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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

MECHANICAL INTEGRITY TEST

FOR OGCC USE ONLY

Document Number:

Date Received:

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	Contact Name and Telephone
Name of Operator: NOBLE ENERGY INC	ERICH ZWAAGSTRA
Address: 1001 NOBLE ENERGY WAY	No: (970) 304-5122
City: HOUSTON State: TX Zip: 77070	Email: ERICH.ZWAAGSTRA@NBLENERGY.COM
API Number: 05-123-24923 OGCC Facility ID Number:	
Well/Facility Name: SHOEMAKER	Well/Facility Number: A12-01
Location QtrQtr: NENE Section: 12 Township: 6N 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
6540

Wellbore Data at Time of Test

Injection/Producing Zone(s)	Perforated Interval:	Open Hole Interval:
CODELL/NIOBRARA	COD 6877-6888/NIO6590-6722	

Tubing Casing/Annulus Test

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
2 3/8	6140	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Test Data

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
2/17/18	Shut in	0	0	0
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain During Test
533	529	528	527	6

Test Witnessed by State Representative?

☐ Yes

☒ No

OGCC Field Representative (Print Name):

Initial Surface Casing Psi 0 0 5 min 0 10 min 0 15 min

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: Title: SENIOR COMPLETIONS FOREMAN Date: 2/17/18

OGCC Approval: _____ Title: _____ Date: _____

Conditions of Approval, if any: