

# State of Colorado Energy & Carbon Management Commission

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



Document Number:

404173927

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 ECMC 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 ECMC 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 ECMC

ECMC Operator Number: 10705	Contact Name: Tracy Dyke	Pressure Chart		
Name of Operator: EVERGREEN NATURAL RESOURCES LLC	Phone: (719) 846-7898	Cement Bond Log		
Address: 1875 LAWRENCE ST STE 1150		Tracer Survey		
City: DENVER State: CO Zip: 80202 Email: tracy.dyke@enrllc.com		Temperature Survey		
API Number: 05-071-09916	ECMC Facility ID Number: 434831	Inspection Number		
Well/Facility Name: San Pablo	Well/Facility Number: 11-4 WD			
Location QtrQtr: NWNW Section: 4 Township: 33S Range: 67W Meridian: 6				

☐ SHUT-IN PRODUCTION WELL☒ INJECTION WELL

Last MIT Date: 12/3/2019 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: Summary of squeeze jobs to address leaks between 5777' to 5836':

11/6/2025: Plug set at 6100'. Spot cement from 6045'. Establish circulation with 80 bbl water. Mix and pump 100 sacks of class G neat cement, 15.8 ppg, 1.15 cf/sack, 2% SR-1, 3% SFL-1, 3% SD-1. Displace with 31 bbl water, pull tubing to 5300 and reverse with 36 bbl water. Pressure held at 1700 psi for 2 hrs.

12/7/2024: Spot cement from 5961'. Mix and pump 100 sacks of micro fine cement, 15.8 ppg, yield 1.15. Displaced with 31 bbl water. Pulled 9 stands and reversed with 41 bbl. Pumped 1 bbl at 700 psi, pumped 18 bbl at 500 psi, and pumped another 18 bbl with no change in pressure. Re-squeezed with 50 sacks class A cement, 15.8 ppg, 1.18 yield. Displaced with 32 bbl water, pulled 18 stands and reversed with 40 bbl water. Pressure up to 100 psi and held pressure.

1/8/2025: Plug set at 6055. Spot cement from 6000 ft. Water ahead 3 bbl. Mix and pump 97 sacks micro fine cement, 11.5 ppg, 1.41 yield, 24.3 bbl cement. Displaced with 26 bbl water, pulled 14 stands and reverse with 60 bbl water. Pressure up to 800 psi with 2.4 bbl water. Pressure up to 900 psi with 0.1 bbl water. Held pressure.

3/13/2025: Plug set at 5925. Spot cement from 5891'. Water ahead 10 bbl. Mix and pump 80 sacks micro fine cement, 11.5 ppg, 1.41 yield, 20 bbl cement. Displaced with 30 bbl water, pulled 20 stands and reversed with 40 bbl water. Pressure up to 800 psi 6 times using 2 bbl, 0.3 bbl, 0.2 bbl, 0.3 bbl, 0.2 bbl, and 0.1 bbl of water respectively.

4/1/2025: Spot cement from 5900'. Water ahead 8 bbl. Mix and pump 120 sacks micro fine cement, 11.5 ppg, 1.41 yield, 30.1 bbl cement. Displaced with 26.5 bbl water. Pulled tubing to 4900' and reversed out with 38.5 bbl water. Pumped 1 bbl water and pressured up to 850 psi. Pressure up again to 850 with 0.1 bbl water. Pressure up to 950 psi with 0.1 bbl water. Pressure up to 960 three times with 0.1 bbl water each time. Held pressure.

All water used was recycled water.

**Wellbore Data at Time of Test**

Injection Producing Zone(s)	Perforated Interval	Open Hole Interval
DKENG	6170-6818	

**Tubing Casing/Annulus Test**

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?	<b>Casing Test</b>  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 <div></div>
3.5	6082	6011	<input type="checkbox"/>	

Test Data (Use -1 for a vacuum)				
Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
04-21-2025	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
423	420	419	416	-7
Test Witnessed by State Representative? <input checked="" type="checkbox"/> ECMC Field Representative Beardslee, Tom				

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: Tracy Dyke  
Title: Construction Technician Email: tracy.dyke@enrllc.com Date: \_\_\_\_\_

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

ECMC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST**

**ATTACHMENT LIST**

Att Doc Num	Name
404173971	FORM 21 ORIGINAL
404173977	PRESSURE CHART
404173986	PRESSURE CHART
404174906	OTHER

Total Attach: 4 Files

**General Comments**

User Group	Comment	Comment Date
Engineer	Witnessed Test. Pressures within 10% of initial test pressure during 15 minutes. Pressures stabilized within 3 psi within the last 5 minutes.  5-year UIC MIT late, due to casing leak repair. Leak discovered 10/21/2024 and reported to ECMC. Found leaking at 5846'. Re-squeezed 4/1/2025. MIT 4/21/2025. Updated to DKTA-ENRD Returned to draft, need details for the repair.	04/24/2025

Total: 1 comment(s)