



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

| DEP USE ONLY             |                             |
|--------------------------|-----------------------------|
| Auth #<br><b>1580489</b> | APS #<br><b>1168726</b>     |
| Site #<br><b>890439</b>  | Facility #<br><b>894399</b> |
| FIX Client #             | Sub-fac #<br><b>1486263</b> |

## Request for Approval of Alternative Waste Management Practices

*Please read instructions on back before completing this form.*

|                                           |             |                   |                                                        |          |
|-------------------------------------------|-------------|-------------------|--------------------------------------------------------|----------|
| Well Operator<br>Curtis and Son Oil, Inc. |             | DEP ID<br>85375   | Well Permit or Registration Number<br><b>123-49462</b> |          |
| Address<br>P.O. Box 367                   |             |                   | Well Farm Name<br>Mikula                               |          |
| City<br>Sugar Grove                       | State<br>PA | Zip Code<br>16350 | Well #<br>20                                           | Serial # |
| Phone<br>814-489-7858                     | Fax         | County<br>Warren  | Municipality<br>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 pollutional 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.



Tech Due Date 09/30/2026  
bgr 08/18/2026

**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 +600' north of the clearing limits, there aren't any wetlands and buildings within 400' 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                                                                                                                                                           |                                                                                                            |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------|
| <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied<br>DEP Representative: Brian Ayers                                                        | Conditions: <input checked="" type="checkbox"/> YES, see below or attached.<br><input type="checkbox"/> NO | Date<br>09.17.26 |
| Conditions:<br>Ensure that the drill pit is greater than 100 feet from the stream located to the north of the well<br>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



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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT

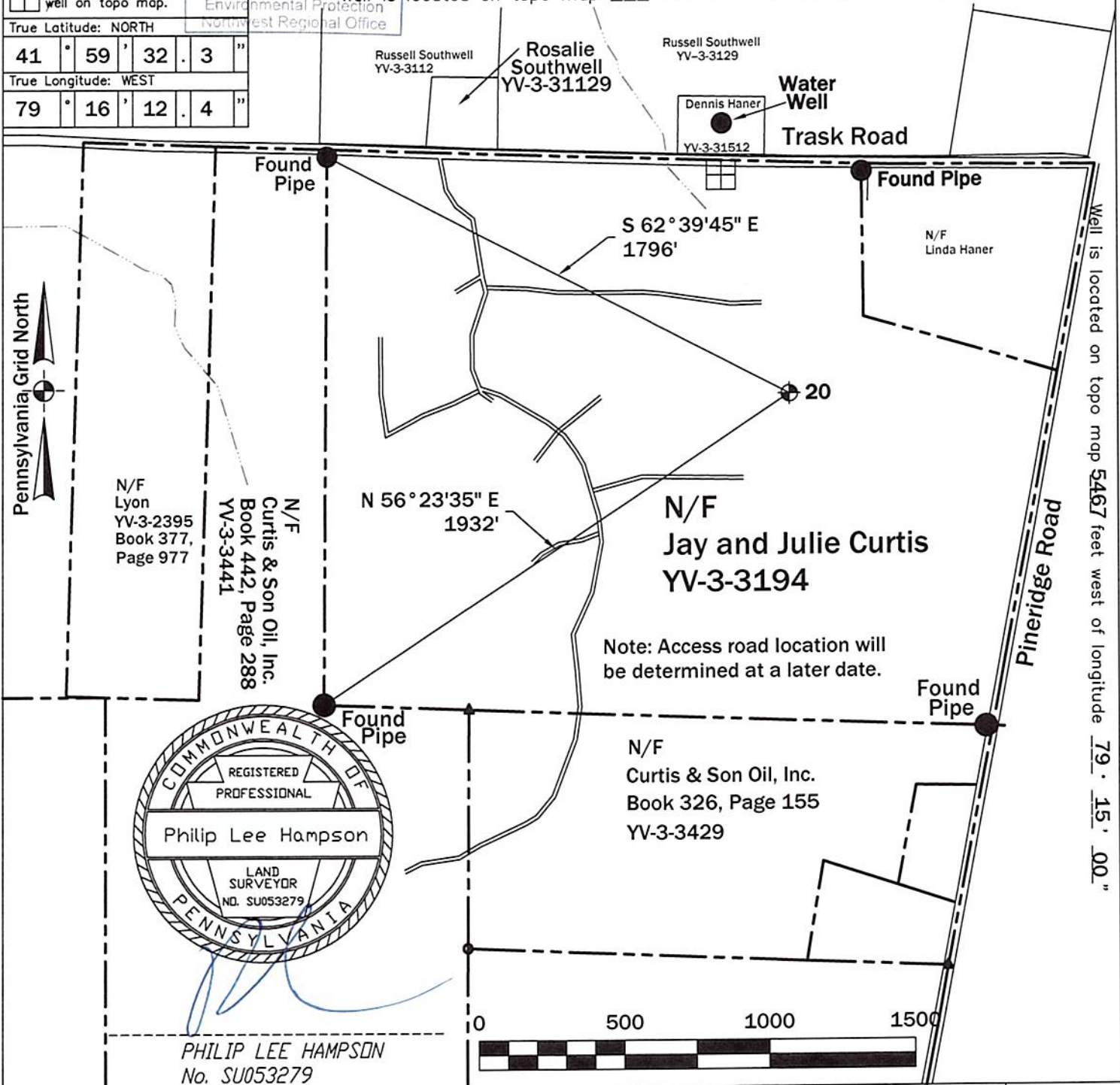
PAGE 1 Surface Location

|      |            |    |
|------|------------|----|
| DEP  | Auth ID #: | G: |
| USE  | Permit #:  | C: |
| ONLY | Project #: |    |

|                                       |           |
|---------------------------------------|-----------|
| Denotes location of well on topo map. |           |
| True Latitude: NORTH                  |           |
| 41                                    | 59' 32.3" |
| True Longitude: WEST                  |           |
| 79                                    | 16' 12.4" |

RECEIVED  
AUG 17 2026

Well is located on topo map 2803 feet south of latitude 42° 00' 00"

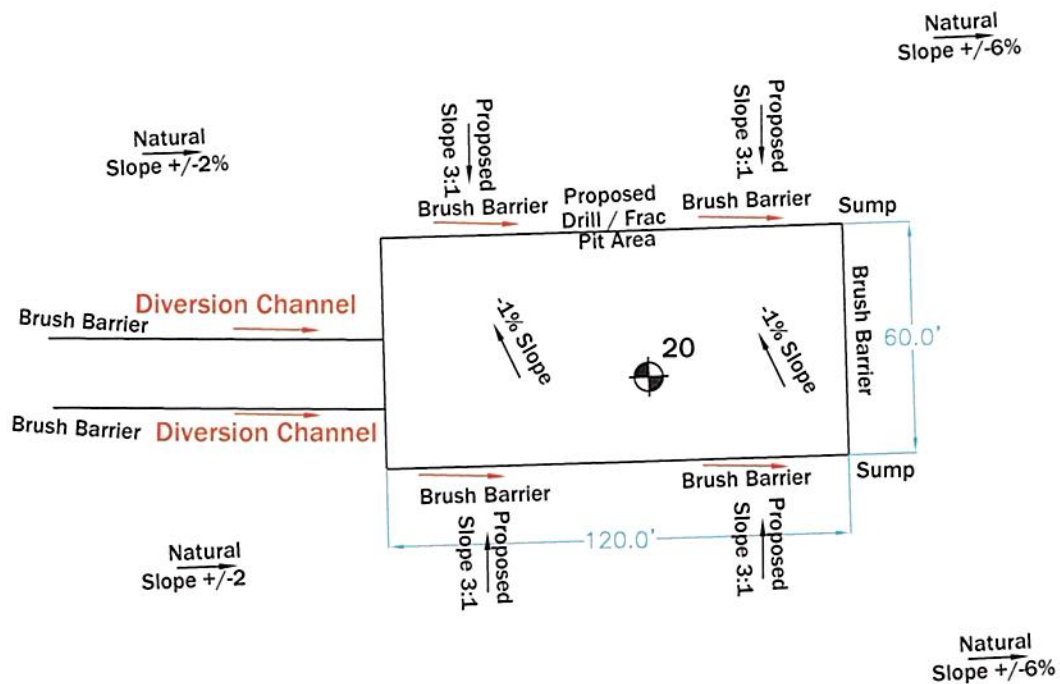


PHILIP LEE HAMPSON  
No. SU053279

|                                                                  |                                 |                                |                                                           |                                             |                                       |                               |
|------------------------------------------------------------------|---------------------------------|--------------------------------|-----------------------------------------------------------|---------------------------------------------|---------------------------------------|-------------------------------|
| Applicant/Well Operator Name:<br><b>Curtis and Son Oil, Inc.</b> |                                 | DEP ID #<br><b>85375</b>       | Well (Farm) Name:<br><b>Mikula</b>                        |                                             | Well #:<br><b>20</b>                  | Serial #:                     |
| Address:<br><b>P.O. Box 367, Sugar Grove, PA 16350</b>           |                                 |                                | County:<br><b>Warren</b>                                  | Municipality:<br><b>Farmington Township</b> | Well Type:<br><b>Oil</b>              |                               |
| 911 address of well site:<br><b>N/A</b>                          |                                 |                                | USGS 7½' Quadrangle Map Name:<br><b>Sugar Grove (311)</b> | Map Section:<br><b>3</b>                    | Surface Elevation:<br><b>1648</b> ft. |                               |
| Surveyor or Engineer:<br><b>Philip L. Hampson, PLS</b>           | Phone #:<br><b>814-730-1822</b> | Dwg #:<br><b>E:\Mikula 20</b>  | Date:<br><b>7/13/25</b>                                   | Scale:<br><b>1"=500'</b>                    | Tract Acreage:<br><b>+/- 99 Acres</b> |                               |
| Lat. & Long Metadata Method:<br><b>Direct GPS</b>                |                                 | Accuracy:<br><b>+/-15' ft.</b> | Datum:<br><b>NAD 83</b>                                   | Elevation Metadata Method:<br><b>Scaled</b> | Accuracy:<br><b>LIDAR</b> ft.         | Datum:<br><b>NGVD29</b>       |
|                                                                  |                                 |                                |                                                           |                                             |                                       | Survey Date:<br><b>7/8/26</b> |

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is **1-866-255-5158**.

[illegible]



60'X120'  
Location (Typ.)

10'X15" Drill / Frac  
Pit (Typ.)

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 20  
on The Mikula Farm  
Lands of  
*Jay and Julie Curtis*  
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.