

**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:**  
**403304942**  
**Date Received:**  
**01/27/2023**

**EARTHEN PIT REPORT / PERMIT**

This form is to be used for both reporting and permitting pits. Rule 908 describes when a Permit with prior approval, or a Report within 30 days is required for pits. Submit required attachments and forms.

Form Type: ☐ **PERMIT** ☒ **REPORT**

OGCC PIT NUMBER: 270529

NOTE: Operator to provide OGCC Pit Number only if available on an existing pit for pit report

OGCC Operator Number: <u>10705</u>	Contact Name: <u>Mackenzie Smith</u>
Name of Operator: <u>EVERGREEN NATURAL RESOURCES LLC</u>	
Address: <u>1875 LAWRENCE ST STE 1150</u>	Phone: <u>(303) 2848820</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>mackenzie.smith@enrllc.com</u>

**Pit Location Information**

Operator's Pit/Facility Name: <u>AURORA</u>	Operator's Pit/Facility Number: <u>21-12 ONSITE</u>
API Number (associated well): <u>05- 071 07757 00</u>	
OGCC Location ID (associated location): <u>265212</u>	Or Form 2A # <u></u>
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NENW-12-33S-67W-6</u>	
Latitude: <u>37.191983</u>	Longitude: <u>-104.842832</u> County: <u>LAS ANIMAS</u>

**Operation Information**

Construction Date: <u>08/23/2002</u>	Actual or Planned: <u>Actual</u>	Pit Type: <u>Unlined</u>
Per rule 405.c: Operators will provide the Commission written notice 2 business days in advance of a Pit liner installation at any facility.		
<b>Pit Use/Type (Check all that apply):</b>		
<input type="checkbox"/> <b>Drilling: (Ancillary, Completion, Flowback, Reserve Pits)</b>	<input type="checkbox"/> Oil-based Mud	<input type="checkbox"/> Salt Sections or High Chloride Mud
<input checked="" type="checkbox"/> <b>Production:</b>	<input type="checkbox"/> Skimming/Settling	<input type="checkbox"/> Produced Water Storage
<input type="checkbox"/> <b>Special Purpose:</b>	<input type="checkbox"/> Flare	<input type="checkbox"/> Blowdown
<input type="checkbox"/> <b>Multi-Well Pit:</b>	<input type="checkbox"/> Check if Rule 909.g.(1-4) applies.	<input type="checkbox"/> BS&W/Tank Bottoms
<input type="checkbox"/> <b>Cuttings Trench</b>		
<input type="checkbox"/> <b>Form 15 Exception Pit Submitted within 30 Days after Constructing (908.c):</b>	<input type="checkbox"/> Emergency	<input type="checkbox"/> Workover <input type="checkbox"/> Plugging
Method of treatment prior to discharge into pit: <u>Separator</u>		
Offsite disposal of <input type="checkbox"/> Injection; <input type="checkbox"/> Commercial; <input type="checkbox"/> Reuse/Recycle; <input type="checkbox"/> NPDES; Permit Number: <u></u>		
pit contents:		
Other Information:		
<p>This Form 15 pit report has been submitted to update the latitude and longitude, Operation Information and Conditions/Design &amp; Construction of the pit as specified in Rule 909.a.(2). This is not being submitted in compliance with any COA's, but rather as part of the Pit Reconciliation process for the Aurora 21-12 Well, and in response to Field Inspection Report Document #695107242. 909J Baseline samples were collected on the Aurora 21-12 well on April 11, 2022 and submitted to the COGCC in Doc#403010728. This production pit is a converted drilling/mud pit.</p>		

**Site Conditions**

Enter 5280 for distance greater than 1 mile.		
Distance (in feet) to the nearest surface water: <u>4703</u>	Ground Water (depth): <u>180</u>	Water Well: <u>1350</u>
Distance (in feet) to nearest Building Unit: <u>3938</u>		
Distance (in feet) to nearest Designated Outside Activity Area: <u>5280</u>		

**Pit Design and Construction**

Size of Pit (in feet): Length: 44 Width: 42 Depth: 6 Calculated Working Volume (in barrels): 1975  
Flow Rates (in bbl/day): Inflow: 4 Outflow: 0 Evaporation: 3 Percolation: 134  
Primary Liner. Type: NA Thickness (mil): 0  
Operational Lifespan, per manufacturer's specs (years): 0  
Seconday Liner (if present): Type: NA Thickness (mil): 0  
Operational Lifespan, per manufacturer's specs (years): 0  
Is Pit Fenced? No Is Pit Netted? No Leak Detection? No

**Pit Emissions**

Attach Pit Emission Calculations.

Estimated tons per year (tpy) of volatile organic compounds (VOCs): 0 (Round to nearest whole ton.)

Other Information:

Based on the 909J sample for the Aurora 21-12 well, results show there are no detectable levels of Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Total Petroleum Hydrocarbons (TPH), Arsenic, Radium, or Volatile Organic Compounds (VOCs) above the RBSL standards in the water. With no organic compounds in the produced water which is discharged into pit ID#270529, there is no potential for volatile organic compounds (VOCs) emissions.

Operator  
Comments:

**Certification**

Rule 909.e.(3): If an Operator allows oil or condensate (free product or sheen) to accumulate in a Pit, then the Director may revoke the Operator's Form 15 and require the Operator to close and remediate the Pit.

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

Signed: \_\_\_\_\_ Print Name: Mackenzie Smith  
Title: Production Engineer Email: mackenzie.smith@enrllc.com Date: 01/27/2023

**Approval**

Signed:  Title: Director of COGCC Date: 02/21/2023

## Best Management Practices

**No BMP/COA Type**

**Description**

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CONDITIONS OF APPROVAL:

**COA Type**

**Description**

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0 COA

## Attachment List

**Att Doc Num**

**Name**

403304942	PIT REPORT SUBMITTED
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Total Attach: 1 Files

## General Comments

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)