

State of Colorado Energy & Carbon Management Commission

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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 ECMC PIT NUMBER: _____

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

ECMC 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: Michael.Gardner@flywheelenergy.com

Pit Location Information

Operator's Pit/Facility Name: Arco Deep 1-27 Operator's Pit/Facility Number:
API Number (associated well): 05- 00
ECMC Location ID (associated location): 322539 Or Form 2A #
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW-27-6S-97W-6
Latitude: 39.492991 Longitude: -108.207119 County: GARFIELD

Operation Information

Construction Date: 07/14/2025 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):
[X] Cuttings Trench
Method of treatment prior to discharge into pit: De-watered / Solidified
Offsite disposal of pit contents: [X] Reuse/Recycle; Permit Number:
Other Information:
No off-site disposal of drill cuttings anticipated at this time. Drill cuttings will be treated (mixing, blending, amending) to meet ECMC 915-1 standards. Once 915-1 standards have been met, cuttings trench will be closed and reclaimed as described in Form 2A (attached). In the event that off site disposal of drill cuttings is needed, they will be managed at the Starkey Gulch CWMF as outlined within the approved Form 28 (Facility ID 476647), or at an approved commercial disposal facility that is permitted and authorized to accept wastes associated with drilling.

Site Conditions

Enter 5280 for distance greater than 1 mile.

Distance (in feet) to the nearest surface water: 230 Ground Water (depth): 100 Water Well: 5280

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: 189 Width: 88 Depth: 19 Calculated Working Volume (in barrels): 56283

Flow Rates (in bbl/day): Inflow: 282 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

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 are not regulated by CDPHE.

Operator Comments:

Arco Deep 1-27 - Cuttings Trench

All drill cuttings will be treated/amended onsite to meet ECOM 915-1 clean up standards and will be disposed on site. Any cuttings exceeding the volume of the cuttings trench will be managed at the Starkey Gulch CWMF Cuttings Trench as outlined within the approved Form 28 (Facility ID 476647), or at an approved commercial disposal facility that is permitted and authorized to accept wastes associated with drilling.

In compliance with Rule 911.a, a Form 27 will be submitted to document final closure of the Arco Deep 1-27 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 (11,704 cy) to barrels (~56,283 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.

It is estimated that a total of 5,920 cy of raw (unmixed) drill cuttings will be generated, calculating to a total of 11,804 cy after mixed at a 1:1 ratio.

Refer to the attached documents for site diagrams with cross sections, waste management plan, aerial imagery maps 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

Email: Kris.Rowe@flywheelenergy.com

Date: _____

Approval

Signed: _____

Title: _____

Date: _____

Operator Best Management Practices

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

CONDITIONS OF APPROVAL, IF ANY LIST

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

0 COA

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404303060	DESIGN: PLAN AND CROSS SECTION
404303065	SENSITIVE AREA DETERMINATION
404303067	OTHER
404303069	AS BUILT: PLAN AND CROSS SECTION
404303071	OPERATIONS 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)