

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:

401789860

Date Received:

10/09/2018

## 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: 10112	Contact Name: Alyssa Beard	Pressure Chart		
Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC	Phone: (303) 244-8114	Cement Bond Log		
Address: 5057 KELLER SPRINGS RD STE 650		Tracer Survey		
City: ADDISON State: TX Zip: 75001 Email: abeard@foundationenergy.com		Temperature Survey		
API Number: 05-103-10434	OGCC Facility ID Number: 272011	Inspection Number		
Well/Facility Name: COLUMBINE SP FED	Well/Facility Number: 7C-11-4-104			
Location QtrQtr: NWSE Section: 11 Township: 4S Range: 104W 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: \_\_\_\_\_

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 1475
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval		
MVRDC	1548-1766			
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
09-28-2018	SHUT -IN	0		
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
521	517	515	514	-7

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

## OPERATOR COMMENTS:

This MIT was completed on 9/28/2018

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

Signed: \_\_\_\_\_ Print Name: Bonita J Harris  
Title: HSE/Regulatory Tech Email: bharris@foundationenergy.com Date: 10/9/2018

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

COGCC Approved: Chollett, Shannon Date: 11/16/2018

## CONDITIONS OF APPROVAL, IF ANY:

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401789860	FORM 21 SUBMITTED
401789874	FORM 21 ORIGINAL
401789876	PRESSURE CHART

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Pressure delta during test period was -7 psi.	11/16/2018

Total: 1 comment(s)