

State of Colorado Energy & Carbon Management Commission

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Document Number: 402867227 Date Received: 11/10/2021

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: 489327

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

ECMC Operator Number: 96850 Contact Name: Kaylee McIntosh
Name of Operator: TEP ROCKY MOUNTAIN LLC
Address: 1058 COUNTY ROAD 215 Phone: (970) 623-9452
City: PARACHUTE State: CO Zip: 81635 Email: kmcintosh@terraep.com

Pit Location Information

Operator's Pit/Facility Name: RGU 23-7-297 Drill Cuttings Trench Operator's Pit/Facility Number:
API Number (associated well): 05- 00
ECMC Location ID (associated location): 316408 Or Form 2A # 402402785
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): LOT 15-7-2S-97W-6
Latitude: 39.888469 Longitude: -108.328876 County: RIO BLANCO

Operation Information

Construction Date: 12/29/2020 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.
[X] 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: De-watering
Offsite disposal of pit contents: [] Injection; [] Commercial; [X] Reuse/Recycle; [] NPDES; Permit Number:
Other Information:
No off-site disposal of drill cuttings. Drill cuttings will be treated (mixing, blending, amending) to meet COGCC 915-1standards. Once 915-1 standards have been met, cuttings trench will be closed and reclaimed as described in Form 2A (attached).

Site Conditions

Enter 5280 for distance greater than 1 mile.
Distance (in feet) to the nearest surface water: 1339 Ground Water (depth): 100 Water Well: 5148
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: 167 Width: 90 Depth: 19 Calculated Working Volume (in barrels): 36067
Flow Rates (in bbl/day): Inflow: 271 Outflow: 0 Evaporation: 0 Percolation: 0
Primary Liner. Type: Earthen pit Thickness (mil): 0
Operational Lifespan, per manufacturer's specs (years): 1000
Secondary Liner (if present): Type: Earthen pit Thickness (mil): 0
Operational Lifespan, per manufacturer's specs (years): 1000
Is Pit Fenced? Yes Is Pit Netted? No Leak Detection? No

Pit Emissions

Attach Pit Emission Calculations.

Estimated tons per year (tpy) of volatile organic compounds (VOCs): 2 (Round to nearest whole ton.)

Other Information:

Air emissions from drill cuttings are considered to be "pre-production" phase and currently are not regulated by CDPHE.

Operator
Comments:

There will be no off-site disposal of drill cuttings trench contents. All drill cuttings will be treated to meet COGCC 915-1 clean up standards and will be disposed on site. In compliance with Rule 911.a, a Form 27 will be submitted to document final closure of the RGU 23-7-297 drill cuttings trench, and to convey sampling data that supports closure of the cuttings trench. Under the Pit Design and Construction Information section, the "Calculated Working Volume" of the cuttings trench has been converted from cubic yards (7500 cy) to barrels (~36,067 bbls). Similarly, the daily flow rate has been estimated / converted from cubic yards to barrels. Also, the "Operational Lifespan, per manufacturer's specs(years)" is a required value to complete this Form 15; however it is not applicable to an earthen pit where there are no primary or secondary liners. Therefore, a default value of 1000 years was used. The BMPs proposed for this location (and drill cuttings trench) are outlined in the approved Form 2A (doc# 402402785). See attached Form 2A.

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: Kaylee McIntosh
Title: Engineering Specialist Email: kmcintosh@terraep.com Date: 11/10/2021

Approval

Signed:  Title: Director of ECMC Date: 02/20/2025

Operator Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>

CONDITIONS OF APPROVAL, IF ANY LIST

<u>COA Type</u>	<u>Description</u>
	<p>Within 30-days of approval of this Pit Report comply with the following COA of the Water Share Agreement DOC #402619327:</p> <p>Within 6-months of completion of the Water Share, all temporary above ground conveyance lines, pumps, valves, and any other associated equipment and materials shall be removed and areas reclaimed. Operator shall submit a F27 for the decommissioning of all Oil and Gas Facilities related with the water share agreement.</p> <p>PLEASE NOTIFY JOHN HEIL WHEN SUBMITTED.</p>
	<p>Within 30-days of approval of this Pit Report comply with the following COA of the Water Share Agreement DOC #402619327:</p> <p>Termination of activities: both TEP and XTO shall notify the COGCC via sundry immediately upon termination of activities.</p> <p>PLEASE NOTIFY JOHN HEIL WHEN SUBMITTED.</p>
	<p>The operator will need to close out the cuttings trench with a Form 27. The operator will propose the number of discrete samples, the locations, and depth intervals for the confirmation samples. The depth intervals will be selected to provide sufficient coverage between 0 and 19 feet below the final top surface of the cuttings within the trench. Upon approval of the Form 27, TEP will collect the proposed samples and analyze them for the Table 915-1 constituents.</p>
3 COAs	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
402867227	PIT PERMIT SUBMITTED
402867288	OTHER
402867289	TOPOGRAPHIC MAP
402867291	OTHER
402867294	OTHER
402867295	SENSITIVE AREA DETERMINATION
402867977	DESIGN: PLAN AND CROSS SECTION
402867979	DETAILED SITE PLAN

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	RGU 23-7-297 Drill Cuttings Trench has been constructed, ECMC has changed this from Pit Permit to Pit Report.	02/20/2025
Total: 1 comment(s)		