

Inspection Photos  
Location Name: Rainbow 41-7  
API: 05-081-07271

FORM 21  
Rev 9/14

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State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 656-1495 Fax (303) 656-2199

MECHANICAL INTEGRITY TEST

1. Duration of the pressure test shall be a minimum of 15 minutes.  
2. An original pressure chart must accompany this report. If a spot test not witnessed by a COGCC representative, inspection wells must chart for full duration by an OGC representative.  
3. For production wells, test pressure must be at or above 100 psi.  
4. For injection wells, test pressure must be at or above 100 psi.  
5. A wellbore with an differential pressure at or above 100 psi or average injection pressure, whichever is greater.  
6. Do not use this form if drilling under pressure is at least 100 psi or 10 ft.  
7. COGCC notification must be provided 30 days prior to the test via Form 10.  
8. Failure or leakage of the well must be reported to the COGCC within 10 days of the test.

OSGCC Operator Number: 10386 Contact Name and Telephone  
Name of Operator: SWN Production Company, LLC Sydney Hansen  
Address: 10000 Energy Drive No. (832) 796-7874  
City: Spring State: TX Zip: 77386 Email: sydney\_hansen@swn.com  
API Number: 05-081-07271 COGCC Facility ID Number: 76299  
Well/Facility Name: Rainbow Location: 41-7  
Location QID: NEHE Section: 7 Township: 6N Range: 92W Meridian: 6E  
Test Type: ☒ SHUT-IN PRODUCTION WELL ☐ INJECTION WELL Last MIT Date: 10/20/14  
☐ Test to Maintain SI/TA status ☐ 5-year UIC ☐ Retest Packer  
☐ Verification of Repairs ☐ Annual UIC Test  
Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test

Injection/Producing Zone(s)	Perforated Interval	Open Hole Interval	Casing Test
			No other perforations or open hole is isolated by bridge plug or cement plug, etc. If cannot test only with plug back 100' depth.
			Bridge Plug or Cement Plug Depth: 2061'

Tubing Casing/Annulus Test

Tubing Size	Tubing Depth	Top Packer Depth	Multiple Packers?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Test Data

Test Date	Well Status During Test	Casing Pressure (PSI)	Injection Pressure (PSI)	Producing Pressure (PSI)
5/16/19	7A	460 psi	NA	NA
Casing Pressure (PSI)	Casing Pressure (PSI)	Casing Pressure (PSI)	Casing Pressure (PSI)	Producing Pressure (PSI)
460 psi	460 psi	460 psi	460 psi	0 psi

Test Witnessed by State Representative? ☒ Yes ☐ No  
OSGCC Field Representative (Print Name): Emily Walden

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

Print Name: Russ Swander  
Signed: Russ Swander Title: Field Inspector Date: 5-16-19  
OSGCC Approval: [Signature] Title: Field Inspector Date: 5/16/19  
Conditions of Approval: Inspection Document # 689802672

05.16.2019 12:07

Photo 1. Photo of test Form 21 as filled out and signed in the field.



**COLORADO**  
Oil & Gas Conservation  
Commission  
Department of Natural Resources

Inspection Number: 689802672