

FORM

21

Rev  
08/14

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Document Number:

401827887

Date Received:

11/06/2018

## 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 an 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. Written OGCC notification must be provided 10 days prior to the test via Form 42, Field Operations Notice
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

OP OGCC

OGCC Operator Number: 10373	Contact Name: JOE VARGO	Pressure Chart		
Name of Operator: NGL WATER SOLUTIONS DJ LLC	Phone: (303) 815-1010	Cement Bond Log		
Address: 3773 CHERRY CRK NORTH DR #1000		Tracer Survey		
City: DENVER State: CO Zip: 80209 Email: Joseph.Vargo@nglep.com		Temperature Survey		
API Number: 05-123-12448	OGCC Facility ID Number: 244653	Inspection Number		
Well/Facility Name: NGL	Well/Facility Number: C4			
Location QtrQtr: SWSE Section: 26 Township: 6N Range: 65W Meridian: 6				

☐ SHUT-IN PRODUCTION WELL☒ INJECTION WELL

Last MIT Date: 9/25/2013 12:00:00 AM

## 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:

The Permanent packer set at 8,421' started to leak and would not pass the MIT & would be too hard to remove and keep casing integrity allowing another packer to be set at the current depth or deeper. The decision was made to leave the old packer in place and set another permanent packer at 8,346' (75' above the old packer). COGCC's UIC Lead, Robert Koehler gave verbal okay on 10/20/2018 at 15:38 to Neel Duncan with IPT. This permanent packer was set on 11/1/2018 & passed the MIT 11/5/2018.

## Wellbore Data at Time of Test

Injection Producing Zone(s)	Perforated Interval	Open Hole Interval
LYNS	8720-8788	

## Tubing Casing/Annulus Test

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
2.875	8346	8346	<input type="checkbox"/>

## 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

## Test Data (Use -1 for a vacuum)

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
11-05-2018	SHUT -IN	0	0	0
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
2600	2600	2575	2575	-25

Test Witnessed by State Representative? ☒

OGCC Field Representative

Evins, Bret

## OPERATOR COMMENTS:

The Permanent packer set at 8,421' started to leak and would not pass the MIT & would be too hard to remove and keep casing integrity allowing another packer to be set at the current depth or deeper. The decision was made to leave the old packer in place and set another permanent packer at 8,346' (75' above the old packer). COGCC's UIC Lead, Robert Koehler gave verbal okay on 10/20/2018 at 15:38 to Neel Duncan with IPT. This permanent packer was set on 11/1/2018 & passed the MIT 11/5/2018.

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

Signed:

Print Name: Paul Gottlob

Title: Regulatory &amp; Engin. Tech.

Email: paul.gottlob@iptenergyservices.com

Date: 11/6/2018

Based on the information provided herein, this Notice (Form 21) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Daigle, Ryan

Date: 11/21/2018

**CONDITIONS OF APPROVAL, IF ANY:**

**Attachment Check List**

**Att Doc Num**

**Name**

401827887	FORM 21 SUBMITTED
401828001	PRESSURE CHART
401828028	FORM 21 ORIGINAL

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Packer not set within permissible distance from top perforations due to permanent packer; approved by the UIC Lead via Form 4#401825044. Chart is included and pressure remained within acceptable parameters.	11/21/2018
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Total: 1 comment(s)