

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:
401882950
Date Received:

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. Injection well tests must be 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: <u>10112</u> Contact Name <u>Alyssa Beard</u>				Pressure Chart		
Name of Operator: <u>FOUNDATION ENERGY MANAGEMENT LLC</u> Phone: <u>(303) 244-8114</u>				Cement Bond Log		
Address: <u>5057 KELLER SPRINGS RD STE 650</u>				Tracer Survey		
City: <u>ADDISON</u> State: <u>TX</u> Zip: <u>75001</u> Email: <u>regulatory@foundationenergy.co</u>				Temperature Survey		
API Number : 05- <u>123-19938</u> OGCC Facility ID Number: <u>256938</u>				Inspection Number		
Well/Facility Name: <u>FEDERAL MACAW</u> Well/Facility Number: <u>33-1</u>						
Location QtrQtr: <u>NENE</u> Section: <u>33</u> Township: <u>8N</u> Range: <u>60W</u> Meridian: <u>6</u>						

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	
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval		Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.	
DSND	6922-6934				
Tubing Casing/Annulus Test				Bridge Plug or Cement Plug Depth	
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	<input style="width: 100px; height: 20px;" type="text"/>	
2.375	6869	6869	<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
11-20-2018	SHUT -IN	-1	-1	-1
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
500	500	509	518	518

Test Witnessed by State Representative? OGCC Field Representative _____

OPERATOR COMMENTS:

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

Signed: _____ Print Name: Alyssa Beard

Title: HSE Manager Email: regulatory@foundationenergy.com Date: _____

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

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

Going forward the Pressure versus Time plot must include the pressure run up, the test, and the pressure run down

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401882953	FORM 21 ORIGINAL
401992594	PRESSURE CHART
401992596	OTHER

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Returned to draft. <ul style="list-style-type: none">• What depth was the CIBP/CICR(or other method of isolation) set to perform the mechanical integrity test?• Initial pressure cannot be "0"	03/19/2019

Total: 1 comment(s)