

**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:  
401581192  
Date Received:  
03/21/2018

**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: <u>100322</u>	Contact Name <u>Brian Ulmer</u>				
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(303) 905-4467</u>				
Address: <u>1001 NOBLE ENERGY WAY</u>					
City: <u>HOUSTON</u>	State: <u>TX</u>	Zip: <u>77070</u>	Email: <u>brian.ulmer@nbenergy.com</u>		
API Number : 05- <u>123-26609</u>				OGCC Facility ID Number: <u>293776</u>	
Well/Facility Name: <u>RICHARDSON K</u>				Well/Facility Number: <u>17-14X</u>	
Location QtrQtr: <u>SESW</u>		Section: <u>17</u>	Township: <u>4N</u>	Range: <u>66W</u>	Meridian: <u>6</u>
Pressure Chart					
Cement Bond Log					
Tracer Survey					
Temperature Survey					
Inspection Number					

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.	
NB-CD	6924-7038/7235-7252				
Tubing Casing/Annulus Test				Bridge Plug or Cement Plug Depth	
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	6875	
			<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
03-02-2018	SHUT -IN	6		
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
478	477	476	476	-2

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

**OPERATOR COMMENTS:**

Initial Surface Casing Pressure: 36 psi  
5 min: 36 psi  
10 min: 36 psi  
15 min: 36 psi

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

Signed: \_\_\_\_\_      Print Name: Stephanie Dionne  
Title: Engineering Tech      Email: stephanie.dionne@nbenergy.com      Date: 3/21/2018

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**

401581192	FORM 21 SUBMITTED
401581195	PRESSURE CHART
401581196	FORM 21 ORIGINAL

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Operator performed bhd test on 12/07/2017 - Doc#401487600 - BLEW DOWN TO ZERO. NO PSI, NO FLOW AT END OF TEST.	03/22/2018
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Total: 1 comment(s)