



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

| DEP USE ONLY | |
|------------------------|----------------------|
| Auth # 1480670 | APS # 1111578 |
| Site # 871979 | Facility # 874798 |
| FIX Client # 300544 | Sub-fac # 1414025 |

Request for Approval of Alternative Waste Management Practices

Please read instructions on back before completing this form.

| | | | | |
|---|---------------------|-------------------|---|----------|
| Well Operator Cameron Energy Company | | DEP ID 300544 | Well Permit or Registration Number 123-48933 | |
| Address 507 Cherry Grove Road | | | Well Farm Name Cochran Lot 438 | |
| City Clarendon | State PA | Zip Code 16313 | Well # 438-28 | Serial # |
| Phone 814-968-3337 | Fax 814-968-3330 | County Warren | Municipality Sheffield 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 pollutational 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.

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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.

Cameron Energy Comany is requesting DEP approval for disposal of uncontaminated drill cuttings into a structurally sound and initially unlined drill pit (to be lined later).

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.

U.N.T. South Branch of the Tionesta Creek lies +/-1200' north east of the clearing limits, there aren't any wetlands and buildings within 400' of the project.

The attached site plans depict the proposed well and pit locations (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 Cavode silt loam (CdB).

Historical records indicate fresh water will be encountered at a depth of 450'.

Prior to fracing, a 20 mil liner will be installed in the pit on top of the drill cuttings to contain frac fluids.

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 | Date |
|---|---------------------------------------|---------|
|  | John Stewart, Vice President | 4/11/24 |

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|---|--|--------------------|
| <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied DEP Representative: <i>Dominic L. Van Tassell</i> | Conditions: <input checked="" type="checkbox"/> YES, see below or attached. <input type="checkbox"/> NO | Date 04/30/2024 |
| Conditions: Please see 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

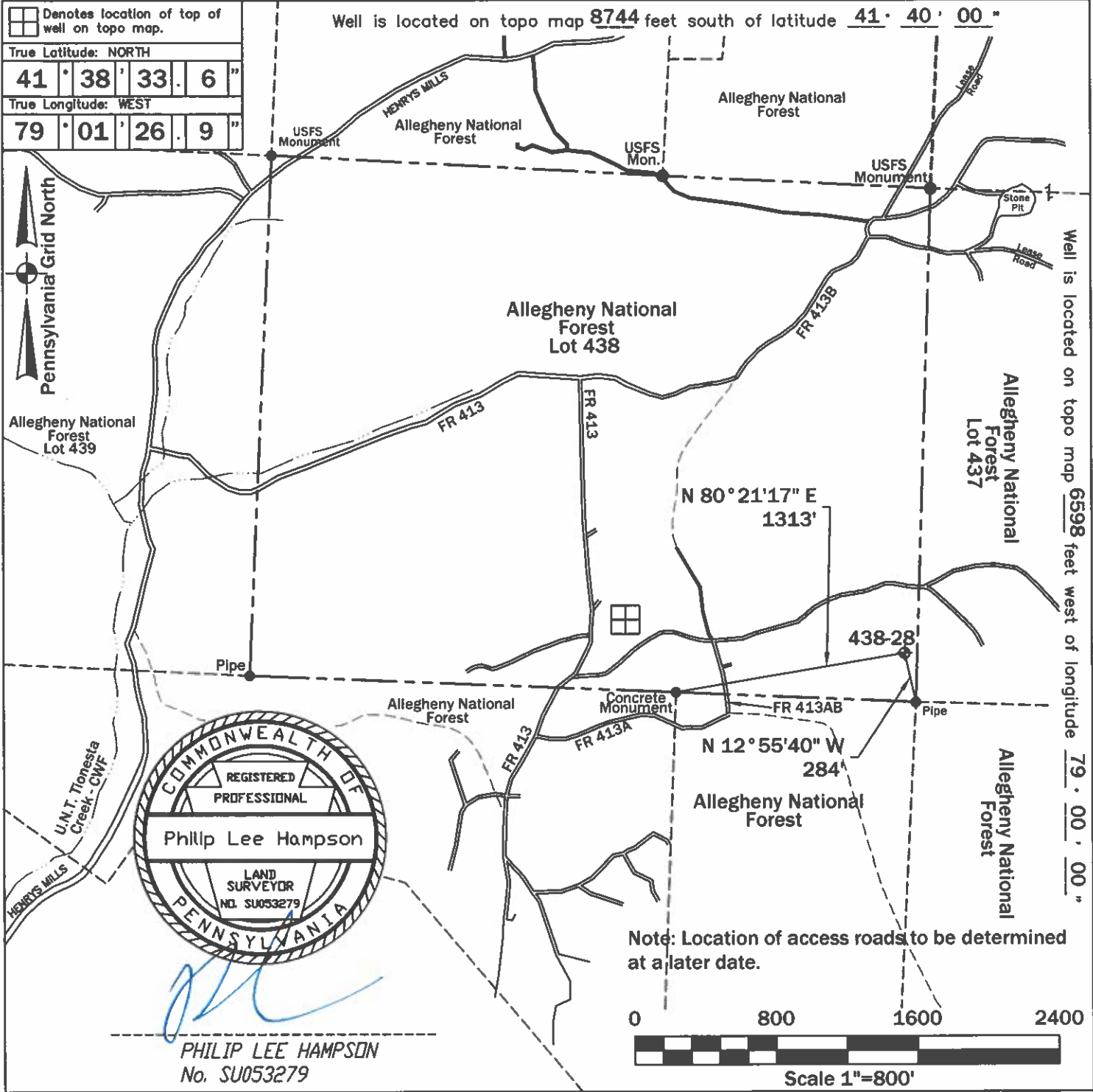


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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

| | | |
|------|--------------------|----|
| DEP | Auth ID # | G: |
| USE | Permit # 123-48933 | C: |
| ONLY | Project # | |

WELL LOCATION PLAT

PAGE 1 Surface Location



COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
Philip Lee Hampson
LAND SURVEYOR
NO. SU053279

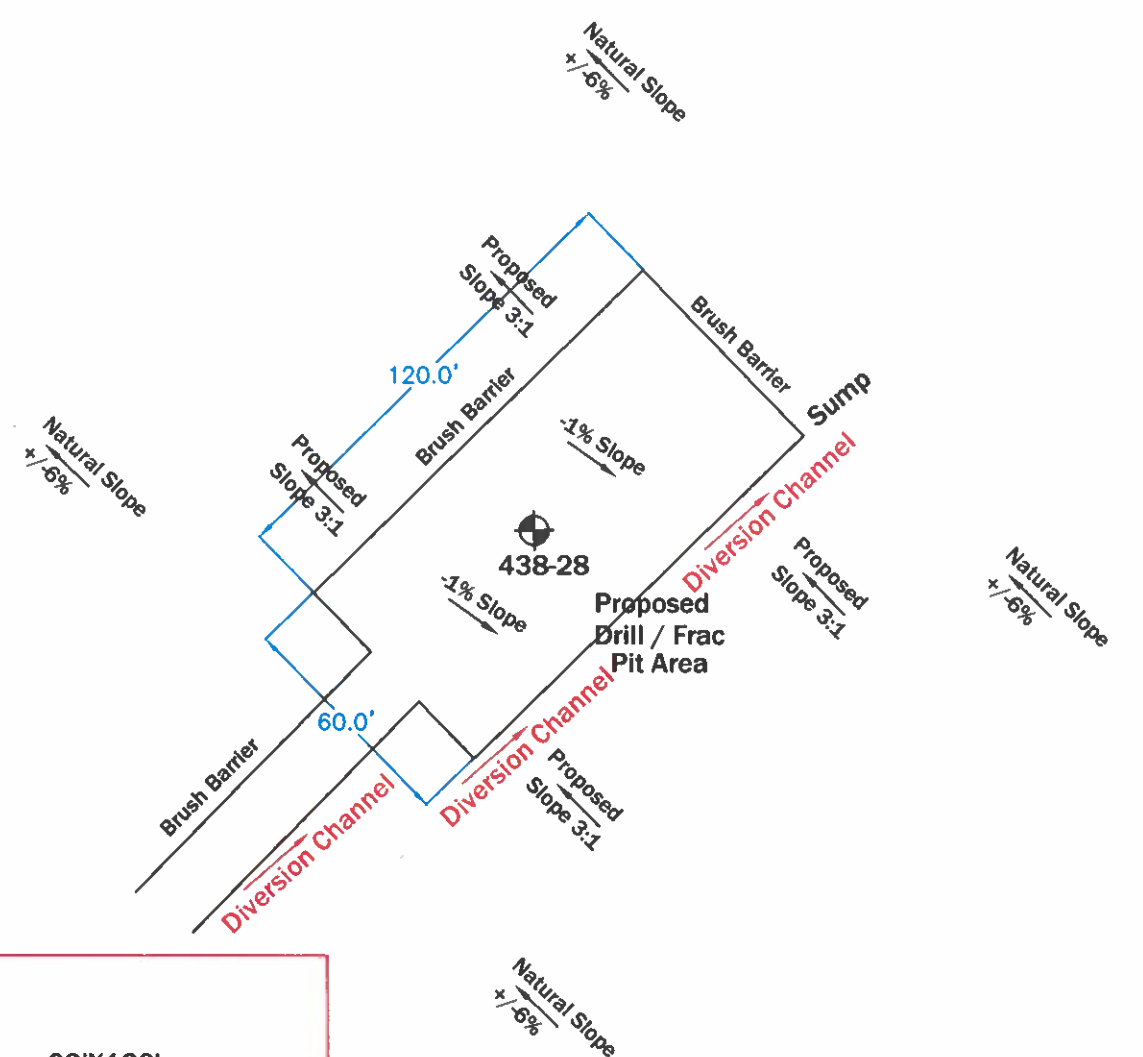
PHILIP LEE HAMPSON
No. SU053279

| | | | | | | |
|---|--------------------------|---------------------|--|-------------------------------------|--------------------------------|--------------------------|
| Applicant/Well Operator Name: Cameron Energy Company | | DEP ID # 300544 | Well (Farm) Name: Cochran Lot 438 | | Well # 438-28 | Serial # |
| Address: 507 Cherry Grove Road, Clarendon, PA 16313 | | | County: Warren - 62 | Municipality: Sheffield Township | Well Type: Oil | |
| 911 address of well site: N/A | | | USGS 7½' Quadrangle Map Name: Sheffield - 513 | Map Section: 9 | Surface Elevation: 1820 ft. | |
| Surveyor or Engineer: Philip L. Hampson | Phone #: 814-730-1822 | Dwg #: E: 438-28 | Date: 3/11/2024 | Scale: 1"=800' | Tract Acreage: +/-250 Acres | |
| Lat. & Long Metadata Method: Direct GPS | Accuracy: +/-15' ft. | Datum: NAD 83 | Elevation Metadata Method: Scaled LIDAR | Accuracy: ft. | Datum: NGVD29 | Survey Date: 3/8/2024 |

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60'X120'
Location (Typ.)



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

A minimum of 100' must be maintained
between pits and mapped 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 on an as needed basis.

Scale: Not to Scale

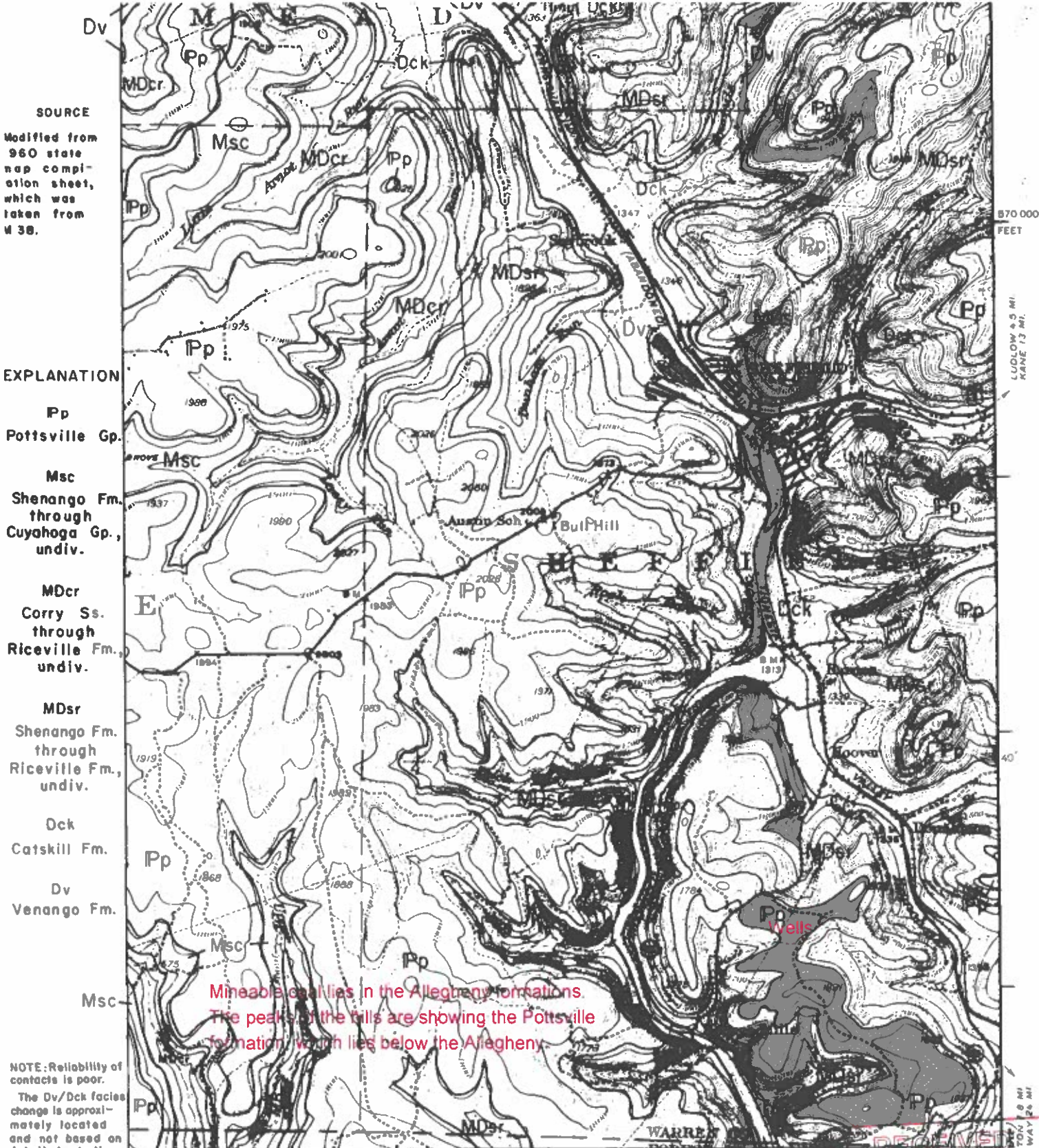
Date: 3/26/2024



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

Well 438-28
Cameron Energy Company
Cochran Lot 438
Allegheny National Forest
Sheffield Township, Warren County
Pennsylvania

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SOURCE
 Modified from
 960 state
 map compi-
 sion sheet,
 which was
 taken from
 M 38.

EXPLANATION

Pp
 Pottsville Gp.

Msc
 Shenango Fm.
 through
 Cuyahoga Gp.,
 undiv.

MDcr
 Corry Ss.
 through
 Riceville Fm.,
 undiv.

MDsr
 Shenango Fm.
 through
 Riceville Fm.,
 undiv.

Dck
 Catskill Fm.

Dv
 Venango Fm.

NOTE: Reliability of
 contacts is poor.
 The Dv/Dck facies
 change is approxi-
 mately located
 and not based on
 detailed studies.

REFERENCE
 Ingham, A. I., Lytle, W. S., Matteson,
 L. S., and Sherrill, R. E. (1956), *Oil
 and gas geology of the Sheffield
 quadrangle, Pennsylvania*, Pennsylv-
 ania Geological Survey, 4th ser.,
 Mineral Resource Report 38, 72 p.



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Compiled by W. E EDMUNDS 1977

SHEFFIELD 15' (NE)

AWMI (for “dusting” not land application)

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.