

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:

401580785

Date Received:

03/20/2018

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: 05-123-24007	OGCC Facility ID Number: 285639	Inspection Number		
Well/Facility Name: WASTE MANAGEMENT	Well/Facility Number: 31-35			
Location QtrQtr: NWNW Section: 35 Township: 3N Range: 64W 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	6712-6728/6946-6959	

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

6562

Test Data (Use -1 for a vacuum)

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
02-27-2018	SHUT -IN	200		
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
451	449	449	448	-3

Test Witnessed by State Representative? ☐ OGCC Field Representative

OPERATOR COMMENTS:

Initial Surface Casing Pressure: psi
 5 min: 55 psi
 10 min: 55 psi
 15 min: 55 psi

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: 3/20/2018

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: 3/21/2018

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num

Name

401580785	FORM 21 SUBMITTED
401580799	FORM 21 ORIGINAL
401580802	PRESSURE CHART

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Engineer	Operator performed bhd test on 12/13/2017 - Doc#401488248 -BLEWDOWN TO ZERO AT 20 MIN MARK. GAS PRESSURE BEGAN TO BUILD. GAS FLOW AT END OF TEST INSTANTANEOUS 4 PSI	03/21/2018
Engineer	6 days notice. Original Form 21- Cmt Plug 6562'-6941' Report as TA from date BP was set in the hole	03/21/2018

Total: 2 comment(s)