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: 401032635

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. Injection well tests must be 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

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		

Inspection Number

OGCC Operator Number: 10322 Contact Name: Greg Francis

Name of Operator: EAST CHEYENNE GAS STORAGE LLC Phone: (303) 931-3435

Address: 10370 RICHMOND AVE SUITE 510

City: HOUSTON State: TX Zip: 77042 Email: gfrancis@mehllc.com

API Number : 05- 075-07131 OGCC Facility ID Number: 219764

Well/Facility Name: Jorritsma Well/Facility Number: 7

Location QtrQtr: SWNE Section: 12 Township: 11N Range: 53W 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: The Jorritsma No 7 well was formally a producing Dakota J Sand well until oil volumes could not sustain well operating costs. A CICR was set 81 feet above the Dakota J Sand perforations & interval was squeeze cemented with 100 sacks. East Cheyenne conducted a MIT after the squeeze of the Dakota J interval. A quartz crystal gauge with recorder was used to record pressures during the test. A chart & data are attached with the recored pressures.

Wellbore Data at Time of Test

Injection Producing Zone(s)	Perforated Interval	Open Hole Interval
	NP	

Tubing Casing/Annulus Test

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
			☐

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: 5308

Test Data (Use -1 for a vacuum)

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
04-18-2016	SHUT -IN	0		

Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain
309	308	307	306	-3

Test Witnessed by State Representative? ☐ OGCC Field Representative: Schure, Kym

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

Signed: Print Name: Greg Francis

Title: Project Geologist Email: gfrancis@mehllc.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

Att Doc Num	Name
401032681	OTHER
401032695	MECHANICAL INTEGRITY TEST
401032731	PRESSURE CHART
401032738	PRESSURE CHART

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)