

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:

401233167

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 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: 10580	Contact Name: Jeremiah Demuth	Pressure Chart		
Name of Operator: EXPEDITION WATER SOLUTIONS COLORADO LLC	Phone: (303) 290-9414	Cement Bond Log		
Address: 1023 39TH AVENUE SUITE E		Tracer Survey		
City: GREELEY State: CO Zip: 80634 Email: jdemuth@petrotek.com		Temperature Survey		
API Number: 05-123-44167	OGCC Facility ID Number: 449138	Inspection Number		
Well/Facility Name: EWS	Well/Facility Number: 4			
Location QtrQtr: NESE Section: 18 Township: 2N Range: 63W Meridian: 6				

☐ 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: This is the first MIT test for the EWS 4 well following its drilling and completion.**Wellbore Data at Time of Test**

Injection Producing Zone(s)	Perforated Interval	Open Hole Interval
DJINJ		8,548' - 10190'

Tubing Casing/Annulus Test

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
4.5	8,467	8,467	<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
03-14-2017	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	2600	2600	0

Test Witnessed by State Representative? ☒

OGCC Field Representative

Montoya, John

OPERATOR COMMENTS:

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

Signed:

Print Name: Jeremiah Demuth

Title: Engineering Technician

Email: jdemuth@petrotek.com

Date:

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

COGCC Approved:

Date:

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401233175	FORM 21 ORIGINAL
401237793	TEMPERATURE SURVEY

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)