

State of Colorado Oil and Gas Conservation Commission

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Document Number: 403206532 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: 1058 COUNTY ROAD 215 Phone: (970) 623-4875
City: PARACHUTE State: CO Zip: 81635 Email: mgardner@terraep.com

Pit Location Information

Operator's Pit/Facility Name: Fed 298-13-1 Drill Cuttings Trench Operator's Pit/Facility Number:
API Number (associated well): 05- 00
OGCC Location ID (associated location): 315513 Or Form 2A # 402932354
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE-13-2S-98W-6
Latitude: 39.872520 Longitude: -108.336840 County: RIO BLANCO

Operation Information

Construction Date: 10/01/2022 Actual or Planned: Planned 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, mixing/blending
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 16 new wells to be drilled at the Federal 298-13-1 well pad (COGCC location ID 315513, OGDID 482485). The document number for the approved form 2A is 402932354. Drill cuttings will be treated (through mixing, blending, amending as needed) to meet COGCC 915-1 cleanup standards. Once the COGCC 915-1 cleanup standards have been met, the cuttings trench will be closed and interim reclamation will be performed as outlined in BMPs/COAs #13 thru #15 of the Form 2A (attached).

Site Conditions

Enter 5280 for distance greater than 1 mile.
Distance (in feet) to the nearest surface water: 2711 Ground Water (depth): 101 Water Well: 5277
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: 211 Width: 135 Depth: 19 Calculated Working Volume (in barrels): 63460  
Flow Rates (in bbl/day): Inflow: 409 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 currently not regulated by CDPHE.

**Operator  
Comments:**

Please forward to John Heil.

There will be no off-site disposal of drill cuttings trench contents. All drill cuttings will be treated to meet COGCC 915-1 cleanup standards and will be disposed of on-site. In compliance with Rule 911.a, a Form 27 will be submitted to document final closure of the Federal 298-13-1 drill cuttings trench, and to convey sampling data that supports closure of the cuttings trench.

Under the Pit Design and Construction Information section, the total trench capacity (including 2' of freeboard) is ~63,460 bbls. The total trench volume is 15,190 cu. yds.. Similarly, the daily flow rate has been estimated / converted from cubic yards to barrels. This calculated volume assumes an approximate drill time of 155 days required to drill the 16 new wells; therefore, the average daily volume of drill cuttings is ~409 bbls per day. In addition, the "Operational Lifespan per manufacturer specs (years)" is a required value to complete/submit this Form 15; however, this specification is not applicable to an earthen pit where there are no primary or secondary liners. Therefore, a default value of 1,000 years was used.

Please see the approved Form 2A and the Final Director's Recommendation of Approval for re-development of the Federal 298-13-1 well pad (see attached).

Attached is a site diagram showing the location of the cuttings pit as well as a waste management plan, both of which were also included in the approved 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: Kris Rowe  
Title: TEP Environmental Email: krowe@terraep.com Date: \_\_\_\_\_

**Approval**

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

## 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**

403207132	CORRESPONDENCE
403207133	OTHER
403207134	SENSITIVE AREA DETERMINATION
403207135	DESIGN: PLAN AND CROSS SECTION
403329610	OTHER

Total Attach: 5 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)