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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: 10112
Name of Operator: Foundation Energy Management
Address: 1801 Broadway Suite 1500
City: Denver State: Co Zip: 80202
API Number: 103-10433 OGCC Facility ID Number: 272001
Well/Facility Name: Columbine Sp. Feed Well/Facility Number: 3C-13-4-104
Location QtrQtr: SESW Section: 13 Township: 45 Range: 104W Meridian: 6

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

Test Type: SHUT-IN PRODUCTION WELL
Test to Maintain SI/TA status
Verification of Repairs
5- year UIC
Annual UIC Test
Reset Packer

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test
Injection/Producing Zone(s): Mesaverde Coal
Perforated Interval: 1348' - 1426'
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: CIBP@ 1275'

Tubing Casing/Annulus Test
Tubing Size: NA
Tubing Depth: NA
Top Packer Depth: NA
Multiple Packers?: No

Test Data
Test Date: 9/28/18
Well Status During Test: SI
Casing Pressure Before Test: 0
Initial Tubing Pressure: NA
Final Tubing Pressure: NA
Casing Pressure Start Test: 522
Casing Pressure - 5 Min.: 518
Casing Pressure - 10 Min.: 517
Casing Pressure Final Test: 515
Pressure Loss or Gain During Test: -7
Test Witnessed by State Representative? No
OGCC Field Representative (Print Name):

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

Print Name: Daniel Lapp
Signed: Daniel Lapp Title: Ops Foreman Date: 9/28/18
OGCC Approval: Title: Date:

Conditions of Approval, if any: