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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

Oper OGCC

Table with 2 columns: Attachment Name, Oper, OGCC. Rows include Pressure Chart, Cement Bond Log, Tracer Survey, Temperature Survey, Inspection Number.

OGCC Operator Number:
Name of Operator: Synergy Resources Corporation
Address: 5400 West 11th St. Suite C
City: Greeley State: CO Zip: 80634
Contact Name and Telephone: Jesus Garcia
No: 970 810-0339
Email: JGARCIA@SYNERGYRES.COM
API Number: 05-123-40067 OGCC Facility ID Number:
Well/Facility Name: Nieldeman Well/Facility Number: 22-5-4 CH2
Location Qtr: NNNE Section: 5 Township: SN Range: 60W Meridian: 6E

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

Wellbore Data at Time of Test
Injection/Producing Zone(s): N/A
Perforated Interval: N/A
Open Hole Interval: N/A

Tubing Casing/Annulus Test
Tubing Size: N/A
Tubing Depth: N/A
Top Packer Depth: N/A
Multiple Packers? Yes No

Test Data
Test Date: 9/23/16
Well Status During Test: NOT IN PRODUCTION
Casing Pressure Before Test: 0 PSI
Initial Tubing Pressure: N/A
Final Tubing Pressure: N/A
Casing Pressure Start Test: 354
Casing Pressure - 5 Min.: 352
Casing Pressure - 10 Min.: 351
Casing Pressure Final Test: 351
Pressure Loss or Gain During Test: 3 PSI

Test Witnessed by State Representative? Yes 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: Jesus Garcia
Signed: [Signature] Title: Wellbore Foreman Date: 9/23/16
OGCC Approval: Title: Date:

Conditions of Approval, if any: