

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:

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

## Pit Location Information

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

## Operation Information

Construction Date: 08/23/2002 Actual or Planned: Actual Pit Type: Unlined  
Per rule 405.c: Operators will provide the Commission written notice 2 business days in advance of a Pit liner installation at any facility.

**Pit Use/Type (Check all that apply):**

☐ Drilling: (Ancillary, Completion, Flowback, Reserve Pits) ☐ Oil-based Mud ☐ Salt Sections or High Chloride Mud  
☒ Production: ☐ Skimming/Settling ☐ Produced Water Storage ☒ Percolation ☒ Evaporation  
☐ Special Purpose: ☐ Flare ☐ Blowdown ☐ BS&W/Tank Bottoms  
☐ Multi-Well Pit: ☐ Check if Rule 909.g.(1-4) applies.  
☐ Cuttings Trench  
☐ Form 15 Exception Pit Submitted within 30 Days after Constructing (908.c): ☐ Emergency ☐ Workover ☐ Plugging

Method of treatment prior to discharge into pit: Separator

Offsite disposal of pit contents: ☐ Injection; ☐ Commercial; ☐ Reuse/Recycle; ☐ NPDES; Permit Number:

Other Information: This Form 15 pit report has been submitted to update the latitude and longitude, Operation Information and Conditions/Design & 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.

## Site Conditions

Enter 5280 for distance greater than 1 mile.

Distance (in feet) to the nearest surface water: 4703 Ground Water (depth): 180 Water Well: 1350  
Distance (in feet) to nearest Building Unit: 3938  
Distance (in feet) to nearest Designated Outside Activity Area: 5280

**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

**Pit Emissions**

Estimated tons per year (tpy) of volatile organic compounds (VOCs): Attach Pit Emission Calculations. 0

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 (VOC's) 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: \_\_\_\_\_

**Approval**

Signed: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Best Management Practices**

No	BMP/COA Type	Description
CONDITIONS OF APPROVAL:		
COA Type	Description	
0 COA		

**Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
<input type="checkbox"/>	

Total Attach: 0 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
<input type="checkbox"/>		Stamp Upon Approval

Total: 0 comment(s)