

State of Colorado Energy & Carbon Management Commission

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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 [X] REPORT ECMC PIT NUMBER: 281443

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

ECMC Operator Number: 10705 Contact Name: Timothy Fernandez
Name of Operator: EVERGREEN NATURAL RESOURCES LLC
Address: 1775 SHERMAN ST. #2775 Phone: (719) 2204330
City: DENVER State: CO Zip: 80203 Email: Timothy.Fernandez@enrllc.com

Pit Location Information

Operator's Pit/Facility Name: HARRIER Operator's Pit/Facility Number: 44-33 ONSITE
API Number (associated well): 05- 071 08398 00
ECMC Location ID (associated location): 308649 Or Form 2A #
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE-33-32S-66W-6
Latitude: 37.208951 Longitude: -104.778617 County: LAS ANIMAS

Operation Information

Construction Date: 02/14/2005 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
[X] Production: [ ] Skimming/Settling [X] Produced Water Storage [X] Percolation [X] 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: [X] Injection; [ ] Commercial; [ ] Reuse/Recycle; [ ] NPDES; Permit Number:
Other Information:

Site Conditions

Enter 5280 for distance greater than 1 mile.
Distance (in feet) to the nearest surface water: 945 Ground Water (depth): 300 Water Well: 2426
Distance (in feet) to nearest Building Unit: 1469
Distance (in feet) to nearest Designated Outside Activity Area: 5280

Pit Design and Construction

Size of Pit (in feet): Length: 53 Width: 24 Depth: 6 Calculated Working Volume (in barrels): 1359  
 Flow Rates (in bbl/day): Inflow: 100 Outflow: 0 Evaporation: 2 Percolation: 92  
 Primary Liner. Type: None Thickness (mil): 0  
 Operational Lifespan, per manufacturer's specs (years): 0  
 Secondary Liner (if present): Type: None 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 wells surrounding the Harrier 44-33, 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#281443, there is no potential for volatile organic compounds (VOCs) emissions. Once producing and sampled for 909J constituents, a Form 15 Update will be filed if water quality data shows potential for VOC emissions.

Operator Comments: This Form 15 is being submitted in response to INSP#716301742 to update pit coordinates, conditions, design, and construction. Please note, distance to nearest domestic water well classified as "Constructed" is 2426 ft Receipt #0022624. However, the closest drilled domestic well is 1164 feet and classified as "Abandoned" Receipt #0022524.

**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: Timothy Fernandez  
 Title: Regulatory Supervisor Email: Timothy.Fernandez@enrllc.com Date: \_\_\_\_\_

**Approval**

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

**Operator Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>
1	Storm Water/Erosion Control	Pit is bermed to prevent stormwater runoff into the pit.
2	Material Handling and Spill Prevention	Pit chain is installed on site and inspected to prevent overfilling of pit.

Total: 2 comment(s)

**CONDITIONS OF APPROVAL, IF ANY LIST**

<b>COA Type</b>	<b>Description</b>
0 COA	

**ATTACHMENT LIST**

<b>Att Doc Num</b>	<b>Name</b>
404450795	OTHER

Total Attach: 1 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Environmental	Form returned to Draft, Operator(s) shall review and update data for, Distance (in feet) to the nearest surface water: water well.	02/24/2026

Total: 1 comment(s)