing is cemented to surface. The deepest a plug can be set to MIT is at the bottom of the tubing at 4,430'. Top perforation is at 4,636.5... with tubing cemented in the gound at 4,430' there is no way to get closer to the perforation with a plug. I have attached a WBD which may help clarify this.

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

Signed: _____

Print Name: Sam Bradley

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

COGCC Approved: KOEHLER, BOB

Date: 5/22/2020

CONDITIONS OF APPROVAL, IF ANY:

After discussions with COGCC staff request to switch from Annual MITs to 5-year cycle is denied. Operator is required to continue doing annual MITs.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402116242	FORM 21 SUBMITTED
402116244	OTHER
402223974	FORM 21 ORIGINAL
402224007	OTHER

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
UIC	Resubmitted with scan of original paper field copy doc # 402223974. Bridge plug set at 4430 to perform test incorrectly entered as Tubing and Packer Depths on Paper and Submitted form. Confirmed on phone with operator that 4430 is correct plug depth. Plug cannot be set deeper than the end of the 2nd String (i.e. cemented in tubing).	05/22/2020
Engineer	returned to DRAFT for original Form 21 - why plug not within 100' of perms, clarification of tubing description	10/28/2019

Total: 2 comment(s)