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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. Injection wells tests must be witnessed by an OGCC representative.
3. For production wells, test pressures must be a at 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	Contact Name and Telephone ERICH ZWAAGSTRA
Name of Operator: NOBLE ENERGY INC	No: (970) 304-5122
Address: 1001 NOBLE ENERGY WAY	Email: ERICH.ZWAAGSTRA@NBLENERGY.COM
City: HOUSTON State: TX Zip: 77070	
API Number: 05-123-29445 OGCC Facility ID Number:	
Well/Facility Name: GUTTERSEN STATE Well/Facility Number: D16-20	
Location Qtr: NESW Section: 16 Township: 3N Range: 64W Meridian: 6	

	Oper	OGCC
Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

☒ 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: _____

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'

Wellbore Data at Time of Test

Injection/Producing Zone(s)	Perforated Interval:	Open Hole Interval:
JSAND/CODELL/NIORARA	J7428-7474COD6956-6970NIO66806743	

Tubing Casing/Annulus Test

Tubing Size: 2 3/8	Tubing Depth: 6281'	Top Packer Depth: N/A	Multiple Packers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Test Data

Test Date 2/8/18	Well Status During Test Shut in	Casing Pressure Before Test 0	Initial Tubing Pressure 0	Final Tubing Pressure 0
Casing Pressure Start Test 458	Casing Pressure - 5 Min. 455	Casing Pressure - 10 Min. 453	Casing Pressure Final Test 452	Pressure Loss or Gain During Test 6

Test Witnessed by State Representative?

☐ Yes ☒ 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: Eric Zwaagstra Title: SENIOR COMPLETIONS FOREMAN Date: _____

OGCC Approval: _____ Title: _____ Date: _____

Conditions of Approval, if any: