



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & GAS MANAGEMENT PROGRAM

DEP USE ONLY	
Auth # 1580466	APS # 1168713
Site # 890432	Facility # 894393
FIX Client # 85375	Sub-fac # 1486254

Request for Approval of Alternative Waste Management Practices

Please read instructions on back before completing this form.

Well Operator Curtis and Son Oil, Inc.		DEP ID 85375	Well Permit or Registration Number 123-49459	
Address P.O. Box 367		Well Farm Name Livezey		
City Sugar Grove	State PA	Zip Code 16350	Well # 18	Serial #
Phone 814-489-7858	Fax N/A	County Warren	Municipality Farmington Township	

INTENDED ALTERNATIVE PRACTICE *Check the appropriate box and complete the applicable section of the form.*

- ☐ For temporary containment of fluids and wastes generated during drilling, altering, or completing a well, complete Section A. PITS AND TANKS FOR TEMPORARY CONTAINMENT. See 25 Pa. Code § 78.56 for regulations.
- ☒ For disposal of drill cuttings from above the surface casing seat, complete Section B. ALTERNATE WASTE DISPOSAL PRACTICES. See 25 Pa. Code § 78.61 for regulations.
- ☒ For disposal of residual waste and drill cuttings from below the surface casing seat, complete Section B. ALTERNATE WASTE DISPOSAL PRACTICES. See 25 Pa. Code § 78.62 or § 78.63 for regulations.
- ☐ For onsite pretreatment systems being used to treat frac flowback fluid for reuse/recycling or transportation to a permitted treatment/disposal facility, complete Sections A and C. See 25 PA Code 78.56; 78.61; 78.62 & 78.63 for regulations.

A. PITS AND TANKS FOR TEMPORARY CONTAINMENT

Complete this section if requesting approval of an alternative practice for temporary containment of pollutonal substances and wastes from drilling, altering, or completing a well. See 25 Pa. Code § 78.56.

- a) Check the box below and fill in the dates the pit will be used if you are requesting a variance from the requirement that the bottom of the pit be at least 20 inches above the seasonal high groundwater table for a pit that exists only during dry times of the year and is located above groundwater. See 25 Pa. Code § 78.56(a)(4)(iii).
- ☐ Variance requested; dates to be used, from _____ to _____
- b) Check the box below if you are requesting approval of an alternative practice for temporary containment.
- ☐ Approval of an other alternative practice is requested. Describe the type of waste and the temporary containment method. Include information which will demonstrate that the proposed alternative practices will provide equivalent or superior protection to the practices identified in 25 Pa. Code § 78.56.



Due Date 9/30/2026
8/18/26 gmc

B. ALTERNATIVE WASTE DISPOSAL PRACTICES

Complete this section if requesting approval of an alternative practice to dispose of drill cuttings or residual wastes at the well site. Describe the type of waste, including any additives, and the proposed alternative practice. Include information that will demonstrate the proposed practice will provide protection equivalent or superior to the practices identified in 25 Pa. Code § 78.61, 78.62, or 78.63.

Curtis and Son Oil, Inc. is requesting DEP approval for disposal of uncontaminated drill cuttings into a structurally sound and unlined drill pit.

Before the drill cuttings enter the pit, fresh water will be injected into the blooie line, eliminating dust. The pit will be located more than 100' from a stream or wetland and 200' from an existing building or water supply.

An UNT lies +/- 650' northwest of the clearing limits, there aren't any wetlands or buildings within 300' of the project.

The attached site plan depicts well and pit location (depending upon soils, drainage and other conditions observed during construction) and any stream, wetland or building that may be within 250' of the well.

According to the Map Unit Description of Warren and Forest Counties, the soil at the well location is Venango silt loam (VeB).

Historical records indicate fresh water will be encountered at a depth of 150'.

A second pit will be used for fracing.

The pit will be backfilled, graded and seeded and mulched.

Ph and conductivity will be tested and reported according to regulations.

C. ONSITE PRETREATMENT OF DRILLING FLUIDS OR FRAC FLOWBACK FLUID

Complete this section if requesting approval of an onsite mobile pretreatment system for drilling fluids and/or frac flowback for recycling/reuse or transportation to a permitted treatment/disposal facility.

a) Check the appropriate box or boxes that best describe the planned treatment on site.

☐ Use of chemicals or technologies not part of the original permitted well site or in the PPC plan.

☐ Storage of drilling fluids or frac flowback for recycle/reuse.

☐ Transportation of drilling fluids or frac flowback for recycle/reuse.

☐ Disposal of the original waste stream and/or any new waste streams created through pretreatment at an approved permitted facility.

b) Provide a narrative description for all boxes checked above including pretreatment facility design and methodology (use additional pages if necessary)

c) Company/contractor for the onsite treatment facility including name, address, contact person and contact information.

d) Disposal location and permit number for all residual waste generated from the treatment process:

SIGNATURE OF APPLICANT

Signature of Applicant / Well Operator

Print or Type Signer's Name and Title
Jameson Curtis, Partner

Date

8-12-26

DEP USE ONLY		
☒ Approved ☐ Denied DEP Representative: Brian Ayers	Conditions: ☒ YES, see below or attached. ☐ NO	Date 09.15.26
Conditions: Please adhere to the attached special conditions.		

Instructions

Use this form to apply for approval of alternative waste management practices under 25 Pa. Code § 78.56, 78.61, 78.62, or 78.63.

Complete this form and submit it with all other necessary documentation. Label each attachment with applicant's name and the information item it refers to.

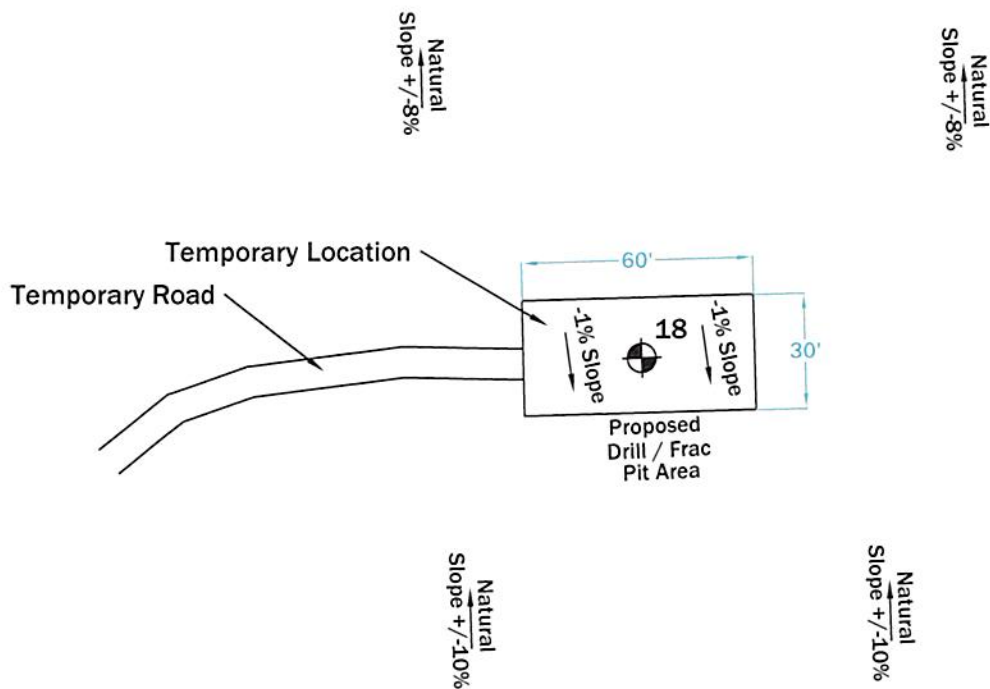
Send your application to the Oil and Gas Management Program at the appropriate DEP regional office:

PA DEP
Oil & Gas Management Program
Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335-3481
Phone: 814-332-6860
Fax: 814-332-6121

PA DEP
Oil & Gas Management Program
Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Phone: 412-442-4015
Fax: 412-442-4328

PA DEP
Oil & Gas Management Program
Northcentral Regional Office
208 West Third Street
Williamsport, PA 17701-6448
Phone: 570-321-6550
Fax: 570-327-3565

[illegible]



Note: After completion, temporary road and location will be returned to farm field.



A minimum of 100' must be maintained between pits and blue line streams.

Note: Diversion Channel must be plugged to prevent drill and frac fluids from leaving the site.

Note: Install energy dissipaters at the out fall of culverts where high flow may cause accelerated erosion.

Note: Use additional erosion and sediment control methods as described in the Erosion and Sediment Control Plan on an as needed basis.

Scale: Not to Scale

Date: 08/10/2026



105 Willoughby Avenue • Warren, PA 16365
(814)730-1822 • hampson@westpa.net

Well 18
on The Livezey Farm
Lands of
Heine and Pearson
Farmington Township, Warren County
Pennsylvania

Special Conditions:

AWM1

The Operator shall comply with the following:

1. Notify their local Oil and Gas Inspector three days prior to dusting.
2. Drill cuttings shall remain on the well site they are generated and shall not be dispersed off-site via air, surface water, or groundwater.
3. All isolation distances identified in 25 Pa. Code § §78.60 – 78.63 are applicable.
4. Drill cuttings may be disposed of in a pit, without contact with season high ground water.
5. Upon well completion, the pit shall be backfilled and graded to promote runoff. The stability of the backfilled pit shall be compatible with surrounding area and the pit area shall be revegetated to stabilize surface soil.
6. Land application may only occur on the cleared well pad area and the drill cuttings shall be spread and incorporated to a depth of at least 6 inches and revegetated to stabilize surface soil.
7. No land application shall occur if the ground is frozen or saturated.