

**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:**  
**403297397**  
**Date Received:**  
01/20/2023

**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: 119958

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: BASS Operator's Pit/Facility Number: 23-12 ONSITE  
API Number (associated well): 05- 071 06601 00  
OGCC Location ID (associated location): 217822 Or Form 2A #  
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW-12-34S-66W-6  
Latitude: 37.097080 Longitude: -104.731904 County: LAS ANIMAS

**Operation Information**

Construction Date: 03/01/1999 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 ☐ Injection; ☐ Commercial; ☐ Reuse/Recycle; ☐ NPDES; Permit Number:   
pit contents:

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) and to comply with COAs placed on Form 4 Document #403194637 . The Bass 23-12 well is not currently producing water, and therefore, information supplied is based off of producing operating conditions.

**Site Conditions**

Enter 5280 for distance greater than 1 mile.

Distance (in feet) to the nearest surface water: 526 Ground Water (depth): 10 Water Well: 5280  
Distance (in feet) to nearest Building Unit: 5280  
Distance (in feet) to nearest Designated Outside Activity Area: 5280

**Pit Design and Construction**

Size of Pit (in feet): Length: 35 Width: 21 Depth: 6 Calculated Working Volume (in barrels): 785  
Flow Rates (in bbl/day): Inflow: 25 Outflow: 0 Evaporation: 1 Percolation: 53  
Primary Liner. Type: NA Thickness (mil): 0  
Operational Lifespan, per manufacturer's specs (years): 0  
Secondary 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 wells surrounding the Bass 23-12, which are producing from the same CBM formations, results show there are no detectable Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), and Total Petroleum Hydrocarbons (TPH) constituents in the water. With no organic compounds in the produced water which may be discharged into pit ID#119958, 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: 01/20/2023

**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**

403297397	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)