

State of Colorado Oil and Gas Conservation Commission

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Document Number: 403385474 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: South Leverich 13-09 Cutting Trench Operator's Pit/Facility Number:
API Number (associated well): 05- 00
OGCC Location ID (associated location): 335045 Or Form 2A #
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NESE-13-7S-94W-6
Latitude: 39.435343 Longitude: -107.828970 County: GARFIELD

Operation Information

Construction Date: 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 21 new wells drilled on the South Leverich 13-09 well pad (COGCC Location ID 335045). The document number for the approved Form 2A for this location is 403064316, and the most recent Sundry Notice Form 4 is 403356629. 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: 640 Ground Water (depth): 90 Water Well: 1089
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: 424 Width: 50 Depth: 16 Calculated Working Volume (in barrels): 59584
 Flow Rates (in bbl/day): Inflow: 500 Outflow: _____ Evaporation: _____ Percolation: _____
 Primary Liner. Type: Earthen Trench Thickness (mil): 0
 Operational Lifespan, per manufacturer's specs (years): 1000
 Secondary Liner (if present): Type: none Thickness (mil): _____
 Operational Lifespan, per manufacturer's specs (years): 0

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:

All drill cuttings will be treated/amended onsite to meet COGCC 915-1 clean up standards and will be disposed on site. Any cuttings exceeding the volume of the cuttings trench will be hauled offsite to a permitted commercial disposal facility.

In compliance with Rule 911.a, a Form 27 will be submitted to document final closure of the South Leverich 13-09 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 (12,390 cy) to barrels (~59,584 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.

Refer to the attached documents for site diagrams with cross sections, waste management plan, aerial imagery maps, GarCO permit approval and sensitive area determination.

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

403446841	OTHER
403446842	AS BUILT: PLAN AND CROSS SECTION
403446843	TOPOGRAPHIC MAP
403446844	OPERATIONS PLAN
403446851	SENSITIVE AREA DETERMINATION
403446853	OTHER
403446854	OTHER
403446855	OTHER

Total Attach: 8 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)