

State of Colorado Oil and Gas Conservation Commission

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Document Number: 402859790 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: [X] PERMIT [] REPORT OGCC PIT NUMBER: _____

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

OGCC Operator Number: 96850 Contact Name: Michael Gardner
Name of Operator: TEP ROCKY MOUNTAIN LLC
Address: PO BOX 370 Phone: (970) 623-4875
City: PARACHUTE State: CO Zip: 81635 Email: mgardner@terraep.com

Pit Location Information

Operator's Pit/Facility Name: RU 31-17 Drill Cuttings Trench Operator's Pit/Facility Number:
API Number (associated well): 05- 00
OGCC Location ID (associated location): 452011 Or Form 2A #
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE-17-7S-93W-6
Latitude: 39.449865 Longitude: -107.795693 County: GARFIELD

Operation Information

Construction Date: 06/30/2021 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: The purpose of this drill cuttings trench is to receive drill cuttings from 9 new wells drilled from the Federal RU 31-17 well pad (COGCC Location ID 452011). The document number for the approved Form 2A for this location is 401058467, and the most recent Sundry Notice Form 4 is 402551372. Both documents are attached to this Form 15.

Site Conditions

Enter 5280 for distance greater than 1 mile.
Distance (in feet) to the nearest surface water: 946 Ground Water (depth): 88 Water Well: 4340
Distance (in feet) to nearest Building Unit: 5207
Distance (in feet) to nearest Designated Outside Activity Area: 5280

Pit Design and Construction

Size of Pit (in feet): Length: 223 Width: 82 Depth: 7 Calculated Working Volume (in barrels): 20823
 Flow Rates (in bbl/day): Inflow: 500 Outflow: _____ Evaporation: _____ Percolation: _____
 Primary Liner. Type: Earthen pit Thickness (mil): 0
 Operational Lifespan, per manufacturer's specs (years): 1000
 Secondary Liner (if present): Type: none Thickness (mil): 0
 Operational Lifespan, per manufacturer's specs (years): 1000

Pit Emissions

Estimated tons per year (tpy) of volatile organic compounds (VOCs): Attach Pit Emission Calculations. 2

Other Information: Air emissions from drill cuttings are considered to be "pre-production" phase, and are currently not regulated per 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 RU 31-17 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 (4,330 cy) to barrels (~20,823 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.

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: Michael Gardner
 Title: TEP ENV Email: mgardner@terraep.com Date: _____

Approval

Signed: _____ Title: _____ Date: _____

Best Management Practices

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

CONDITIONS OF APPROVAL:

<u>COA Type</u>	<u>Description</u>

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402859928	SENSITIVE AREA DETERMINATION
402859949	DESIGN: PLAN AND CROSS SECTION
402859950	OTHER
402859953	TOPOGRAPHIC MAP
402859964	DETAILED SITE PLAN

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)