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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 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 | Contact Name and Telephone ERICH ZWAAGSTRA | Oper | OGCC |
| Name of Operator: NOBLE ENERGY INC | No: (970) 304-5122 | Pressure Chart | |
| Address: 1001 NOBLE ENERGY WAY | Email: ERICH.ZWAAGSTRA@NBLENERGY.COM | Cement Bond Log | |
| City: HOUSTON State: TX Zip: 77070 | | Tracer Survey | |
| API Number: 05-123-23255 OGCC Facility ID Number: | | Temperature Survey | |
| Well/Facility Name: STATE Well/Facility Number: M36-05 | | | |
| Location QtrQtr: SWNW Section: 36 Township: 6N Range: 67W Meridian: 6 | | 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: _____

| | | | | |
|--|---|---|---|---|
| Wellbore Data at Time of Test | | | 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. | |
| Injection/Producing Zone(s) CODELL | Perforated Interval: CODELL 7031-7048 | Open Hole Interval: | Bridge Plug or Cement Plug Depth 6891' | |
| Tubing Casing/Annulus Test | | | | |
| Tubing Size: 2 3/8 | Tubing Depth: 2518' | Top Packer Depth: N/A | Multiple Packers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Test Data | | | | |
| Test Date 2/1/18 | Well Status During Test Shut in | Casing Pressure Before Test 1 | Initial Tubing Pressure 499 | Final Tubing Pressure 495 |
| Casing Pressure Start Test 499 | Casing Pressure - 5 Min. 497 | Casing Pressure - 10 Min. 496 | Casing Pressure Final Test 495 | Pressure Loss or Gain During Test 4 |
| Test Witnessed by State Representative? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | OGCC Field Representative (Print Name): _____ | |

5fc csg initial - 31 @ 5 min 31 @ 10 min 31 @ 15 min 30

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: _____

OGCC Approval: _____

Title: _____

Date: _____

Conditions of Approval, if any: