

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:
12/27/2022

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: 257206

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>Armadillo ONSITE</u>	Operator's Pit/Facility Number: <u>34-32</u>
API Number (associated well): <u>05- 071 06790 00</u>	
OGCC Location ID (associated location): <u>89210</u>	Or Form 2A # <u></u>
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWSE-32-34S-65W-6</u>	
Latitude: <u>37.034759</u> Longitude: <u>-104.691774</u>	County: <u>LAS ANIMAS</u>

Operation Information

Construction Date: <u>01/12/2000</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.		
Pit Use/Type (Check all that apply):		
<input type="checkbox"/> Drilling: (Ancillary, Completion, Flowback, Reserve Pits)	<input type="checkbox"/> Oil-based Mud	<input type="checkbox"/> Salt Sections or High Chloride Mud
<input checked="" type="checkbox"/> Production:	<input type="checkbox"/> Skimming/Settling	<input type="checkbox"/> Produced Water Storage
<input type="checkbox"/> Special Purpose:	<input type="checkbox"/> Flare	<input type="checkbox"/> Blowdown
<input type="checkbox"/> Multi-Well Pit:	<input type="checkbox"/> Check if Rule 909.g.(1-4) applies.	<input type="checkbox"/> BS&W/Tank Bottoms
<input type="checkbox"/> Cuttings Trench		
<input type="checkbox"/> Form 15 Exception Pit Submitted within 30 Days after Constructing (908.c):	<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 & Construction of the pit as specified in Rule 909.a.(2) and to comply with COAs placed on Form 4 Document #403193786. The Armadillo 34-32 well is not currently producing water, and therefore, information supplied is based off of producing operating conditions.</p>		

Site Conditions

Enter 5280 for distance greater than 1 mile.		
Distance (in feet) to the nearest surface water: <u>264</u>	Ground Water (depth): <u>25</u>	Water Well: <u>5280</u>
Distance (in feet) to nearest Building Unit: <u>2692</u>		
Distance (in feet) to nearest Designated Outside Activity Area: <u>5280</u>		

Pit Design and Construction

Size of Pit (in feet): Length: 89 Width: 54 Depth: 6 Calculated Working Volume (in barrels): 5136
Flow Rates (in bbl/day): Inflow: 10 Outflow: 0 Evaporation: 5 Percolation: 349
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 Armadillo 34-32, 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#257206, 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: 12/27/2022

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

403272028	PIT REPORT SUBMITTED
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Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Environmental	Form is being submitted only to update pit facility location and dimensions. Removed OGLA and management review tasks.	02/21/2023
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Total: 1 comment(s)