

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

403324197

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: 278928

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

OGCC Operator Number: 10705 Contact Name: Logan Smith Logan Smith  
Name of Operator: EVERGREEN NATURAL RESOURCES LLC  
Address: 1875 LAWRENCE ST STE 1150 Phone: (720) 4673042  
City: DENVER State: CO Zip: 80202 Email: Logan.Smith@enrllc.com

## Pit Location Information

Operator's Pit/Facility Name: CLIFFHANGER Operator's Pit/Facility Number: 21-28 ONSITE  
API Number (associated well): 05- 071 07907 00  
OGCC Location ID (associated location): 269288 Or Form 2A #  
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW-28-31S-65W-6  
Latitude: 37.322327 Longitude: -104.680626 County: LAS ANIMAS

## Operation Information

Construction Date: 07/10/2003 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) and to comply with COAs placed on Form 4 Document # 403195486. The Cliffhanger 21-28 well is not currently producing water, and therefore, information supplied is based off of producing operating conditions. 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: 766 Ground Water (depth): 150 Water Well: 3267

Distance (in feet) to nearest Building Unit: 3989

Distance (in feet) to nearest Designated Outside Activity Area: 5280

## Pit Design and Construction

Size of Pit (in feet): Length: 53 Width: 33 Depth: 6 Calculated Working Volume (in barrels): 1869

Flow Rates (in bbl/day): Inflow: 101 Outflow: 0 Evaporation: 3 Percolation: 127

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

#### **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 Cliffhanger 21-28, which are producing from the same CBM formations, 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 may be discharged into pit ID# 278928, 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: Logan Smith

Title: Production Tech Email: Logan.Smith@enrllc.com Date: \_\_\_\_\_

#### **Approval**

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

### **Best Management Practices**

<b><u>No BMP/COA Type</u></b>	<b><u>Description</u></b>
CONDITIONS OF APPROVAL:	
<b><u>COA Type</u></b>	<b><u>Description</u></b>
0 COA	

### **Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>

Total Attach: 0 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)