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FORM  
21  
Rev 3/13

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

MECHANICAL INTEGRITY TEST

Fill out Part II of this form if well tested is a permitted or pending injection well. Send original plus one copy.

1. Duration of the pressure test must be a minimum of 15 minutes.
2. A 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. Injection well tests must be witnessed by an OGCC representative.
5. New injection wells must be tested to maximum requested injection pressure.
6. For injection wells, test pressures must be at least 300 psig or average injection pressure, whichever is greater.
7. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
8. Do not use this form if submitting under provisions of Rule 326 a.(1) B. or C.
9. OGCC notification must be provided 10 days prior to the test via Form 42.
10. 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 ERICH ZWAAGSTRA
Name of Operator: NOBLE ENERGY INC.	No: (970) 371-7884
Address: 1625 Broadway STE 2200	Email: EZWAAGSTRA@NOBLEENERGYINC.COM
City: DENVER State: CO Zip: 80202	
API Number: 05-123-37246 Field Name:	Field Number:
Well Name: Vagilant State	Number: AC 16-01
Location (QtrQtr, Sec, Twp, Rng, Meridian):	

Complete the  
Attachment Checklist

Oper OGCC

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Other Report 1		
Other Report 2		

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Facility No.:

Part I. Pressure Test

☐ 5-Year UIC Test

☒ Test to Maintain SI/TA Status

☐ Reset Packer

☐ Verification of Repairs

☐ Tubing/Packer Leak

☐ Casing Leak

☐ Other (Describe):

Describe Repairs:

NA - Not Applicable	Wellbore Data at Time of Test		Casing Test <input type="checkbox"/> NA	
Injection/Producing Zone(s) Lyons	Perforated Interval: <input type="checkbox"/> NA 8659-8668	Open Hole Interval: <input type="checkbox"/> NA	Use when perforations or open hole is isolated by bridge plug or cement plug Bridge Plug or Cement Plug Depth 8600	
Tubing Casing/Annulus Test <input type="checkbox"/> NA				
Tubing Size: 2 7/8	Tubing Depth: 7953	Top Packer Depth:	Multiple Packers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Test Data				
Test Date 9-9-14	Well Status During Test	Date of Last Approved MIT	Casing Pressure Before Test 72	Initial Tubing Pressure
Starting Casing Test Pressure 533	Casing Pressure - 5 Min. 531	Casing Pressure - 10 Min. 530	Final Casing Pressure 530	Pressure Loss or Gain During Test -3
Test Witnessed by State Representative? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			OGCC Field Representative (Print Name): Bill Rains	

Part II. Wellbore Channel Test

Complete only if well is or will be an injection well.

Indicate method used for cement integrity test, attach appropriate records, charts, or logs unless previously submitted.

<input type="checkbox"/> Tracer Survey	<input type="checkbox"/> CBL or Equivalent	<input type="checkbox"/> Temperature Survey
Run Date:	Run Date:	Run Date:

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

Print Name: Pete Burns

Signed: [Signature]

Title: Co. Man

Date: 9/9/14

OGCC Approval: Bill Rains

Title: Field Inspector

Date: 9-9-14

Conditions of Approval, if any:

✓