

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:

401993961

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
Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4308
Address: 1001 NOBLE ENERGY WAY
City: HOUSTON State: TX Zip: 77070 Email: hunter.dunham@nblenergy.com
API Number: 05-123-32998 OGCC Facility ID Number: 421664
Well/Facility Name: GUTTERSEN STATE Well/Facility Number: D22-24
Location QtrQtr: SWSE Section: 22 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
JNBCD 7494-7453, 6996-6759
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 6709

Test Data (Use -1 for a vacuum)
Table with 5 columns: Test Date, Well Status During Test, Casing Pressure Before Test, Initial Tubing Pressure, Final Tubing Pressure.
Table with 5 columns: Casing Pressure Start Test, Casing Pressure - 5 Min., Casing Pressure - 10 Min., Casing Pressure Final Test, Pressure Loss or Gain.

Test Witnessed by State Representative? OGCC Field Representative

OPERATOR COMMENTS:
This weekend a MIT was performed on Saturday 3/30/19 without a Form 42 being filed. It got lost in the transition from one person doing the job to next taking over. The Form 42 Doc ID number in the Related Forms tab is for the Start of Operations Form 42. An email was sent to Diane McCoy on 4/1/19 asking how she wanted me to proceed.

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: 4/30/2019

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

<u>Att Doc Num</u>	<u>Name</u>
401993961	FORM 21 SUBMITTED
401993963	FORM 21 ORIGINAL
401993964	PRESSURE CHART

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Waiting on a copy of the Form 21 signed field copy; corrected. 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)