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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

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 a at 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.

FOR OGCC USE ONLY

Document Number:

Date Received:

Complete the
Attachment Checklist

Oper OGCC

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number	68040	2009

OGCC Operator Number: 10598
Name of Operator: SandRidge Expl. & Prod., LLC
Address: 123 Robert S. Kerr Ave
City: Oklahoma City State: OK Zip: 73102
API Number: 05-057-06585 OGCC Facility ID Number: 447872
Well/Facility Name: Bighorn 0780 Well/Facility Number: 1-17
Location QtrQtr: NENW Section: 17 Township: 7N Range: 80W Meridian: 6

Contact Name and Telephone
Spence Laird

No: (405) 429-6518

Email: slaird@sandridgeenergy.com

☐ SHUT-IN PRODUCTION WELL

☒ INJECTION WELL

Last MIT Date: _____

Test Type:

☐ Test to Maintain SI/TA status
☐ Verification of Repairs

☒ 5-year UIC
☐ Annual UIC Test

☐ Reset Packer

Describe Repairs or Other Well Activities: _____

Initial MIT for new UIC Permit

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): ENTRADA
Perforated Interval: 8,610' - 8,740'
Open Hole Interval: N/A

Tubing Casing/Annulus Test

Tubing Size: 3-1/2" Tubing Depth: 8,587' Top Packer Depth: 8,572' Multiple Packers? ☐ Yes ☒ No

Test Data

Test Date: 9/27/17 Well Status During Test: Shut in Casing Pressure Before Test: 0 psi Initial Tubing Pressure: 170 psi Final Tubing Pressure: 170 psi
Casing Pressure Start Test: 2978 psi Casing Pressure - 5 Min.: 2969 Casing Pressure - 10 Min.: 2963 Casing Pressure Final Test: 2963 Pressure Loss or Gain During Test: -15 psi

Test Witnessed by State Representative?

☒ Yes ☐ No

OGCC Field Representative (Print Name):

Chad Browning

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

Print Name: KELLEN MCLOUGHLIN

Signed: Kellen McLoughlin Title: PRODUCTION SUPERINTENDENT Date: 09/27/2017

OGCC Approval: Chad Browning Title: NW Insp Date: 9/27/17

Conditions of Approval, if any: