

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:

401578493

Date Received:

03/19/2018

## 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: 100322	Contact Name: Brian Ulmer	Pressure Chart		
Name of Operator: NOBLE ENERGY INC	Phone: (303) 905-4467	Cement Bond Log		
Address: 1001 NOBLE ENERGY WAY		Tracer Survey		
City: HOUSTON State: TX Zip: 77070 Email: brian.ulmer@nblenergy.com		Temperature Survey		
API Number: 05-123-16594	OGCC Facility ID Number: 248792	Inspection Number		
Well/Facility Name: MCCLELLAN	Well/Facility Number: 4-12			
Location QtrQtr: NWNE Section: 4 Township: 4N Range: 65W 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

Injection Producing Zone(s)	Perforated Interval	Open Hole Interval
NB-CD	6750-6951/7052-7064	

## Tubing Casing/Annulus Test

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
			<input type="checkbox"/>

## 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

6600

## Test Data (Use -1 for a vacuum)

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
02-26-2018	SHUT -IN	0		
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
432	429	428	427	-5

 Test Witnessed by State Representative? ☐ OGCC Field Representative

## OPERATOR COMMENTS:

Initial Surface Casing Pressure: psi  
 5 min: 21  
 10 min: 21  
 15 min: 21

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

 Signed: \_\_\_\_\_ Print Name: Jan Barthel  
 Title: Engineering Tech Email: jan.barthel@nblenergy.com Date: 3/19/2018

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

COGCC Approved: Difima, Edith

Date: 3/22/2018

**CONDITIONS OF APPROVAL, IF ANY:**

**Attachment Check List**

**Att Doc Num**

**Name**

401578493	FORM 21 SUBMITTED
401578498	FORM 21 ORIGINAL
401578500	PRESSURE CHART

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Operator performed bhd test on 12/07/2017 - Doc#401487534 - BLEWDOWN TO ZERO SURGED WATER THEN NO PSI NO FLOW AT END OF TEST	03/22/2018
Engineer	6 days notice. Original Form 21- Cmt Plug 6600'-7040' Report as TA from date BP was set in the hole	03/22/2018

Total: 2 comment(s)