

Inspection Photos  
Location Name: Federal 43-20  
Location ID: 313204

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FORM 21  
Rev 0/14

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 Submitted:

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 pressure must be at least 500 psi.  
4. For injection wells, test pressure must be at least 500 psi or 200 psi above injection pressure, whichever is greater.  
5. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.  
6. Do not use this form if submitting under provisions of Rule 208 x (1) B. or C.  
7. OGCC notification must be provided 10 days prior to the test via Form 44.  
8. Packers or bridge plugs, etc. must be set within 100 feet of the perforated interval to be conducted a valid test.

OGCC Operator Number: 14015 Contact Name and Telephone: Emily Hurdle  
Name of Operator: Asphalt Energy LLC  
Address: 4005 Asa Street, Suite 200, Denver, CO 80202  
City: Denver State: CO Zip: 80202 Email: Emily.Hurdle@asphaltenergy.com  
API Number: 5-081-0191 OGCC Facility ID Number:  
Well/Facility Name: Federal Wellbore Number: AS-20  
Location City/County: Denver Township: 12N Range: 9E Meridian: 10W Last MIT Date:

☒ SHUT-IN PRODUCTION WELL ☐ INJECTION WELL ☐ Reset Parker

Test Type:  
☐ Test to Maintain S/TA Status ☐ 3 year UIC ☐ Annual UIC Test  
☐ Verification of Repairs

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test  
Interval/Perforation Depth: 7209-7170 Open Hole Interval:  
Casing Test  
UIC when perforations or open hole is submitted by  
bridge plug or cement plug, use of label-hole only with  
plug back 1000' depth.  
Bridge Plug or Cement Plug Depth:

Tubing Casing/Annulus Test  
Tubing Size: 2 3/8 Tubing Depth: 7099 Casing Depth: 7099 Multiple Packers? ☐ Yes ☒ No  
Test Data  
Test Date: 7-19-19 Well Shut Pumping Test: 52 Casing Pressure at Shut-in Time: 0 psi Initial Tubing Pressure: 0 psi Final Tubing Pressure: 0 psi  
Leakage Pressure - 1 min: 400 psi Leakage Pressure - 10 min: 400 psi Casing Pressure Final Test: 400 psi Pressure Time or 60 min During Test: 0 psi  
Test Witnessed by State Representative? ☐ Yes ☒ No OGCC Field Representative (Print Name): Emily Hurdle

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

Print Name: David Alan Roth Title: Consultant Date: 7-18-19  
Signed: David Alan Roth Title: Field Inspector Date: 7/18/19  
OGCC Approval: [Signature] Title: Field Inspector Date: 7/18/19  
Conditions of Approval, if any:  
Application Document number 649402469

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

