

From: [Hogue, Kate](#)
To: [Tyler Martin](#); [Marlene Kipp](#); [camelot1@atlanticbb.net](#); [katie@cameronenergycompany.com](#); [accounts@cameronenergycompany.com](#)
Cc: [Ayers, Brian](#)
Subject: Auth 1540560 123-49210, 123-49211, 123-49212, 123-49213, 123-49214
Date: Tuesday, October 7, 2025 3:05:00 PM
Attachments: [Auth 1540560 123-49210.pdf](#)
[123-49210 AWM denied 10.03.25.pdf](#)
[Auth 1540563 123-49211.pdf](#)
[123-49211 AWM approved 10.03.25.pdf](#)
[Auth 1540565 123-49212.pdf](#)
[123-49212 AWM approved 10.03.25.pdf](#)
[Auth 1540571 123-49213.pdf](#)
[123-49213 AWM approved 10.03.25.pdf](#)
[Auth 1540582 123-49214.pdf](#)
[123-49214 AWM denied 10.03.25.pdf](#)
[Well Permit Cover Letter \(conventional\) 1-12-23.pdf](#)

Operator,

The Department of Environmental Protection has completed the review of the applications corresponding to the attached permits.

The department hereby approves the permits to drill and operate the wells pursuant to applicable laws and regulations for this activity and to specific conditions of the individual permits.

The cover letter for these permits is also attached.

This information can also be viewed on our website, at the Oil and Gas Mapping tool:
<https://www.depgis.state.pa.us/PaOilAndGasMapping/>

Thanks,
Kate

Kate Hogue I Clerical Supervisor II
Department of Environmental Protection I Bureau of Oil and Gas Management
230 Chestnut Street I Meadville PA 16335
Phone: 814.332.6868
www.dep.pa.gov



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

WELL PERMIT

DEP USE ONLY	
Permittee's eFACTS ID 300544	Auth ID 1540560
Watershed Name CHERRY RUN	Quality HQ

Permittee CAMERON ENERGY CO.			OGO.# OGO-68490		Permit Number 37-123-49210-00-00			Date Issued 10/07/2025	
Address 507 CHERRY GROVE ROAD					Farm Name & Well Number LOT 434 SB 33				Well Serial #
					Municipality Sheffield Twp			County Warren	
CLARENDON, PA 16313					7½' Quadrangle Name Ludlow				Map Section # 7
Phone (814) 968-3337		Project #			Latitude 41-38-44.3000			Longitude -78-58-21.6000	
Surf Elev at Site 1584 feet		Anticipated Maximum TVD 2000 feet		Well Type OL	Offset distances referenced to NE corner of map section. South 7661 feet West 3917 feet				

This permit covering the well operator and well location shown above is evidence of permission granted to conduct activities in accordance with the Oil and Gas Act and the Oil and Gas Conservation Law, if the well is subject to that act and any rules and regulations promulgated thereunder, subject to the conditions contained herein and in accordance with the application submitted for this permit. This permit does not convey any property rights.

This permit and the permittee's authority to conduct the activities authorized by this permit are conditioned upon operator's compliance with applicable law and regulations.

Notification must be given to the district oil and gas inspector, the surface landowner and political subdivision of the date well drilling will begin at least 24 hours prior to commencement of drilling activities.

The permittee hereby authorizes and consents to allow, without delay, employees or agents of the Department to have access to and to inspect all areas upon presentation of appropriate credentials, without advance notice or a search warrant. This includes any property, facility, operation or activity governed by the Oil and Gas Act, the Oil and Gas Conservation Law, the Coal and Gas Resource Coordination Act and other statutes applicable to oil and gas activities administered by the Department. The authorization and consent shall include consent to the Department to collect samples of wastewaters or gases, to take photographs, to perform measurements, surveys, and other tests, to inspect any monitoring equipment, to inspect the methods of operation and disposal, and to inspect and copy documents required by the Department to be maintained. The authorization and consent includes consent to the Department to examine books, papers, and records pertinent to any matter under investigation pursuant to the Oil and Gas Act or pertinent to a determination of whether the operator is in compliance with the above referenced statutes. This condition in no way limits any other powers granted to the Department under the Oil and Gas Act and other statutes, rules and regulations applicable to these activities as administered by the Department.

This permit does not relieve the operator from the obligation to comply with the Clean Streams Law and all statutes, rules and regulations administered by the Department.

Special Permit Conditions:

1) This permit is conditioned upon the well operator obtaining all appropriate approvals, including local, municipal, and zoning approvals, and any revision or modification of those approvals.

2) Contact the Inspector at least 24 hours prior to commencing any frac/stimulation procedures.

3) U.S. Fish and Wildlife Service Avoidance Measure: The proposed project is located in the vicinity of northern long-eared bat summer occupancy habitat. To ensure take is not reasonably certain to occur, do not conduct tree removal from April 1 to September 30.

This permit expires **10/07/2026** unless drilling is commenced on or before that date and prosecuted with due diligence.

 Thomas Donohue 10/7/25
 Subsurface Permits Environmental Program Manager

ERIC WYMER

310 BEST AVE
 KNOX, PA 16232

814-573-3588

Oil & Gas Inspector

Address

Phone Number

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT



PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL

Notes Check # 23921 82000 (5 APPS) Awm NC PNDI 8/19/25	OGO #	68490	Objection Date - Do not issue before:	9/5/2025		API #s37-	123-49210	
	Client Id	300544	Date Approved:	SGP 9/24/25		and -	- - - - -	
	Bond #	13420	Special Cond.	FRAC/STIM 24; ZONING; BAT				
	C: 09/05/25-TRS G: BEH 9/18/25	Watershed Name: Designation: ☒ HQ ☐ EV CHERRY RUN						
	INV:							
APS # 1145178	Auth Id 1540560	Site Id 882790	PF Id 886495	SF Id 1455301				

Please read instructions before you begin filling in this form.

WELL INFORMATION

Well Operator Cameron Energy Company	DEP ID# 300544	Well API # 37- - - -	Well Farm Name Lot 434	Well # SB-33
Address 507 Cherry Grove Road	LAT 41°38' 44.30"	LONG 78°58' 21.60"	NAD 83	Project Number Serial #
City Clarendon	State PA	Zip 16313	Municipality Name/ City, Borough, Township Sheffield Township	County Warren
Phone 814-968-3337	Fax 814-968-3330	Email	USGS 7.5 min. quadrangle map Ludlow - 514	Section 7
☐ Check if this is a new address		24/7 Emergency Phone contact number 814-968-3337	911 address of well site (if available) N/A	
Freshwater Impoundment Name/ Identification N/A	Centralized Impoundment Name/ Identification N/A	Well Pad Name/Identification N/A	Borrow Area Name/Identification N/A	
Surface Elev 1584	Deepest Formation to be penetrated: Cooper	Anticipated TVD 2000	PERMIT TYPE Check applicable. Application is to: ☒ Drill a new permit ☐ Re-permit expired permit ☐ Deepen well ☐ Redrill wellbore ☐ Alter well ☐ Other (specify)	TYPE OF WELL Check applicable. ☐ Gas ☒ Oil ☐ Comb. (gas & oil/condensate) ☐ Injection, recovery ☐ Injection, disposal ☐ Coalbed Methane ☐ Gas Storage ☐ Other (specify)
Target Formation(s) proposed for production Cooper		Anticipated Target Top/Bottom TVD 1960 2000	APPLICATION FEE Check applicable. ☒ Conventional ☐ \$200 (Home Use Well) Total Application Fee \$ 400	
Number of wellbore laterals proposed under this application 0			Bond Agreement Id First Niagara L.O.C. 700166801012	
Total feet of wellbore to be drilled under this application 2000 Ft.				
If applying for a permit to rework an existing well not registered or permitted, check this box ☐ and enter date drilled, if known: (see instructions)				
PNDI Attached: ☒ Any threatened or endangered "hit" must include a copy of the clearance letter from the applicable agency(ies).				
Application submitted as: Coal well: ☐ Attach Coal Module CBM well ☐ Attach Coal Module Non coal well ☒ Attach justification. Please see the attached Map 11 or Map 61.			Configuration ☒ Vertical ☐ Horizontal ☐ Deviated ☐ Multiple laterals	



COORDINATION WITH REGULATIONS AND OTHER PERMITS

	Yes	No
1. Will the well be subject to the Oil and Gas Conservation Law? If "No," go to 2).	☐	☒
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?	☐	☐
b. Does the location fall within an area covered by a spacing order?	☐	☐
c. If the well will be multilateral, identify the wellbores on the sketch on page 3 of the plat that will be completed as conservation and non-conservation.		
2. Will the edge of the disturbed area of any portion of the well site of a conventional well be within 100 feet from the edge of any solid blue lined stream, spring or body of water identified on the most current 7½' topographic quadrangle map or wetland greater than one acre in size or in a wetland?	☐	☒
If yes, is a waiver request (form 5500-FM-OG0057) and site-specific E&S control plan attached?	☐	☐

3. Will the well penetrate or be within 2,000 feet of an active gas storage reservoir boundary? ☐ ☒
- a. If Yes, print the names of: Storage Field: Operator:
4. Is the proposed well location within the permitted area of a landfill? ☐ ☒
5. Will the well be drilled within 200 feet from any existing building or an existing water supply? ☐ ☒
- a. If "Yes," is written consent from the owner attached? ☐ ☐
- b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached? ☐ ☐
6. Will the well be located where it may impact a public resource as outlined in the "Coordination of a Well Location with Public Resources" form 5500-PM-OG0076? If yes, attach a completed copy of the form and clearance letters from applicable agencies. ☒ ☐
7. Will any portion of the well site be in a Special Protection High Quality ☒ (HQ) or Exceptional Value ☐ (EV) watershed? ☒ ☐
- Provide name of special protection stream Cherry Run - HQ-CWF.
- 7.1 Will the well be drilled using enhanced drilling or completion technologies into a formation that typically produces gas or petroleum? ☐ ☒
8. Is this well part of a development which requires an Earth Disturbance Permit for Oil and Gas Activities disturbing more than 5 acres? If yes, list the number of the ESCGP approval if the permit has been issued. ☐ ☒
- 8.1 Is the disturbed area of the well site between 1 to 5 acres and in a Special Protection Watershed ☐ ☒
9. Is waste, including drill cuttings, from the drilling of this well is to be disposed of on this well site? Yes ☒ No ☐
10. Will the well or well site be located within a defined 100 year floodplain or where the floodplain is undefined, within 100 feet of the top of the bank of a perennial stream or within 50 feet of the top of the bank of an intermittent stream. Yes ☐ No ☒
- a. If yes, is a waiver request attached that will protect the Waters of the Commonwealth? Yes ☐ No ☐
11. Is the well to be located within a H₂S area pursuant to §78.77a? Yes ☐ No ☒
12. Attach a current Ownership & Control form 8000-FM-OOGM0118.

Signature of Applicant

The person signing this form attests that they have the authority to submit this application on behalf of the applicant, and that the information, including all related submissions, is true and accurate to the best of their knowledge.

Signature of Person Authorized to Submit Application

(Print or Type)

Name of Signer: ARTHUR J. STEWARTJohnTitle: Vice President

Date

8/28/25

Application Preparer/Contact: PHILIP L. HAMPSON, PLS

Phone: 814-730-1822

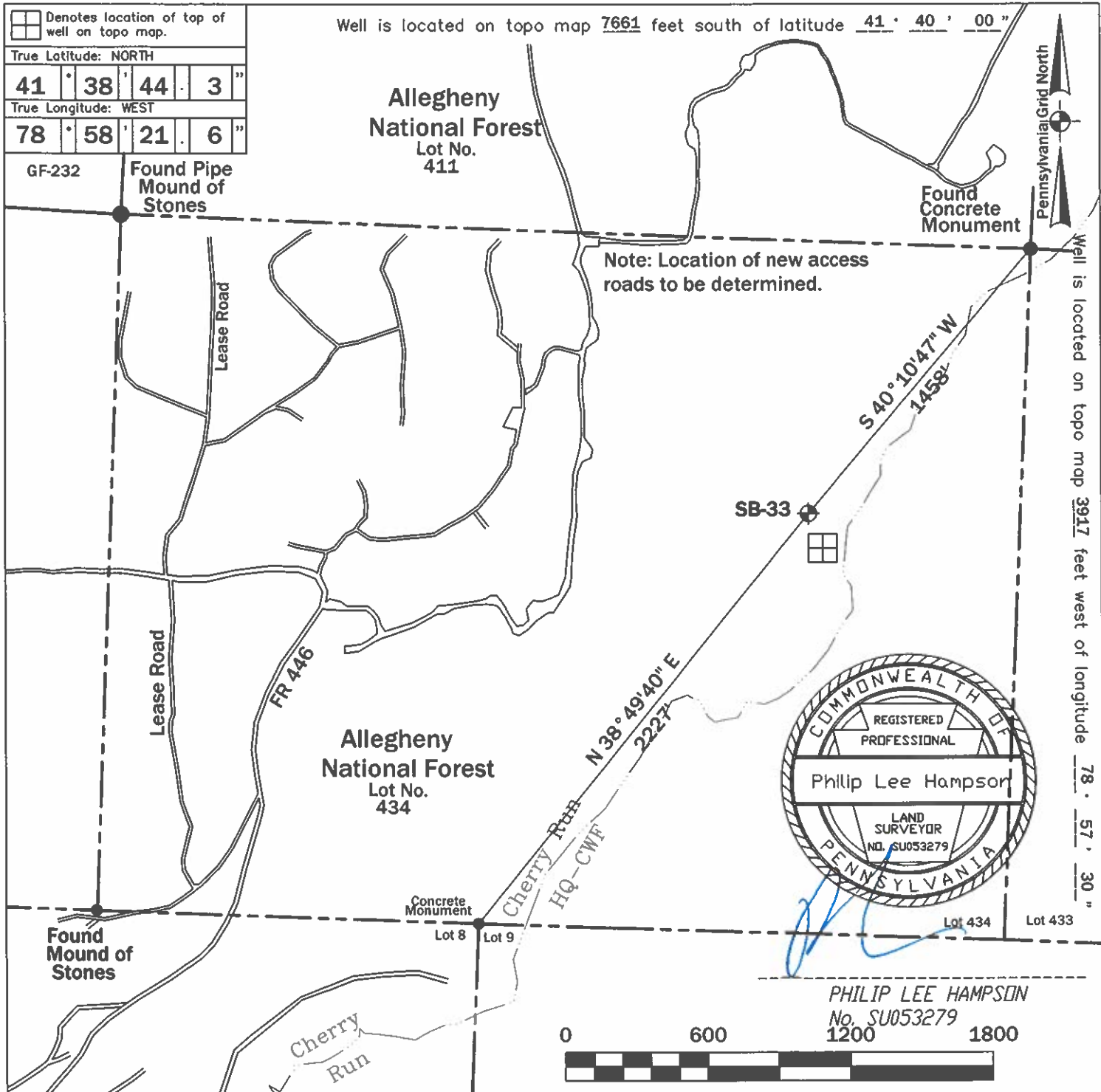


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Auth ID #:	9/18/25
USE	Permit #: 123-49210	G: BEH
ONLY	Project #:	C:



Applicant/Well Operator Name: Cameron Energy Company		DEP ID # 300544	Well (Farm) Name: Lot 434		Well #: SB-33	Serial #:
Address: 507 Cherry Grove Road, Clarendon, PA 16313			County: Warren County	Municipality: Sheffield Township	Well Type: Oil	
911 address of well site: N/A			USGS 7½' Quadrangle Map Name: Ludlow - 514	Map Section: 7	Surface Elevation: 1584 ft.	
Surveyor or Engineer: Philip L. Hampson, PLS	Phone #: 814-730-1822	Dwg #: E: SB-33	Date: 8/13/2025	Scale: 1"=600'	Tract Acreage: +/- 260 Acres	
Lat. & Long Metadata Method: Direct GPS		Accuracy: +/-15' ft.	Datum: NAD 83	Elevation Metadata Method: Scaled Lidar	Accuracy: ft.	Datum: NGVD 29
						Survey Date: 8/12/2025

Page 2 Notifications

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]



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

**PERMIT APPLICATION TO DRILL AND OPERATE
A CONVENTIONAL WELL
Record of Notification**

Farm Name - Well # Lot 434 / SB-33	
Applicant Name Cameron Energy Company	DEP ID# 300544
DEP USE ONLY	APS #

List the following: surface landowner; surface landowners and water purveyors with water supplies within 1000 feet; municipality where the well will be drilled; adjacent municipality; gas storage operator if within 2000 feet. Mark the boxes, "X," which show the parties' interests. Use additional forms if you need more space. You are required to notify each of these parties. Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification		Surface Landowner	Gas Storage Operator	Surface Landowners & Water Purveyors with water supplies <1000'	Municipalities	Notification Note the means and attach proof.			
						Certified Mail Dates		Address Affidavit	Written Consent
						Sent	Return Receipt		
Print Name: Allegheny National Forest Signature	Address: 4 Farm Colony Drive Warren, PA 16365	X				8/13/25	8/18/25		
Print Name: Sheffield Township Signature	Address: P.O. Box 784 Sheffield, PA 16347				X	8/13/25	8/18/25		
Print Name: Mead Township Signature	Address: 119 Mead Blvd. Clarendon, PA 16313				X	8/13/25	8/19/25		
Print Name: Hamilton Township Signature	Address: P.O. Box 23 Ludlow, PA 16333				X	8/13/25	8/21/25		
Print Name: Wetmore Township Signature	Address: 318 Spring Street Kane, PA 16735				X	8/13/25	8/18/25		

Record of Written Consent

Written Consent: Signature below indicates the party's approval of the well location, or indicates written consent and waives the 15-day objection period where applicable.
Check applicable box

Print and Sign Name:	Address:	Date:	Surface Owner	Water Well within 200 feet	Building within 200 feet
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

PERMIT APPLICATION TO DRILL AND OPERATE A CONVENTIONAL WELL Record of Notification

Farm Name - Well # Lot 434/ SB-33	
Applicant Name Cameron Energy Company	DEP ID# 300544
DEP USE ONLY	APS #

List the following: surface landowner; surface landowners and water purveyors with water supplies within 1000 feet; municipality where the well will be drilled; adjacent municipality; gas storage operator if within 2000 feet. Mark the boxes, "X," which show the parties' interests. Use additional forms if you need more space. You are required to notify each of these parties. Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification		Surface Landowner	Gas Storage Operator	Surface Landowners & Water Purveyors with water supplies <1000'	Municipalities	Notification Note the means and attach proof.			
						Certified Mail Dates		Address Affidavit	Written Consent
						Sent	Return Receipt		
Print Name: Highland Township Signature	Address: P.O. Box 505 James City, PA 16734				X	8/13/25	8/20/25		
Print Name: Howe Township Signature	Address: 7947 Route 666 Sheffield, PA 16374				X	8/13/25	8/19/25		
Print Name: Cherry Grove Township Signature	Address: 6039 Cherry Grove Road Clarendon, PA 16313				X	8/13/25	8/18/25		
Print Name: Signature	Address:								
Print Name: Signature	Address:								

Record of Written Consent

Written Consent: Signature below indicates the party's approval of the well location, or indicates written consent and waives the 15-day objection period where applicable.
Check applicable box

			Surface Owner	Water Well within 200 feet	Building within 200 feet
Print and Sign Name:	Address:	Date:	☐	☐	☐
Print and Sign Name:	Address:	Date:	☐	☐	☐
Print and Sign Name:	Address:	Date:	☐	☐	☐
Print and Sign Name:	Address:	Date:	☐	☐	☐
Print and Sign Name:	Address:	Date:	☐	☐	☐

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Sheffield Township
P.O. Box 784
Sheffield, PA 16347

2. Article Number (Transfer from carrier label)
9589 0710 5270 2101 7605 83

3. Service Type
☐ Adult Signature
☒ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

PS Form 3811, July 2020 PSN 7530-02-000-9053 **232**

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *Cara Schneider* ☒ Agent ☐ Addressee

B. Received by (Printed Name)
Cara Schneider

C. Date of Delivery
8/18/25

D. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☒ Agent ☐ Addressee

B. Received by (Printed Name)
8-19

C. Date of Delivery
8-19

D. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

3. Service Type
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 **232**

Domestic Return Receipt

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Allegheny National Forest
4 Farm Colony Drive
Warren, PA 16365

2. Article Number (Transfer from carrier label)
9589 0710 5270 1280 6488 66

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

PS Form 3811, July 2020 PSN 7530-02-000-9053 **232**

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)
[Signature]

C. Date of Delivery
03-18-25

D. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mead Township
119 Mead Blvd.
Clarendon, PA 16313

2. Article Number (Transfer from carrier label)
9589 0710 5270 2101 7605 76

PS Form 3811, July 2020 PSN 7530-02-000-9053 **232**

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)
03-18-25

C. Date of Delivery
03-18-25

D. Is delivery address different from item 1? ☐ Yes ☒ No
 If YES, enter delivery address below:

3. Service Type
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 **232**

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Wetmore Township
318 Spring Street
Kane, PA 16735



9590 9402 9216 4295 0362 49

2. Article Number (Transfer from service label)

9589 0710 5270 2101 7605 52

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent
☒ Addressee

B. Received by (Printed Name)

Jodi Brinkley

C. Date of Delivery

8/18/25

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☒ Yes
☐ No

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®

☐ Certified Mail Restricted Delivery
☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery
☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®
☐ Registered Mail™

☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

☐ Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hamilton Township
P.O. Box 23
Ludlow, PA 16333



9590 9402 9216 4295 0362 56

2. Article Number (Transfer from service label)

9589 0710 5270 2101 7605 69

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent
☒ Addressee

B. Received by (Printed Name)

Becky Davidson

C. Date of Delivery

8-21-25

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☒ Yes
☐ No

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®

☐ Certified Mail Restricted Delivery
☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery
☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®
☐ Registered Mail™

☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

☐ Restricted Delivery

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent
☒ Addressee

B. Received by (Printed Name)

Carrie Dempsey

C. Date of Delivery

8-20-25

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes
☒ No

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®

☐ Certified Mail Restricted Delivery
☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery
☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®
☐ Registered Mail™

☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

9590 9402 8819 4005 5855 28

2. Article Number (Transfer from service label)

9589 0710 5270 2101 7605 21

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Highland Township

P.O. Box 505

James City, PA 16734



9590 9402 8819 4005 5855 28

2. Article Number (Transfer from service label)

9589 0710 5270 2101 7605 21

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X <i>Beverly A Pollock</i> ☒ Agent ☐ Addressee B. Received by (Printed Name) <i>Beverly A Pollock</i> C. Date of Delivery <i>8-19-2025</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☒ No <i>7947 Rt 666</i>
1. Article Addressed to: Howe Township 7947 Route 666 Sheffield, PA 16347	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
 9590 9402 8819 4005 5855 42	2. Article Number (Transfer from service label) 9589 0710 5270 2101 7605 45 Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053 232	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X <i>[Signature]</i> ☒ Agent ☐ Addressee B. Received by (Printed Name) C. Date of Delivery <i>8/19 8/18</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☒ No
1. Article Addressed to: Cherry Grove Township 6039 Cherry Grove Road Clarendon, PA 16313	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
 9590 9402 8819 4005 5855 35	2. Article Number (Transfer from service label) 9589 0710 5270 2101 7605 38 Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053 232	

1. PROJECT INFORMATION

Project Name: **GF-232 Lot 434 & 411**

Date of Review: **8/19/2025 03:57:38 PM**

Project Category: **Energy Storage, Production, and Transfer, Energy Production (generation), Oil or Gas - new wells, expansion of well field**

Project Area: **64.84 acres**

County(s): **Warren**

Township/Municipality(s): **Sheffield Township**

ZIP Code:

Quadrangle Name(s): **LUDLOW**

Watersheds HUC 8: **Middle Allegheny-Tionesta**

Watersheds HUC 12: **South Branch Tionesta Creek-Tionesta Creek**

Decimal Degrees: **41.645855, -78.974227**

Degrees Minutes Seconds: **41° 38' 45.782" N, 78° 58' 27.2184" W**

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Conservation Measure	No Further Review Required, See Agency Comments
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	Potential Impact	MORE INFORMATION REQUIRED, See Agency Response

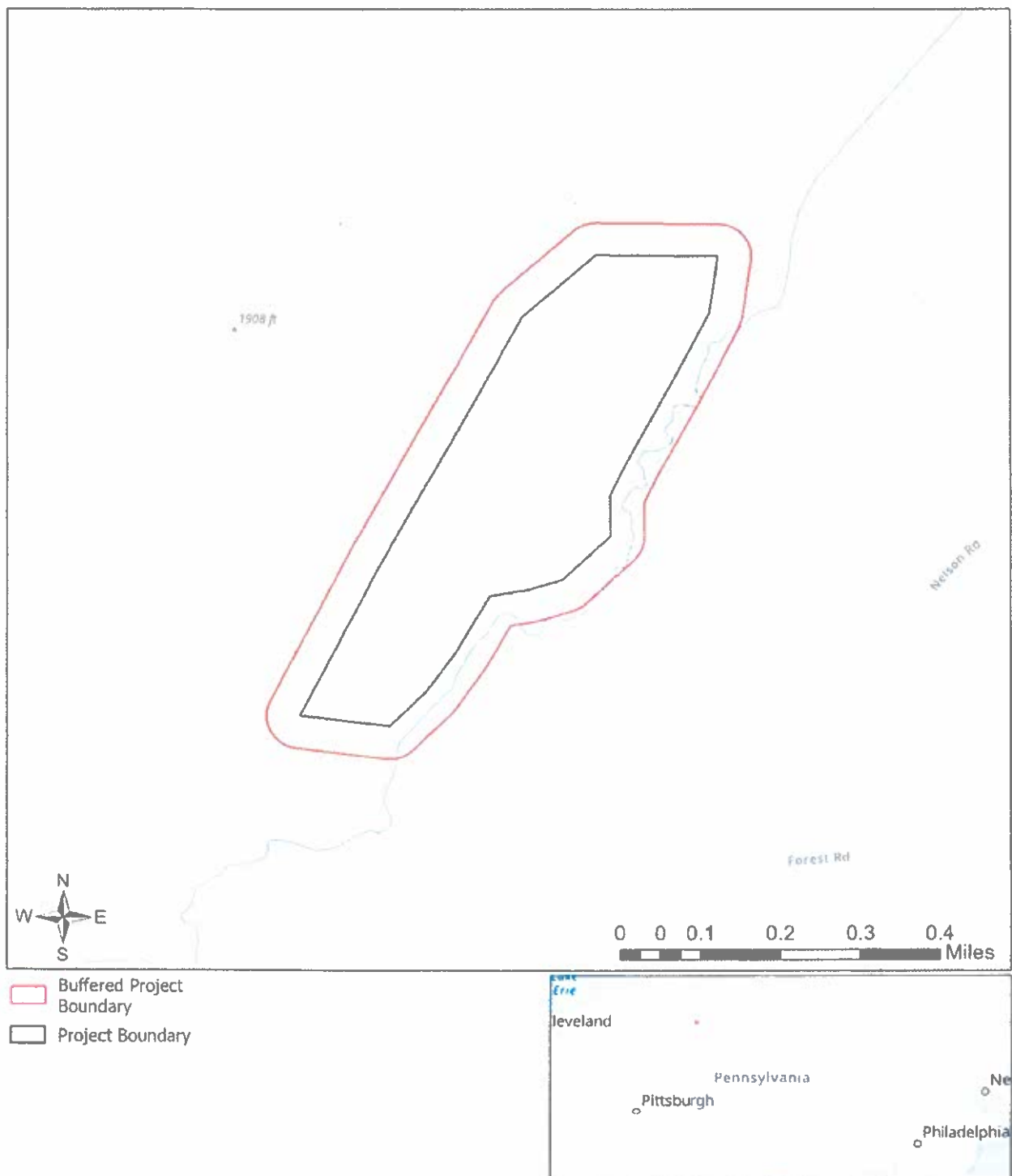
As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

GF-232 Lot 434 & 411



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

GF-232 Lot 434 & 411



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Gooddatastyrelsen, Rijkswaterstaat, GSA,

RESPONSE TO QUESTION(S) ASKED

Q1: Will the action include disturbance to trees such as tree cutting (or other means of knocking down, or bringing down trees, tree topping, or tree trimming), pesticide/herbicide application or prescribed fire?

Your answer is: Yes

Q2: Does the action area contain any caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, culverts, or tunnels that could provide habitat for hibernating bats?

Your answer is: No

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

Conservation Measure: Potential impacts to state and federally listed species which are under the jurisdiction of both the Pennsylvania Game Commission (PGC) and the U.S. Fish and Wildlife Service may occur as a result of this project. As a result, the PGC defers comments on potential impacts to federally listed species to the U.S. Fish and Wildlife Service. No further coordination with the Pennsylvania Game Commission is required at this time.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

Information Request: Your project is within the range of the federally listed northern long-eared bat. Enter project information into IPaC (<http://ecos.fws.gov/ipac/>). Follow the step-by-step process to review this project's potential effect on federally listed species. For step-by-step instructions, please see our Project Review Page (<https://www.fws.gov/office/pennsylvania-ecological-services/project-revi...>)

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must submit their project using [IPaC](#), following the [USFWS Project Submission](#) Instructions. USFWS will not accept or review project materials uploaded via the Conservation Explorer.

Check-list of Minimum Materials to be submitted:

____ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

____ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

____ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

____ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

____ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Tyler Q Martin
Company/Business Name: Cameron Energy Company
Address: 507 Cherry Grove Rd
City, State, Zip: Clarendon, PA 16313
Phone: (814) 948-3337 Fax: ()
Email: tylerqmartin@gmail.com

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.


applicant/project proponent signature

8-25-25
date



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 234-4090 Fax: (814) 234-0748



In Reply Refer To:
Project code: 2025-0140733
Project Name: GF-232 Lot 434 & 411 5 new Oil Wells

08/26/2025 15:08:32 UTC

Federal Nexus: no
Federal Action Agency (if applicable):

Subject: Technical assistance for 'GF-232 Lot 434 & 411 5 new Oil Wells'

Dear Tyler Martin:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on August 26, 2025, for 'GF-232 Lot 434 & 411 5 new Oil Wells' (here forward, Project). This project has been assigned Project Code 2025-0140733 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (Act) requirements may not be complete.**

Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (Dkey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid. Note that conservation measures for northern long-eared bat and tricolored bat may differ. If both bat species are present in the action area and the key suggests more conservative measures for one of the species for your project, the Project may need to apply the most conservative measures in order to avoid adverse effects. If unsure which conservation measures should be applied, please contact the appropriate Ecological Services Field Office***

Determination for the Northern Long-Eared Bat and Tricolored Bat

Based upon your IPaC submission and a standing analysis completed by the Service, your project has reached the following effect determination(s):

Species	Listing Status	Determination
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Endangered	NLAA

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Monarch Butterfly *Danaus plexippus* Proposed Threatened

You may coordinate with our Office to determine whether the Action may cause prohibited take of the animal species and/or critical habitat listed above. Note that if a new species is listed that may be affected by the identified action before it is complete, additional review is recommended to ensure compliance with the Endangered Species Act.

Next Steps

Coordination with the Service is complete. This letter serves as technical assistance. All conservation measures should be implemented as proposed. Thank you for considering federally listed species during your project planning.

If no changes occur with the Project or there are no updates on listed species, no further consultation/coordination for this project is required for the northern long-eared bat. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional coordination with the Service should take place before project implements any changes which are final or commits additional resources.

If you have any questions regarding this letter or need further assistance, please contact the Pennsylvania Ecological Services Field Office and reference Project Code 2025-0140733 associated with this Project.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

GF-232 Lot 434 & 411 5 new Oil Wells

2. Description

The following description was provided for the project 'GF-232 Lot 434 & 411 5 new Oil Wells':

Cameron Energy plans to permit and build 5 new oil wells on the property. The project will also plug 6 located orphan and abandoned wells. The entire project is in upland forest dominated by black cherry, red maple, black birch and beech trees. The entire project will impact 4.75 acres with roads and locations. The project was laid out with USFS staff. No wetlands will be impacted by this project.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.6458076,-78.97415200433743,14z>



DETERMINATION KEY RESULT

Based on the answers provided, the proposed Action is consistent with a determination of “may affect, but not likely to adversely affect” for a least one species covered by this determination key.

QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species?

Note: Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

No

3. Does the action area intersect Zone 1 of the year-round active area for northern long-eared bat and/or tricolored bat?

Automatically answered

No

4. Does the proposed action involve wind or solar energy?

No

5. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

Note for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

No

6. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

7. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

No

8. Does the action area contain (1) talus or (2) anthropogenic or naturally formed rock shelters or crevices in rocky outcrops, rock faces or cliffs?

No

9. Will the action cause effects to a bridge?

Note: Covered bridges should be considered as bridges in this question.

No

10. Will the action result in effects to a culvert or tunnel at any time of year?

No

11. Are trees present within 1000 feet of the action area?

Note: If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

12. Does the action include the intentional exclusion of bats from a building or building-like structure? **Note:** Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

No

13. Does the action involve removal, modification, or maintenance of a human-made building-like structure (barn, house, or other building) **known or suspected to contain roosting bats?**

No

14. Will the action cause construction of one or more new roads open to the public?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

15. Will the action include or cause any construction or other activity that is reasonably certain to increase average night-time traffic permanently or temporarily on one or more existing roads? **Note:** For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

16. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

17. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

Note: For information regarding NSF/ANSI 60 please visit <https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects>

No

18. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

No

19. Will the action include drilling or blasting?

Yes

20. Will the drilling or blasting produce noise or vibrations above existing background levels that will affect suitable summer habitat for northern long-eared bats and/or tricolored bats?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and/or tricolored bat, can be found in Appendix A in the USFWS' Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>

No

21. Will the action involve military training (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter or fixed wing aircraft use)?

No

22. Will the proposed action involve the use of herbicides or other pesticides other than herbicides (e.g., fungicides, insecticides, or rodenticides)?

No

23. Will the action include or cause activities that are reasonably certain to cause chronic or intense nighttime noise (above current levels of ambient noise in the area) in suitable summer habitat for the northern long-eared bat or tricolored bat during the active season?

Chronic noise is noise that is continuous or occurs repeatedly again and again for a long time. Sources of chronic or intense noise that could cause adverse effects to bats may include, but are not limited to: road traffic; trains; aircraft; industrial activities; gas compressor stations; loud music; crowds; oil and gas extraction; construction; and mining.

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

24. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable northern long-eared bat or tricolored bat roosting habitat?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

No

25. Will the action include tree cutting or other means of knocking down or bringing down trees, tree topping, or tree trimming?

Yes

26. Will the proposed action occur exclusively in an already established and currently maintained utility right-of-way?

No

27. Does the action include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property? See hazard tree note at the bottom of the key for text that will be added to response letters

Note: A "hazard tree" is a tree that is an immediate threat to lives, public health and safety, or improved property.

No

28. Does the project intersect with the 0- 9.9% forest density category?

Automatically answered

No

29. Does the project intersect with the 10.0- 19.9% forest density category map?

Automatically answered

No

30. Does the project intersect with the 20.0- 29.9% forest density category map?

Automatically answered

No

31. Does the project intersect with the 30.0- 100% forest density category map?

Automatically answered

Yes

32. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 100 acres in total extent?

No

33. Will the proposed action result in the use of prescribed fire?

Note: If the prescribed fire action includes other activities than application of fire (e.g., tree cutting, fire line preparation) please consider impacts from those activities within the previous representative questions in the key. This set of questions only considers impacts from flame and smoke.

No

34. Does the action area intersect the northern long-eared bat species list area?

Automatically answered

Yes

35. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

36. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

Automatically answered

No

37. [Semantic] Is the action area located within 150 feet of a documented northern long-eared bat roost site?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency. Have you contacted the appropriate agency to determine if your action is within 150 feet of any documented northern long-eared bat roosts?

Note: A document with links to Natural Heritage Inventory databases and other state-specific sources of information on the locations of northern long-eared bat roosts is available here. Location information for northern long-eared bat roosts is generally kept in state natural heritage inventory databases – the availability of this data varies by state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited.

Automatically answered

No

38. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities?

If unsure, answer "Yes."

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

39. Are any of the trees proposed for cutting or other means of knocking down, bringing down, topping, or trimming suitable for northern long-eared bat roosting (i.e., live trees and/or snags ≥ 3 inches dbh that have exfoliating bark, cracks, crevices, and/or cavities)?

Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

40. Will any tree cutting/trimming or other knocking or bringing down of trees occur during the **Summer Occupancy season** for northern long-eared bats in the action area? Note: Bat activity periods for your state can be found in Appendix 2 of the Service's [Northern long-eared Bat and Tricolored Bat Voluntary Environmental Review Process for Development Projects](#).

No

41. Do you have any documents that you want to include with this submission?

No

PROJECT QUESTIONNAIRE

Enter the extent of the action area (in acres) from which trees will be removed - round up to the nearest tenth of an acre. For this question, include the entire area where tree removal will take place, even if some live or dead trees will be left standing.

2.5

IPAC USER CONTACT INFORMATION

Agency: Private Entity

Name: Tyler Martin

Address: 507 Cherry Grove Road

City: Clarendon

State: PA

Zip: 16313

Email: tylerqmartin@gmail.com

Phone: 8149683337

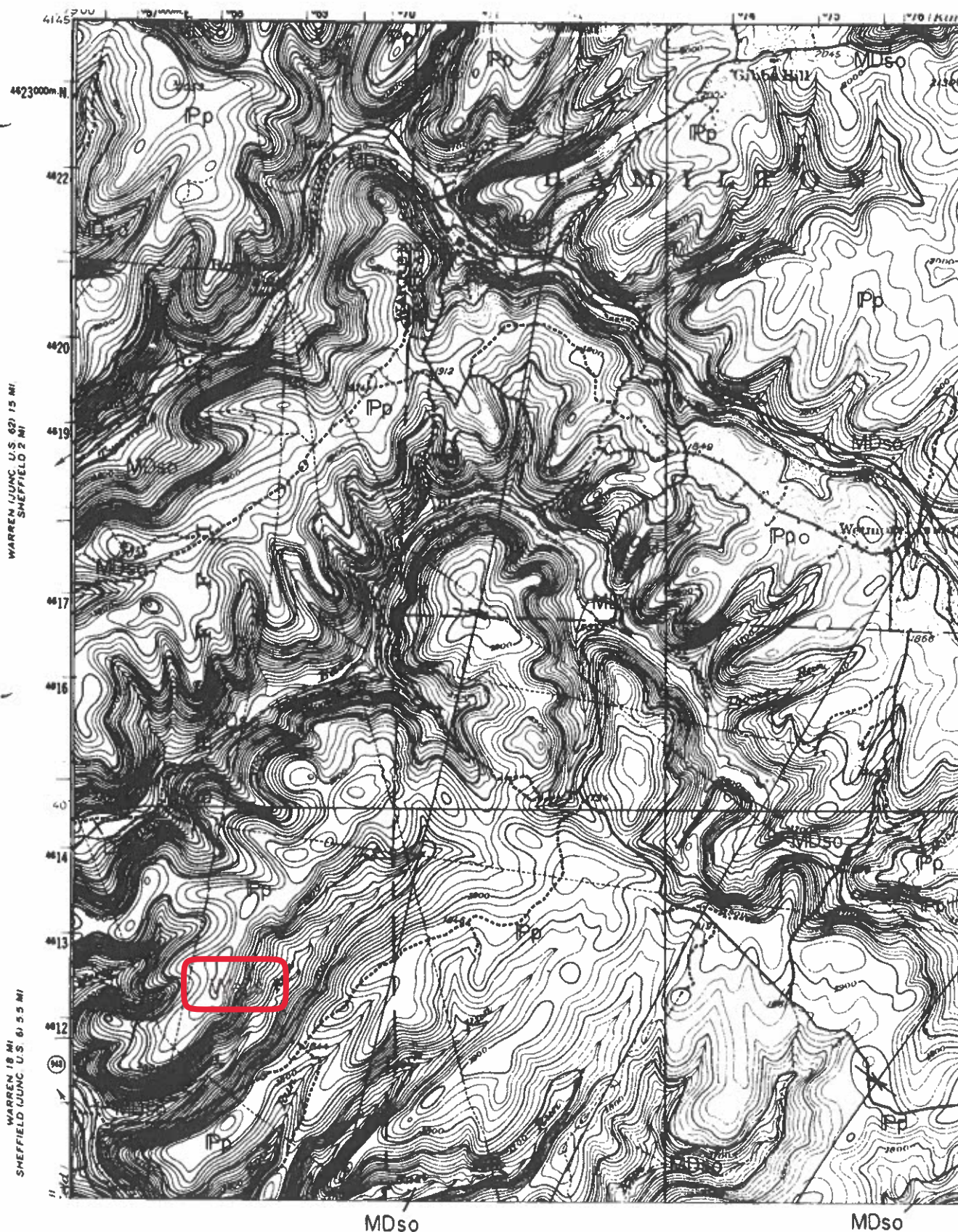


**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM**

DEP USE ONLY	
APS #	Site #
Permit #	Auth ID #

Coordination of a Well Location with Public Resources

Well Operator Cameron Energy Company		DEP ID# 300544	Well Farm Name and Number Lot 434		SB-33
Address 507 Cherry Grove Road			Project Number (if previously assigned)		
City Clarendon	State PA	Zip Code 16313	County Warren	Municipality Sheffield Township	
Phone 814-968-3337	Fax 814-968-3330	Latitude N 41 ° 38 ' 44.3 "		Longitude W 78 ° 58 ' 21.6 "	
1. Will the well be located in or within 200 feet of a publicly owned park, forest, gameland, designated wildlife area or Natural National Landmark? ☒ Yes ☐ No					
2. Will the well be located within the corridor of a state or national scenic river? ☐ Yes ☒ No Portions of the Allegheny River and Clarion River are currently on the National Wild and Scenic Rivers list. Detailed descriptions are available on the National Scenic Rivers website: www.nps.gov/rivers/wildriverslist.html#pa Portions of three other creeks and streams in oil and gas producing areas are currently listed as Pennsylvania Scenic Rivers. These are: Pine Creek in Tioga County, Lick Run in Clinton County, and Bear Creek in Fayette County. The streams corridor maps are available on DCNR's web site: www.dcnr.state.pa.us/brc/rivers/scenicrivers/locationmap.htm					
3. If answering "Yes" to questions 1 or 2, name the public resource(s): Allegheny National Forest List the name, address and phone number of the person responsible for management of the public resource. Allegheny National Forest, 4 Farm Colony Drive Warren, PA 16365, (814)723-5150 Must the administrator of the public resource approve or otherwise authorize the proposed well, well site, access road, or gathering pipeline? ☒ Yes ☐ No Has the approval or authorization been received? ☒ Yes ☐ No					
4. Has the search of the proposed well location against the Pennsylvania Natural Diversity Inventory (PNDI), or any other evaluation, identified a potential conflict with a species of special concern? ☒ Yes ☐ No If yes, provide PNDI Search Number _____ or attach a copy of the PNDI Search Results. If a potential conflict with a species of concern was identified, give the name of the responsible agency. Has the potential conflict been resolved? ☒ Yes ☐ No					
5. Will the well be located within 200 feet of any historical or archaeological sites listed as federal or state historic places? ☐ Yes ☒ No					
6. Describe in detail the additional measures, facilities, or practices specific to this site to be employed during site construction, drilling and operation to ensure the safety of the public and to protect public resource identified above. Use additional sheets as needed. Question #3 was answered "Yes" in both instances. The ANF has been notified as required by the Minard Run and Minard Run II decisions. All operations will be carried out in cooperation with the Allegheny National Forest. The PA Game Commission defers comments to the US Fish and Wildlife Service. US Fish and Wildlife Service, tree removal will not occur between April 1 and September 30 during the summer occupancy season.					



SOURCE

Based on 1960
state map com-
pilation sheet.

EXPLANATION

IPp
Pottsville Gp.

MDso
Shenango Fm.
through
Oswayo Fm.,
undiv.

Dck
Catskill Fm.

NOTE: Reliability
of contacts is poor.

MDso

MDso

IPp

SCALE 1:62500



Mineable coal lies in the Allegheny Formations.
The peaks of the hills are showing the Pottsville
formation, which lies below the Allegheny.

Compiled by W. E. EDMUNDS, 1977

KANE 15' (NW)

This Map is from Map 61 - Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania
1981 - PA Geological Survey

From: [Philip Hampson](#)
To: [Hanes, Barbara](#)
Cc: ["Tyler Martin"](#)
Subject: [External] RE: Cameron Energy Applications
Date: Tuesday, September 23, 2025 2:06:15 PM
Attachments: [G.F. 232 Lots 434 and 411 PNDI.pdf](#)

ATTENTION: *This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).*

Barb,

Sorry for the slow response, I lost a close friend last week and was helping her family with funeral arrangements and the burial.

The IPAC process has been a learning experience. Under the same project number, is possible to run the project through IPAC multiple times. Each time IPAC is run under the same project number, the previous response is deleted from the IPAC system, keeping the current response. The 14:28 “run” did not have the box checked that said trees would not be cut during the summer occupancy season. The error was noted and another “run” was performed at 15:08. The 15:08 “run” delivered the “no further consultation / coordination required” determination. The two responses from the USFWS included in the submitted PNDI submittal was a clerical error. The 15:08 “run” and the 14:28 “run” were scanned and submitted. Only the 15:08 “run” should have been sent your way. I printed everything and did not notice the extra pages included with the PNDI response.

Attached, please find the 15:08 “run”, which is what should have been sent your way originally. Sorry for the confusion, the more of these IPAC reviews we perform, the better our submittals will become.

Thirty years ago when I first started doing surveying and well applications for the oil and gas industry, the DEP in Meadville thanked me for including the checklist with the applications. Ever since then, I have included the checklist. If the checklist is no longer needed, I will stop sending it – one less page for me to fill out and print and one less page for you to review. We all win!

Thanks.

Phil

Philip L. Hampson, PLS
Hampson Surveying
105 Willoughby Avenue
Warren, PA 16365
814-730-1822

From: Hanes, Barbara [mailto:bhanes@pa.gov]
Sent: Friday, September 19, 2025 1:03 PM
To: Philip Hampson
Subject: Cameron Energy Applications

Hello Phil,

Reviews of Cameron Energy oil well applications for LOT 434, wells SB-32, SB-33, SB-34, SB-35, and LOT 411, 411-6, are near complete.

Regarding the US Fish and Wildlife Service clearance letter(s):

- There is one letter with all eleven pages included and another letter with only the first page (time stamp 14:28:16 UTC). USFWS “QUALIFICATION REVIEW” and response letters have changed; it appears they are now sending two separate responses for each review. Please send a pdf of the complete response letter.
- Please note that on the letter with time stamp 15:08:32 UTC, the answer to Question 40 is ‘No’, there will be no tree cutting during the bat summer occupancy season (April 1 to September 30), resulting in a Not Likely to Adversely Affect designation; there will be a special condition on the permit restricting tree clearing during this time frame. Thank you for acknowledging restriction on the Coordination form; no further action required.

Also, please note: For all permit applications, the checklist is intended as an aid to the applicant and is not required to be submitted with the application.

Please let me know if you have any questions.

Thank You,

Barbara E. Hanes, P.G. | Licensed Professional Geologist
Department of Environmental Protection | District Oil and Gas Operations
Northwest District Office
230 Chestnut Street | Meadville, PA 16335
Phone: 814.332.6870 | Fax: 814.332.6120
bhanes@pa.gov
www.dep.pa.gov



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 234-4090 Fax: (814) 234-0748



In Reply Refer To:

08/26/2025 14:28:16 UTC

Project Code: 2025-0140733

Project Name: GF-232 Lot 434 & 411 5 new Oil Wells

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

**CHECKLIST FOR COMPLETING AN APPLICATION
FOR A PERMIT TO DRILL, OPERATE OR ALTER
AN OIL OR GAS WELL**

(Forms 8000-PM-OOGM0001 and 8000-PM-OOGM0002)

Farm Name - Well # Lot 434 / SB-33	
Applicant Name Cameron Energy Company	DEP ID# 300544
DEP USE ONLY	Auth Id

This optional checklist is for your use to help assure that you submit a complete application. Failure to provide all required information will delay processing. Compare your finished application to this list to make sure you include all the required information, forms, and documents. Mark the box in the appropriate column for those items which are attached, or not applicable.

REQUIREMENT	Conventional		Unconventional	
	Included	N/A	Included	N/A
a. Page 1 with all spaces filled in where applicable.	☐		☐	
b. Page 2, with names, addresses, and signatures (surface owner, water supplies purveyors, coal mines, and gas storage operator municipality and adjacent municipalities).	☐		☐	
c. Location plat, form 8000-PM-OOGM0002, Original and one copy	☐		☐	
d. Application fee based on permit fee calculator, check or money order payable to "Commonwealth of Pennsylvania."	☐	☐	☐	☐
e. Proof and record of notifications and/or written consent, as applicable:				
1. Attach copies of signed and dated certified mail receipt cards or a completed "Affidavit of Non-Delivery of Certified Mail" as proof that you notified the parties listed on page 2. Note that you are required to send a copy of the whole application (pages 1 and 2 of form 8000-PM-OOGM0001 as well as the plat, form 8000-PM-OOGM0002 and attachments). Also, to parties with water supplies within 1,000 or 3,000 feet of the well location as applicable, include "Landowner Notification of Well Drilling or Alterations," form (8000-FM-OOGM0052).	☐		☐	
2. For required or optional written consent from a notified party -- is the party's signature in ink on the appropriate blank on Page 2, or on a separate document.	☐	☐	☐	☐
f. Bond instrument, if not already in effect	☐		☐	
g. Bond Agreement Id # provided on Page 1 if bond is in effect	☐		☐	
h. For a "Phased Deposit" bond -- additional collateral, if required.	☐	☐	☐	☐
i. "Coal well" -- spacing exception request or well cluster spacing.	☐	☐	☐	☐
j. Request for Waiver for Distance Requirements from Springs, Stream, Body of Water, or Wetland, form 8000-FM-OOGM0057.	☐	☐	☐	☐
k. Request For Variance From Distance Restriction From Existing Building Or Water Supply, form 8000-FM-OOGM0058.	☐	☐	☐	☐
l. Request For Approval of Alternate Waste Management Practices (form 5500-PM-OG0071), if needed.	☐	☐	☐	☐
m. Proposed Alternate Method of Casing, Plugging, Venting or Equipping (form 8000-PM-OOGM0024), if needed.	☐	☐	☐	☐
n. Coordination of a Well Location with Public Resources (form 8000-PM-OOGM0076), if needed.	☐	☐	☐	☐
o. For a disposal well or an enhanced recovery well, include the additional information required by regulations §78.18 (EPA UIC permit; control and disposal plan; erosion and sedimentation control plan).	☐	☐	☐	☐
p. Attach a copy of your PNDI check for the proposed well location shown on your plat.	☐	☐	☐	☐
q. Earth Disturbance Permit: Attached on prior ESCGP approval.	☐	☐	☐	☐
r. WMP for Unconventional Well: Attached prior approval.	☐	☐	☐	☐
Signature of Applicant				
s. On page 1 of the application -- the signature, and printed name and title of the person authorized to submit the application, and date. See instructions, SIGNATURE OF APPLICANT.	☐		☐	



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

DEP USE ONLY	
Auth # 1540561	APS # 1145178
Site # 882790	Facility # 886495
FIX Client # 300544	Sub-fac # 1455301

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 123-49210	
Address 507 Cherry Grove Road			Well Farm Name Lot 434	
City Clarendon	State PA	Zip Code 16313	Well # SB-33	Serial #
Phone 814-968-3337	Fax 814-968-3330	County Warren	Municipality Sheffield Township	

INTENDED ALTERNATIVE PRACTICE

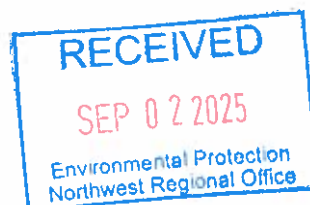
Check the appropriate box and complete the applicable section of the form.

- ☐ 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 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.



Due: 10/16/25-
09/05/25-trs

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.

Cherry Run lies +/-200' 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 Gilpin channery silt loam (GsC).

Historical records indicate fresh water will be encountered at a depth of 325'.

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.

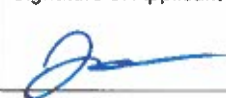
b) Provide a narrative description for all boxes checked above including pretreatment facility design and methodology (use additional pages if necessary)

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

~~Arthur J~~ Stewart, President

John Vice

Date

8/28/25

DEP USE ONLY			
☐ Approved ☒ Denied		Conditions: ☐ YES, see below or attached. ☐ NO	Date 10.03.25
DEP Representative: Brian Ayers			
Conditions: A site evaluation determined that this site is unsuited for the proposed Alternate Waste Management Practice. The operator may resubmit a future request if they can demonstrate that shallow groundwater will not compromise their pit.			

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

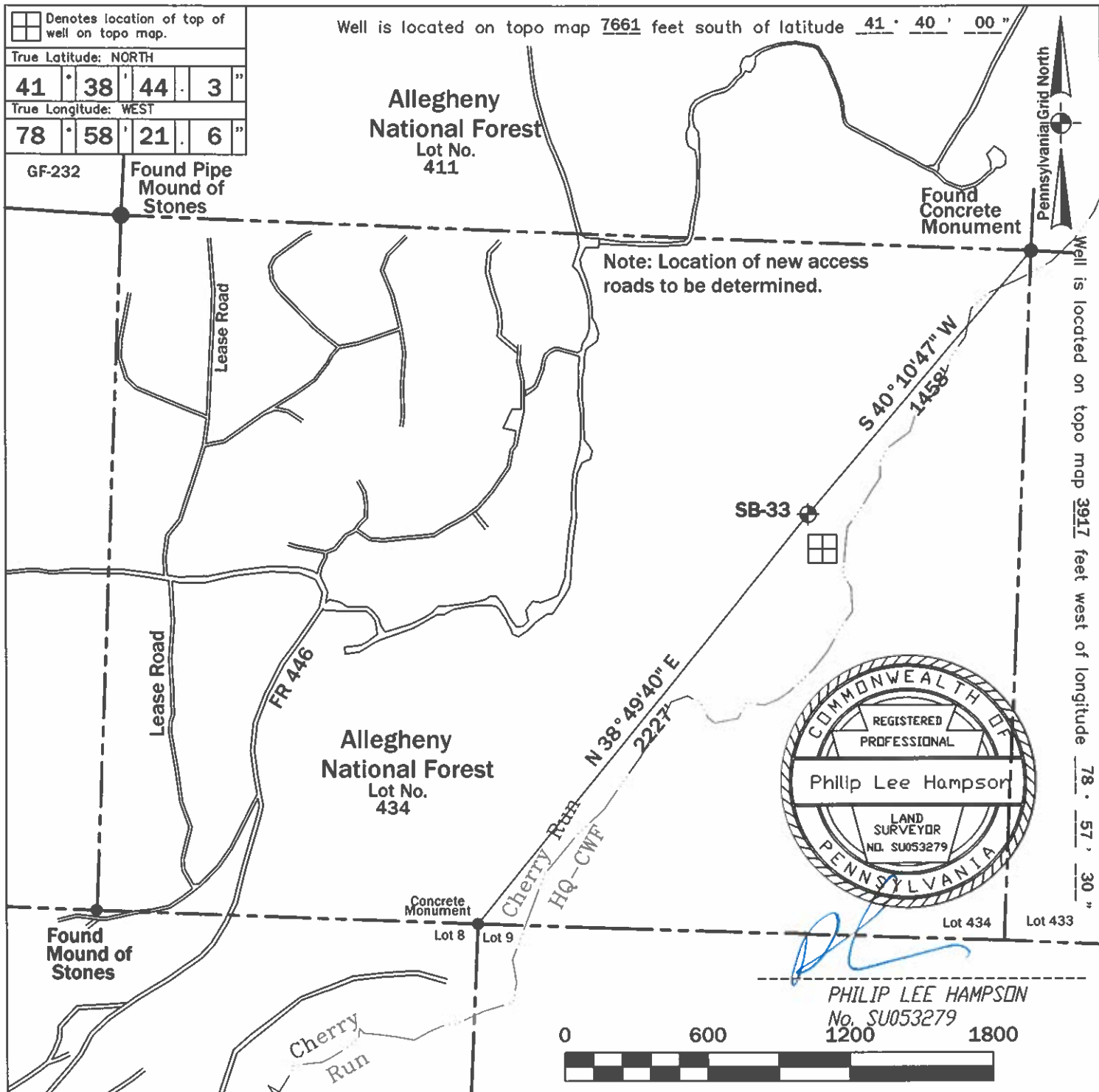


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Auth ID #:	G:
USE	Permit #: 123-49210	C:
ONLY	Project #:	

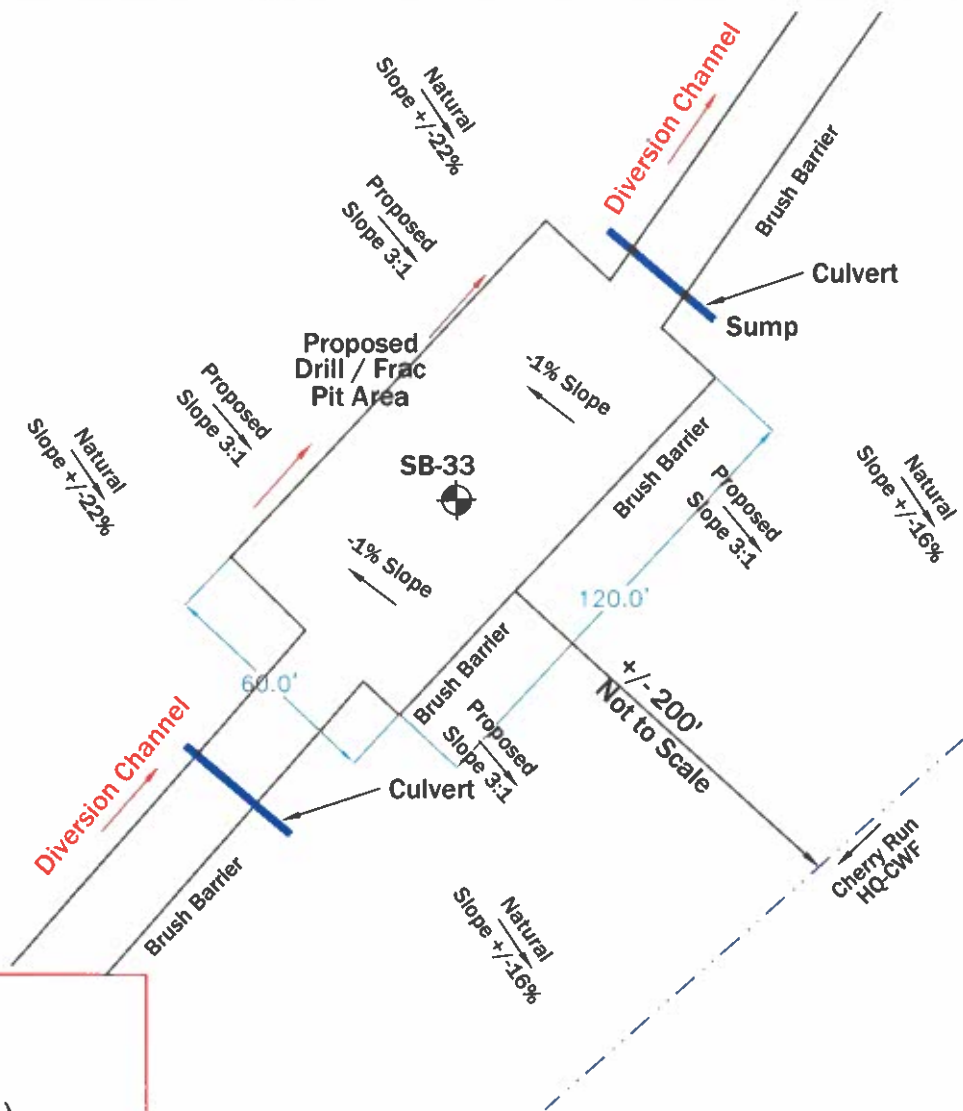


Applicant/Well Operator Name: Cameron Energy Company		DEP ID # 300544	Well (Farm) Name: Lot 434		Well #: SB-33	Serial #:
Address: 507 Cherry Grove Road, Clarendon, PA 16313			County: Warren County	Municipality: Sheffield Township	Well Type: Oil	
911 address of well site: N/A			USGS 7½' Quadrangle Map Name: Ludlow - 514	Map Section: 7	Surface Elevation: 1584 ft.	
Surveyor or Engineer: Philip L. Hampson, PLS	Phone #: 814-730-1822	Dwg #: E: SB-33	Date: 8/13/2025	Scale: 1"=600'	Tract Acreage: +/- 260 Acres	
Lat. & Long Metadata Method: Direct GPS	Accuracy: +/-15' ft.	Datum: NAD 83	Elevation Metadata Method: Scaled	Accuracy: Lidar ft.	Datum: NGVD 29	Survey Date: 8/12/2025

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**.

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**.

Applicant / Well Operator Name Cameron Energy Company, Inc.		DEP ID# 300544	Well (Farm) Name Lot 434	Well # SB-33	Serial #
Surface Landowner / Lessor: Allegheny National Forest			Angle & Course of Deviation (Drilling): None	Anticipated True Vertical Depth Feet (TVD): 2000	Anticipated Total Measured Depth Feet (TMD): 2000
Target Formation(s): Cooper			Deepest Formation to be penetrated: Cooper	Number of laterals: 0	Total footage to be drilled all laterals: 0
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude Longitude of Water Supply		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Sheffield Township					
Mead Township					
Hamilton Township					
Wetmore Township			Coal related parties		
Howe Township					
Cherry Grove Township					
Highland Township					



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: 8/27/2025



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

Well SB-33
Cameron Energy Company
Lot 434
Allegheny National Forest
Sheffield Township, Warren County
Pennsylvania