

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:

401993925

Date Received:

04/02/2019

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: Hunter Dunham	Pressure Chart		
Name of Operator: NOBLE ENERGY INC	Phone: (303) 228-4308	Cement Bond Log		
Address: 1001 NOBLE ENERGY WAY		Tracer Survey		
City: HOUSTON State: TX Zip: 77070 Email: hunter.dunham@nblenergy.com		Temperature Survey		
API Number: 05-123-09739	OGCC Facility ID Number: 241948	Inspection Number		
Well/Facility Name: VERN MARSHALL	Well/Facility Number: 1			
Location QtrQtr: NWSW Section: 32 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
SUSX	4658-4610	

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

4624

Test Data (Use -1 for a vacuum)

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
03-28-2019	TEMPORARILY ABANDONED	0	0	0

Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
382	379	378	376	-6

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: Diane Blair

Title: Operations Technician

Email: diane.blair@nblenergy.com

Date: 4/2/2019

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

COGCC Approved: Daigle, Ryan

Date: 4/25/2019

CONDITIONS OF APPROVAL, IF ANY:

Going forward the mechanical integrity test should be run until the pressure stabilizes and is not trending up or down.

Attachment Check List

Att Doc Num

Name

401993925	FORM 21 SUBMITTED
401993927	FORM 21 ORIGINAL
401993928	PRESSURE CHART

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Engineer	Field staff was contacted and witnessed the test, CIBP is within the permissible distance from the perforated interval portion of the wellbore, chart is included, pressure remained within acceptable parameters.	04/25/2019
----------	--	------------

Total: 1 comment(s)