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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

- 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.

Complete the Attachment Checklist

OGCC Operator Number: 100322
Name of Operator: NOBLE ENERGY INC
Address: 1001 NOBLE ENERGY WAY
City: HOUSTON State: TX Zip: 77070
API Number: 05-123-29445
Well/Facility Name: GUTTERSEN STATE
Location Qtr: NESW Section: 16 Township: 3N Range: 64W Meridian: 6

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

[X] SHUT-IN PRODUCTION WELL [] INJECTION WELL

Last MIT Date: _____

Test Type:

- [X] 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

Table with columns: Injection/Producing Zone(s), Perforated Interval, Open Hole Interval.

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: 7340' 6630

Tubing Casing/Annulus Test

Table with columns: Tubing Size, Tubing Depth, Top Packer Depth, Multiple Packers?

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?

[] Yes [X] No

OGCC Field Representative (Print Name): _____

sfc csg initial - 136 sfc csg @ 5 min 137 @ 10 min 137 @ 15 min 137

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

Print Name: ERICH ZWAAGSTRA

Signed: [Signature] Title: SENIOR COMPLETIONS FOREMAN Date: _____

OGCC Approval: _____ Title: _____ Date: _____

Conditions of Approval, if any: