

**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:  
401092060  
Date Received:  
08/11/2016

**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>100322</u>	Contact Name: <u>Carl Swift</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(970) 217-5527</u>
Address: <u>1625 BROADWAY STE 2200</u>	
City: <u>DENVER</u>	State: <u>CO</u> Zip: <u>80202</u> Email: <u>carl.swift@nblenergy.com</u>
API Number: <u>05-123-30333</u>	OGCC Facility ID Number: <u>411985</u>
Well/Facility Name: <u>WELLS RANCH AF</u>	Well/Facility Number: <u>06-13</u>
Location QtrQtr: <u>SWSW</u>	Section: <u>6</u> Township: <u>5N</u> Range: <u>62W</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 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 <u>6278</u>
Injection Producing Zone(s)	Perforated Interval	Open Hole Interval	
NB-CD	6328-6484, 6580-6588		
Tubing Casing/Annulus Test			
Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
			<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
08-03-2016	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
1538	1534	1532	1529	-9

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

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@nblenergy.com      Date: 8/11/2016

Based on the information provided herein, this Notice (Form 21) complies with COGCC Rules and applicable orders and is hereby approved.  
COGCC Approved: Wolfe, Stephen      Date: 11/1/2016

**CONDITIONS OF APPROVAL, IF ANY:**

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**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>	
401092060	FORM 21 SUBMITTED	
401092070	FORM 21 ORIGINAL	
401092071	PRESSURE CHART	
Total Attach: 3 Files		
<b><u>General Comments</u></b>		
<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Total: 0 comment(s)		