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FORM 21 Rev 9/14

State of Colorado Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)-894-2100 Fax: (303)-894-2109

FOR OGCC USE ONLY

Document Number:

Date Received:

MECHANICAL INTEGRITY TEST

Complete the Attachment Checklist

- 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 a 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. OGCC notification must be provided 10 days prior to the test via Form 42.
9. Packers or bridge plugs, etc., must be set within 100 feet of the perforated interval to be considered a valid test.

OGCC Operator Number: 100322
Name of Operator: Noble Energy Inc
Address: 1625 Broadway Ste 2200
City: Denver State: CO Zip: 80202
API Number: 05-123-13911 OGCC Facility ID Number: 49970
Well/Facility Name: Lilli Unit Well/Facility Number: 8-7
Location QtrQtr: SENE Section: 7 Township: 8N Range: 58N Meridian: 6PM

Table with columns Oper and OGCC, rows Pressure Chart, Cement Bond Log, Tracer Survey, Temperature Survey, Inspection Number

SHUT-IN PRODUCTION WELL [] INJECTION WELL [x] Last MIT Date: 11/19/2013

Test Type:

- Test to Maintain SI/TA status [] 5- year UIC [x] Reset Packer []
Verification of Repairs [] Annual UIC Test []

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test
Injection/Producing Zone(s): D Sand
Perforated Interval: 6442'-6452'
Open Hole Interval: N/A
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.

Tubing Casing/Annulus Test
Tubing Size: 2 3/8"
Tubing Depth: 6381'
Top Packer Depth: 6382
Multiple Packers? [] Yes [x] No

Test Data table with columns: Test Date, Well Status During Test, Casing Pressure Before Test, Initial Tubing Pressure, Final Tubing Pressure, Casing Pressure Start Test, Casing Pressure - 5 Min., Casing Pressure - 10 Min., Casing Pressure Final Test, Pressure Loss or Gain During Test

Test Witnessed by State Representative? [x] Yes [] No
OGCC Field Representative (Print Name): Bret Ewins

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

Print Name: Eric M. Erker

Signed: [Signature] Title: Assistant Production Foreman Date: 10/04/2018

OGCC Approval: _____ Title: _____ Date: _____

Conditions of Approval, if any: