

From: [Roxberry, Barbara](#)
To: INFO@PENNHILLSRESOURCES.COM
Cc: [Hogue, Kate](#); [Ayers, Brian](#)
Subject: Auth 1576130 123-49373
Date: Wednesday, July 29, 2026 12:09:00 PM
Attachments: [Auth 1576130 123-49373.pdf](#)
[image001.png](#)
[Well Permit Cover Letter \(conventional\) 1-12-23 \(2\).pdf](#)

Operator,

The Department of Environmental Protection has completed the review of the application corresponding to the attached permit.

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

The cover letter for this permit 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/>



Barbara Roxberry | Clerical Assistant III
Department of Environmental Protection | District Oil and Gas Operations
Northwest District Office
230 Chestnut Street | Meadville, PA 16335
Office: 814.332.6862
Emergency: 800.541.2050
dep.pa.gov

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

DEP USE ONLY	
Permittee's eFACTS ID 306870	Auth ID 1576130
Watershed Name	Quality

WELL PERMIT

Permittee PENNHILLS RESOURCES LLC		OGO.# OGO-68600	Permit Number 37-123-49373-00-00	Date Issued 07/29/2026
Address P.O. BOX 426		Farm Name & Well Number WT 1072 17		Well Serial #
MT. JEWETT, PA 16740		Municipality Sheffield Twp	County Warren	
		7½' Quadrangle Name Sheffield	Map Section # 9	
Phone (814) 975-3009	Project #		Latitude 41-38-3.3504	Longitude -79-1-55.2684
Surf Elev at Site 1733 feet	Anticipated Maximum TVD 2050 feet	Well Type OG	Offset distances referenced to NE corner of map section. South 11806 feet West 8753 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.

This permit expires **07/29/2027** unless drilling is commenced on or before that date and prosecuted with due diligence.

Susan Price for Thomas Donohue 7/29/26
 Subsurface Permits Environmental Program Manager

ERIC WYMER

PO BOX 669
 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 CK#16990 \$550		DEP USE ONLY	
NC PNDI 4/9/26	OGO #	68600	Objection Date - Do not issue before: 7/14/2026
	Client Id	306870	Date Approved: SGP 7/24/26
	Bond #	16332	Watershed Name Designation: ☐ HQ ☐ EV
	C 7/15/26 dg G L M 7/23/26	Special Cond	FRAC/STIM24, ZONING
	INV		
APS # 1166010	Auth Id 1576130	Site Id 889603	PF Id 893550
			SF Id 1483000

Please read instructions before you begin filling in this form.

WELL INFORMATION					
Well Operator PENNHILLS RESOURCES, LLC		DEP ID# 306870	Well API # 37- - -	Well Farm Name WT 1072	Well # 17
Address P.O. BOX 426		LAT 41°38' 03.35" LONG 79°01' 55.27"		NAD 83	Project Number Serial #
City MT. JEWETT	State PA	Zip 16740	Municipality Name/ City, Borough, Township SHEFFIELD Township		County WARREN
Phone 814-975-3009	Fax 814-778-6874	Email langsurveyingllc@gmail.com		USGS 7.5 min. quadrangle map SHEFFIELD, PA	
☐ Check if this is a new address		24/7 Emergency Phone contact number 814-598-0237		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 COMMERCIAL PIT	
Surface Elev 1733'	Deepest Formation to be penetrated: BRADFORD GROUP (BRADFORD 2ND)	Anticipated TVD 2050'	PERMIT TYPE Check applicable. Application is to: ☒ Drill a new ☐ 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 BRADFORDGROUP(BRADFORD2ND)		Anticipated Target Top/Bottom TVD 1835' 1900'	APPLICATION FEE Check applicable. ☒ Conventional ☐ \$200 (Home Use Well) Total Application Fee \$ 550		
Number of wellbore laterals proposed under this application 0		Total feet of wellbore to be drilled under this application 2050 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).		Bond Agreement Id			
Application submitted as: Coal well: ☐ Attach Coal Module CBM well ☐ Attach Coal Module Non coal well ☒ Attach justification.					
COORDINATION WITH REGULATIONS AND OTHER PERMITS			Yes	No	

- Will the well be subject to the Oil and Gas Conservation Law? If "No," go to 2).
 - If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary? ☐ Yes ☒ No
 - Does the location fall within an area covered by a spacing order? ☐ Yes ☒ No
 - 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. ☐ Yes ☒ No
- 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? ☐ Yes ☒ No
 If yes, is a waiver request (form 5500-FM-OG0057) and site-specific E&S control plan attached? ☐ Yes ☒ No



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

WELL LOCATION PLAT

PAGE 1 Surface Location

Auth ID #:	
Permit #:	L7M7/23/26
Project #:	

☐ Denotes location of top of well on topo map.		Well is located on topo map <u>11806</u> feet south of latitude <u>41° 40' 00"</u>			
True Latitude: NORTH					
41	38	03	35		
True Latitude: WEST					
79	01	55	27		

Well is located on topo map 8753 feet west of longitude 79° 00' 00"

Applicant/Well Operator Name: PENNHILLS RESOURCES, LLC		DEP ID # 306870	Well (Form) Name: WT 1072		Well # 17	Serial #
Address: P.O. BOX 426, MT. JEWETT, PA 16740			County: WARREN	Municipality: SHEFFIELD	Well Type: COMBINATION	
911 address of well site: N/A			USGS 7½ Quadrangle Map Name: SHEFFIELD, PA	Map Section: 9	Surface Elevation: 1733 ft.	
Surveyor or Engineer: ANDREW S. ROSENBERGER	Phone #: (814) 368-4139	Dwg #: 06578.17	Date: 5/13/26	Scale: 1"=800'	Tract Acreage: 230± AC.	
Lat. & Long Metadata Method: SURVEY GRADE GPS		Accuracy: +/- 10 ft.	Datum: NAD 83	Elevation Metadata Method: SURVEY GRADE GPS	Accuracy: +/-10 ft.	Datum: NAVD 88
				Survey Date: 5/26		



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

Farm Name - Well # WT 1072 WELL #17	
Applicant Name PENNHILLS RESOURCES, LLC	DEP ID# 306870
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.		Address Affidavit	Written Consent
						Certified Mail Dates			
Print Name	Address					Sent	Return Receipt		
ALLEGHENY NATIONAL FOREST Signature	4 FARM COLONY DRIVE WARREN, PA 16365	X				5/28/26	6/4/26		
SHEFFIELD TOWNSHIP Signature	P.O. BOX 784 SHEFFIELD, PA 16347				X	5/28/26	6/3/26		
WETMORE TOWNSHIP Signature	318 SPRING STREET KANE, PA 16735				X	5/28/26	6/16/26		
HAMILTON TOWNSHIP Signature	P.O. BOX 23 LUDLOW, PA 16333				X	5/28/26	6/4/26		
MEAD TOWNSHIP Signature	119 MEAD BLVD CLARENDON, PA 16313				X	5/28/26	6/3/26		

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:	☐	☐	☐



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

Farm Name - Well # WT 1072 WELL #17	
Applicant Name PENNHILLS RESOURCES, LLC	DEP ID# 306870
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: CHERRY GROVE TOWNSHIP Signature	Address: 6039 CHERRY GROVE ROAD CLARENDON, PA 16313				X	5/28/26	6/3/26		
Print Name: HOWE TOWNSHIP Signature	Address: 7947 ROUTE 666 SHEFFIELD, PA 16347				X	5/28/26	6/3/26		
Print Name: HIGHLAND TOWNSHIP Signature	Address: P.O. BOX 505 JAMES CITY, PA 16734				X	5/28/26	6/2/26		
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

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

2952 4001 1304 2582

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Warren, PA 16366

OFFICIAL USE

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$2.17

Total Postage \$11.87

Sent To ALLEGHENY NATIONAL FOREST

Street and Apt 4 FARM COLONY DRIVE

City, State, Z WARREN, PA 16365

PS Form 38 WT 1072 11-18 E1-2

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.
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1. Article Addressed to:

ALLEGHENY NATIONAL FOREST
 4 FARM COLONY DRIVE
 WARREN, PA 16365

9590 9402 8267 3094 9210 05

2. Article Number (Transfer from service label)
 7018 0680 0001 1304 2582

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *J. Boutelle* ☒ Agent ☐ Addressee

B. Received by (Printed Name) *Lydia Boutelle* C. Date of Delivery *6/4/26*

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

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

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2 Domestic Return Receipt

2575 4001 1304 2575

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Sheffield, PA 16347

OFFICIAL USE

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$2.17

Total Postage \$11.87

Sent To SHEFFIELD TOWNSHIP

Street and Apt P.O. BOX 784

City, State, Z SHEFFIELD, PA 16347

PS Form 38 WT 1072 11-18 E1-2

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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:

SHEFFIELD TOWNSHIP
 P.O. BOX 784
 SHEFFIELD, PA 16347

9590 9402 8267 3094 9210 12

2. Article Number (Transfer from service label)
 7018 0680 0001 1304 2575

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2

COMPLETE THIS SECTION ON DELIVERY

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

B. Received by (Printed Name) *Eva Schneider* C. Date of Delivery *6-3-26*

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

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

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2 Domestic Return Receipt

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$0.00

☐ Return Receipt (electronic) \$0.00

☐ Certified Mail Restricted Delivery \$0.00

☐ Adult Signature Required \$0.00

☐ Adult Signature Restricted Delivery \$0.00

Postage \$2.17

Total Postage \$7.47

\$

Sent To

Street and Apt.

City, State, ZIP

WETMORE TOWNSHIP
318 SPRING STREET
KANE, PA 16735

PS Form 3811

WT 1072 11-18 E1-2

Postmark
Here

05/28/2026

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- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:

WETMORE TOWNSHIP
318 SPRING STREET
KANE, PA 16735



9590 9402 8267 3094 9210 29

2. Article Number (Transfer from service label)

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PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Godi Brinkley

☐ Agent
☐ Addressee

B. Received by (Printed Name)

Godi Brinkley

C. Date of Delivery

6/16/26

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

318 Spring St
Kane

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

☐ Insured Mail
☐ Registered Mail Restricted Delivery
 (over \$500)

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Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$0.00

☐ Return Receipt (electronic) \$0.00

☐ Certified Mail Restricted Delivery \$0.00

☐ Adult Signature Required \$0.00

☐ Adult Signature Restricted Delivery \$0.00

Postage \$2.17

Total Postage \$7.47

\$

Sent To

Street and Apt.

City, State, ZIP

HAMILTON TOWNSHIP
P.O. BOX 23
LUDLOW, PA 16333

PS Form 3800

WT 1072 11-18 E1-2

Postmark
Here

05/28/2026

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 8267 3094 9210 36

2. Article Number (Transfer from service label)

7018 0680 0001 1304 2551

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Becky Davidson

☐ Agent
☐ Addressee

B. Received by (Printed Name)

Becky Davidson

C. Date of Delivery

6-4-26

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

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

☐ Insured Mail
☐ Registered Mail Restricted Delivery
 (over \$500)

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$2.17

Total Postage \$11.87

Sent To MEAD TOWNSHIP
 Street and A 119 MEAD BLVD
 City, State, Z CLARENDON, PA 16313

PS Form 38 WT 1072 11-18 E1-2

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



9590 9402 8267 3094 9210 43

2. Article Number (Transfer from service label)

7018 0680 0001 1304 2544

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Margaret Adams* ☒ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

6-3

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

3. Service Type

- | | |
|--|---|
| ☐ Adult Signature | ☐ Priority Mail Express® |
| ☐ Adult Signature Restricted Delivery | ☐ Registered Mail™ |
| ☒ Certified Mail® | ☐ Registered Mail Restricted Delivery |
| ☐ Certified Mail Restricted Delivery | ☐ Signature Confirmation™ |
| ☐ Collect on Delivery | ☐ Signature Confirmation Restricted Delivery |
| ☐ Collect on Delivery Restricted Delivery | |
| ☐ Insured Mail | |
| ☐ Insured Mail Restricted Delivery (over \$500) | |

Domestic Return Receipt

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$2.17

Total Postage \$11.87

Sent To CHERRY GROVE TOWNSHIP
 Street and A 6039 CHERRY GROVE ROAD
 City, State, Z CLARENDON, PA 16313

PS Form 38 WT 1072 11-18 E1-2

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:

CHERRY GROVE TOWNSHIP
 6039 CHERRY GROVE ROAD
 CLARENDON, PA 16313



9590 9402 8267 3094 9210 74

2. Article Number (Transfer from service label)

7018 0680 0001 1304 1288

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072-E1, 2 11-18

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Margaret Adams* ☒ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

6-3

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

3. Service Type

- | | |
|--|---|
| ☐ Adult Signature | ☐ Priority Mail Express® |
| ☐ Adult Signature Restricted Delivery | ☐ Registered Mail™ |
| ☒ Certified Mail® | ☐ Registered Mail Restricted Delivery |
| ☐ Certified Mail Restricted Delivery | ☐ Signature Confirmation™ |
| ☐ Collect on Delivery | ☐ Signature Confirmation Restricted Delivery |
| ☐ Collect on Delivery Restricted Delivery | |
| ☐ Insured Mail | |
| ☐ Insured Mail Restricted Delivery (over \$500) | |

Domestic Return Receipt

7018 0680 0001 1304 2537

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OFFICIAL USE

Certified Mail Fee \$5.30
 \$4.40
 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$2.17
 Total Postage \$11.87
 Sent To
 Street and Apt. HOWE TOWNSHIP
 7947 ROUTE 666
 City, State, Zip SHEFFIELD, PA 16347
 PS Form 3800 WT 1072 11-18 E1-2

Postmark Here 05/28/2026

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:

HOWE TOWNSHIP
 7947 ROUTE 666
 SHEFFIELD, PA 16347



9590 9402 8267 3094 9210 67

2. Article Number (Transfer from service label)

7018 0680 0001 1304 2537

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Jessica Mohr

- ☐ Agent
- ☐ Addressee

B. Received by (Printed Name)

Jessica Mohr

C. Date of Delivery

6/3/26

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 (over \$500)

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

7018 0680 0001 1304 2520

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com™.

OFFICIAL USE

Certified Mail Fee \$5.30
 \$4.40
 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$2.17
 Total Postage \$11.87
 Sent To
 Street and Apt. HIGHLAND TOWNSHIP
 P.O. BOX 505
 City, State, Zip JAMES CITY, PA 16734
 PS Form 3800 WT 1072 11-18 E1-2

Postmark Here 05/28/2026

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:

HIGHLAND TOWNSHIP
 P.O. BOX 505
 JAMES CITY, PA 16734



9590 9402 8267 3094 9210 50

2. Article Number (Transfer from service label)

7018 0680 0001 1304 2520

PS Form 3811, July 2020 PSN 7530-02-000-9053 WT 1072 11-18 E1-2

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Joou Brinkley

- ☐ Agent
- ☐ Addressee

B. Received by (Printed Name)

Joou Brinkley

C. Date of Delivery

6/2/26

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 (over \$500)

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

Domestic Return Receipt

1. PROJECT INFORMATION

Project Name: **Henry Mills Area**

Date of Review: **4/9/2026 09:39:54 AM**

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

Project Area: **158.96 acres**

County(s): **Warren**

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

ZIP Code:

Quadrangle Name(s): **SHEFFIELD**

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

Watersheds HUC 12: **Lower Sheriff Run-Tionesta Creek; South Branch Tionesta Creek-Tionesta Creek**

Decimal Degrees: **41.637100, -79.029488**

Degrees Minutes Seconds: **41° 38' 13.5584" N, 79° 1' 46.1561" 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	No Known Impact	No Further Review Required

Pennsylvania Natural Diversity Inventory (PNDI) records indicate that while threatened and endangered and/or special concern species and resources are in the project vicinity and that recommended Conservation Measures should be implemented in their entirety to avoid and minimize impacts to these species, no further coordination is required with the jurisdictional agencies. If a DEP permit is required for this project, DEP has the discretion to incorporate one or more Conservation Measures into its permit. This response does not reflect potential agency concerns regarding potential impacts to other ecological resources, such as wetlands.

Henry Mills Area

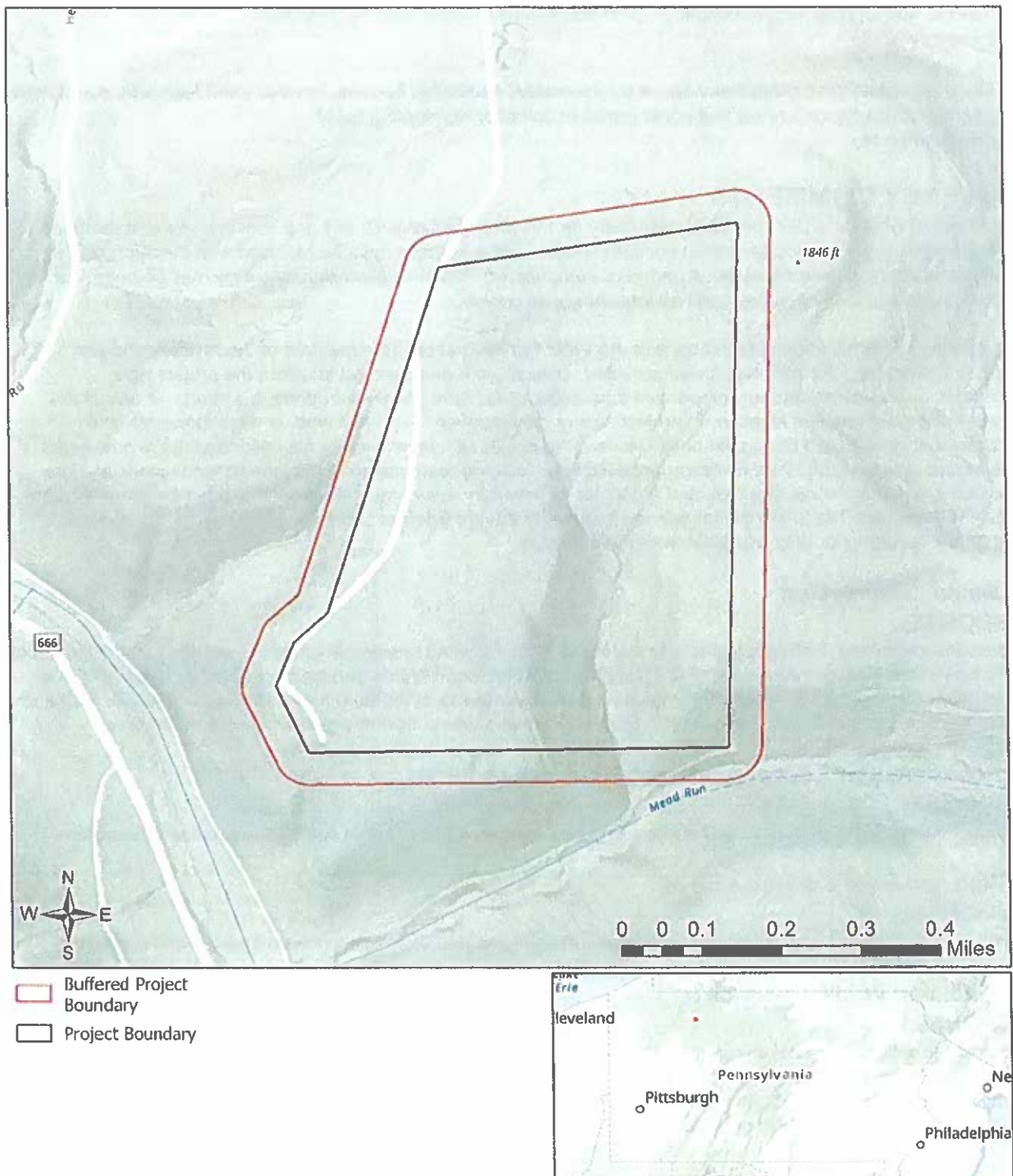


-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCLAS, NLS, OS, NMA, Geodatastyroisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community

Henry Mills Area



Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodataspyrolsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community

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: No

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:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

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: Thomas Rich
Company/Business Name: Pennhills Resources LLC
Address: PO Box 426
City, State, Zip: MT Jewett PA 16740
Phone: (814) 975-3009 Fax: (814) 778-6874
Email: t.rich@pennhillsresources.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.

Thomas P Rich
applicant/project proponent signature

4-9-26
date



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

DEP USE ONLY	
APS No.	Site No.
Permit No.	Auth. ID No.

COORDINATION OF A WELL LOCATION WITH PUBLIC RESOURCES

Well Operator PENNHILLS RESOURCES, LLC		DEP ID No. 306870	Well Farm Name and No. WT 1072		17
Address P.O. BOX 426			Project No. (if previously assigned)		
City MT. JEWETT	State PA	Zip Code 16740	County WARREN	Municipality SHEFFIELD	
Phone No. 8149753009	Fax No. 8147786874	Latitude N 41 ° 38 ' 03.35 "		Longitude W 79 ° 01 ' 55.27 "	
1. Will the well be located in or within 200 ft. 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
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. 4 FARM COLONY DRIVE, WARREN, PA 16365					
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 <u>834538</u> or attach a copy of the PNDI Search Results.					
If a potential conflict with a species of special concern was identified, give the name of the responsible agency. PA GAME COMMISSION					
5. Will the well be located within 200 ft. of any historical or archaeological sites listed as national or state historic places?					☐ Yes ☒ No
6. If the proposed well is an unconventional well, will the well be located within 1000 ft. of water wells, surface water intakes, reservoirs, or other water supply extraction points used by a water purveyor?					☐ Yes ☒ No
7. If the answer to questions 1, 2, 4, 5, or 6 is "YES", describe in detail the coordination with applicable resource agencies, the potential impacts to any public resource identified above, if any, and the additional measures proposed to avoid, minimize, or otherwise mitigation the impacts to public resources. AN EROSION & SEDIMENTATION CONTROL PLAN HAS BEEN PREPARED AND REVIEWED WITH ALLEGHENY NATIONAL FOREST PERSONNEL. A CONSERVATION MEASURE WAS IDENTIFIED BY PA GAME COMMISSION, WHO DEFERRED TO THE U.S. FISH & WILDLIFE SERVICE AND NO POTENTIAL IMPACTS ARE ANTICIPATED.					

Pennhills Resources, LLC
WT 1072 Lease

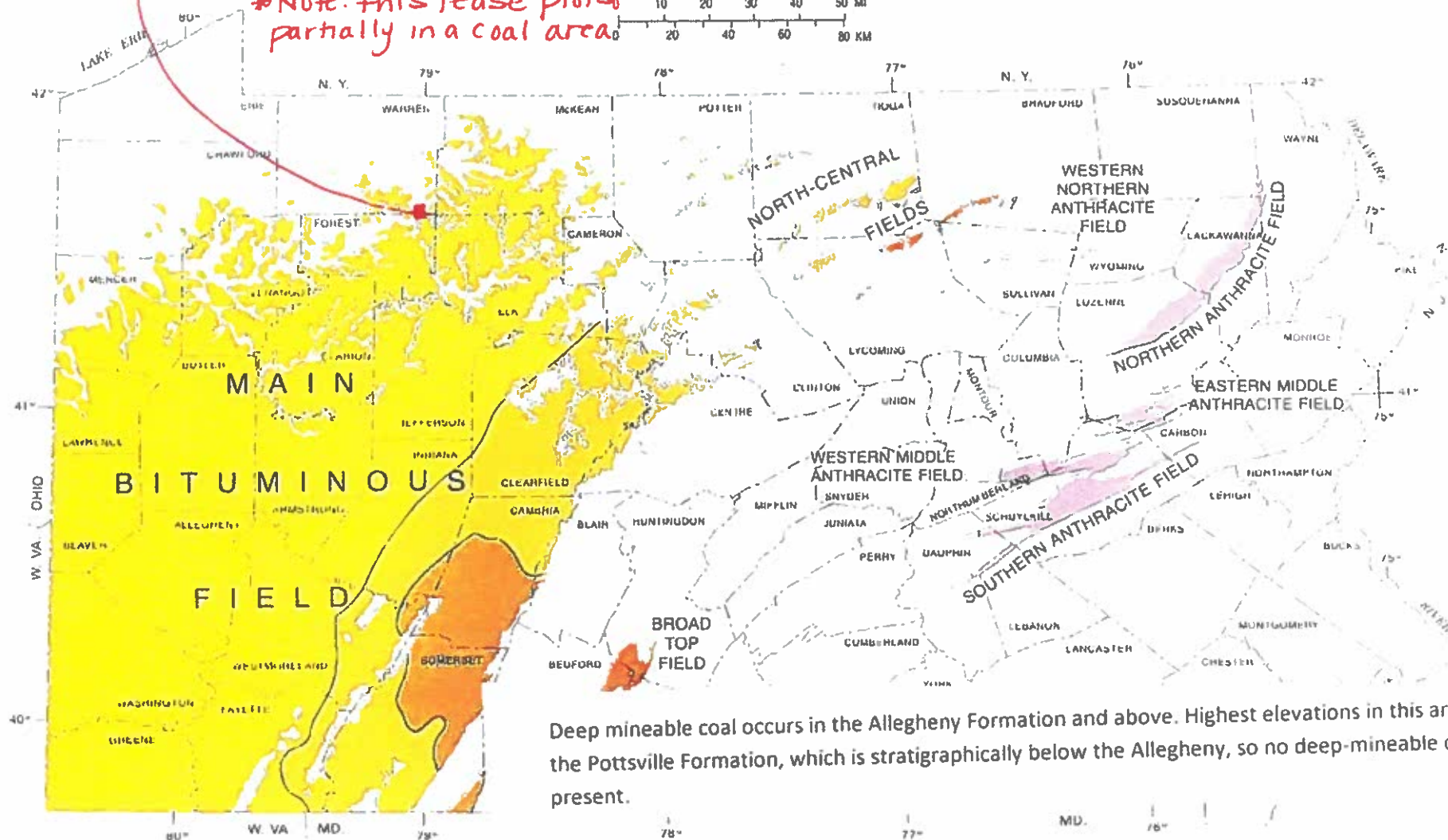
DISTRIBUTION OF PENNSYLVANIA COALS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
CONSERVATION AND NATURAL RESOURCES
BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
www.dcnr.state.pa.us/topogeo

*Note: this lease plots
partially in a coal area

SCALE 1:2,000,000

10 20 30 40 50 MI
0 20 40 60 80 KM



Deep mineable coal occurs in the Allegheny Formation and above. Highest elevations in this area are of the Pottsville Formation, which is stratigraphically below the Allegheny, so no deep-mineable coal is present.

EXPLANATION

BITUMINOUS FIELDS

High-volatile
bituminous coal

Medium-volatile
bituminous coal

Low-volatile
bituminous coal

ANTHRACITE FIELDS

Semi-anthracite

Anthracite



Pennhills Resources, LLC
WT 1072 Lease

Non-Coal Justification: WT 1072 Wells

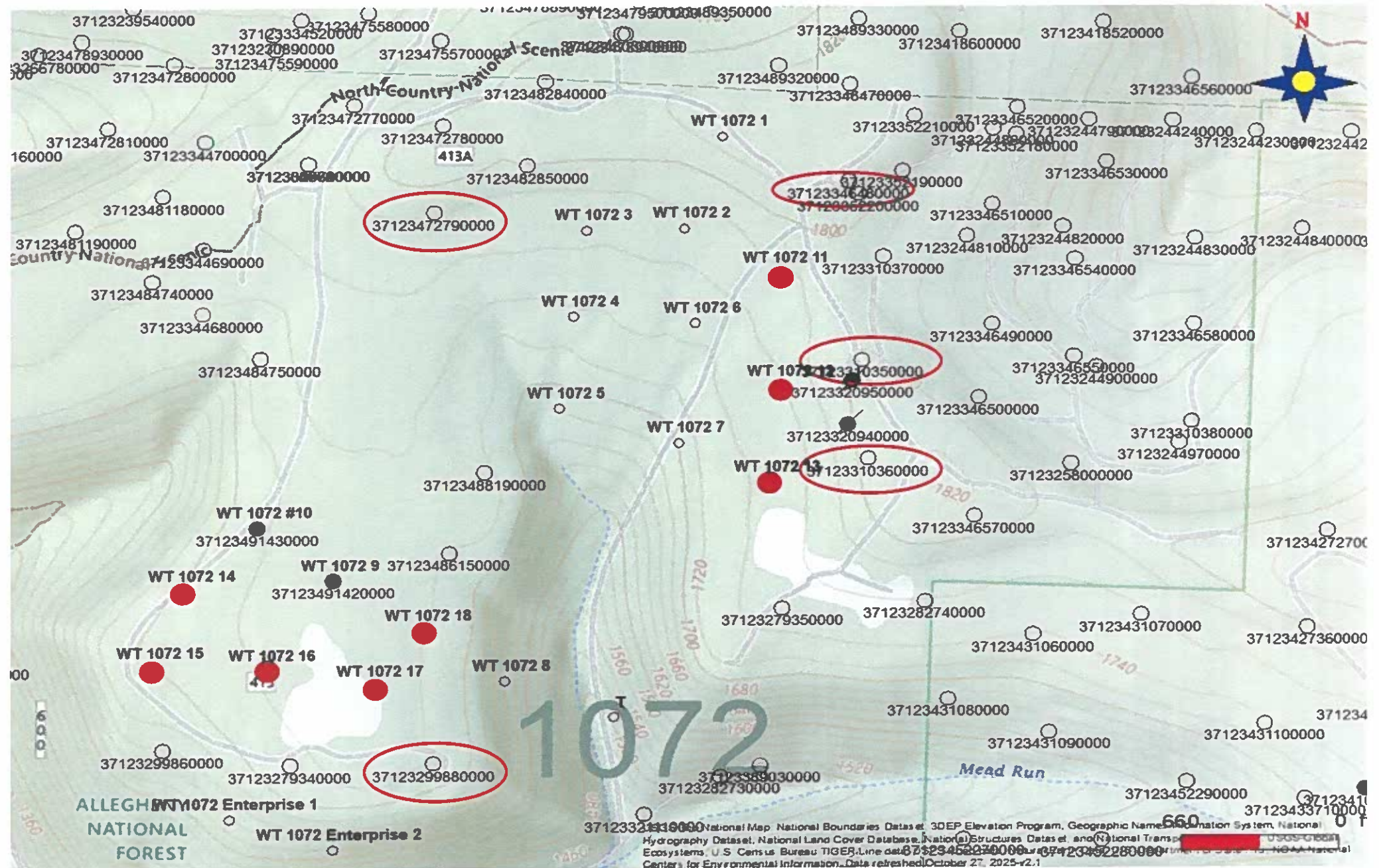
WT 1072 11, 12, 13, 14, 15, 16, 17, 18



Location of driller's log



Location of requested well permit



Pennhills Resources Proposed Wells:	WT 1072 11	41.63941912	-79.02529228
	WT 1072 12	41.63796584	-79.02520306
	WT 1072 13	41.63675419	-79.02520306
	WT 1072 14	41.6352793	-79.0343113
	WT 1072 15	41.63429812	-79.03478233
	WT 1072 16	41.63427212	-79.03306829
	WT 1072 17	41.63408913	-79.03142424
	WT 1072 18	41.6348101	-79.0307068
Driller's Logs:	37-123-29988-00-00	41.633114	-79.030482
	37-123-47279-00-00	41.64011346	-79.03061645
	37-123-31036-00-00	41.63704432	-79.02388499
	37-123-31035-00-00	41.63831277	-79.02402719
	37-123-34648-00-00	41.64039898	-79.02423965

No coal noted on driller's log.

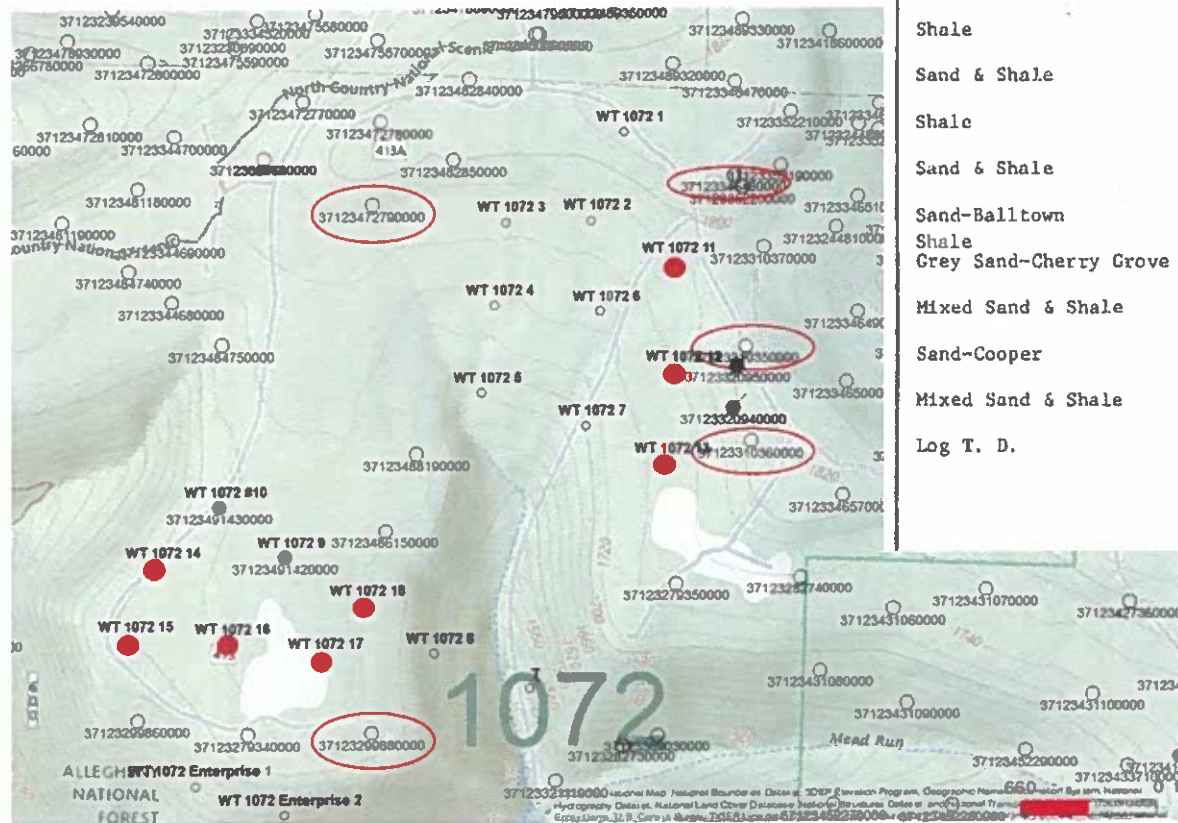
No coal thickness greater than 28" thick encountered.

The depth of the Allegheny formation is less than 100' and therefore would be considered to be non-coal due to insufficient overburden.

No coal noted on driller's logs within 1 sq. mile area.

37-123-29988-00-00

FORMATIONS						
NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (FRESH OR SALT WATER)	SOURCE OF DATA
Mud	0'	38'				Drillers Log
Grey, Brown Sand & Shale	38'	74'				" "
Grey Sand & Shale	74'	173'				" "
Brown Sand	173'	181'				" "
Brown, Gray Sand & Shale	181'	251'				" "
Grey Sand & Shale	251'	529'				" "
Red Rock	529'	543'				Electric Log
Sand & Shale	543'	717'				" "
Shale	717'	771'				" "
Sand & Shale	771'	839'				" "
Shale	839'	967'				" "
Sand & Shale	967'	1522'				" "
Sand-Balltown	1522'	1542'		1524'		" "
Shale	1542'	1630'				" "
Grey Sand-Cherry Grove	1630'	1701'			1632'	" "
Mixed Sand & Shale	1701'	1814'				" "
Sand-Cooper	1814'	1851'			1825'	" "
Mixed Sand & Shale	1851'	1960'				" "
Log T. D.		1960'				" "



Pennhills Resources Proposed Wells:	WT 1072 11	41.63941912	-79.02529228
	WT 1072 12	41.63796584	-79.02520306
	WT 1072 13	41.63675419	-79.02520306
	WT 1072 14	41.6352793	-79.0343113
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	WT 1072 17	41.63408913	-79.03142424
	WT 1072 18	41.6348101	-79.0307068
Driller's Logs:	37-123-29988-00-00	41.633114	-79.030482
	37-123-47279-00-00	41.64011346	-79.03061645
	37-123-31036-00-00	41.63704432	-79.02388499
	37-123-31035-00-00	41.63831277	-79.02402719
	37-123-34648-00-00	41.64039898	-79.02423965

No coal noted on driller's log.

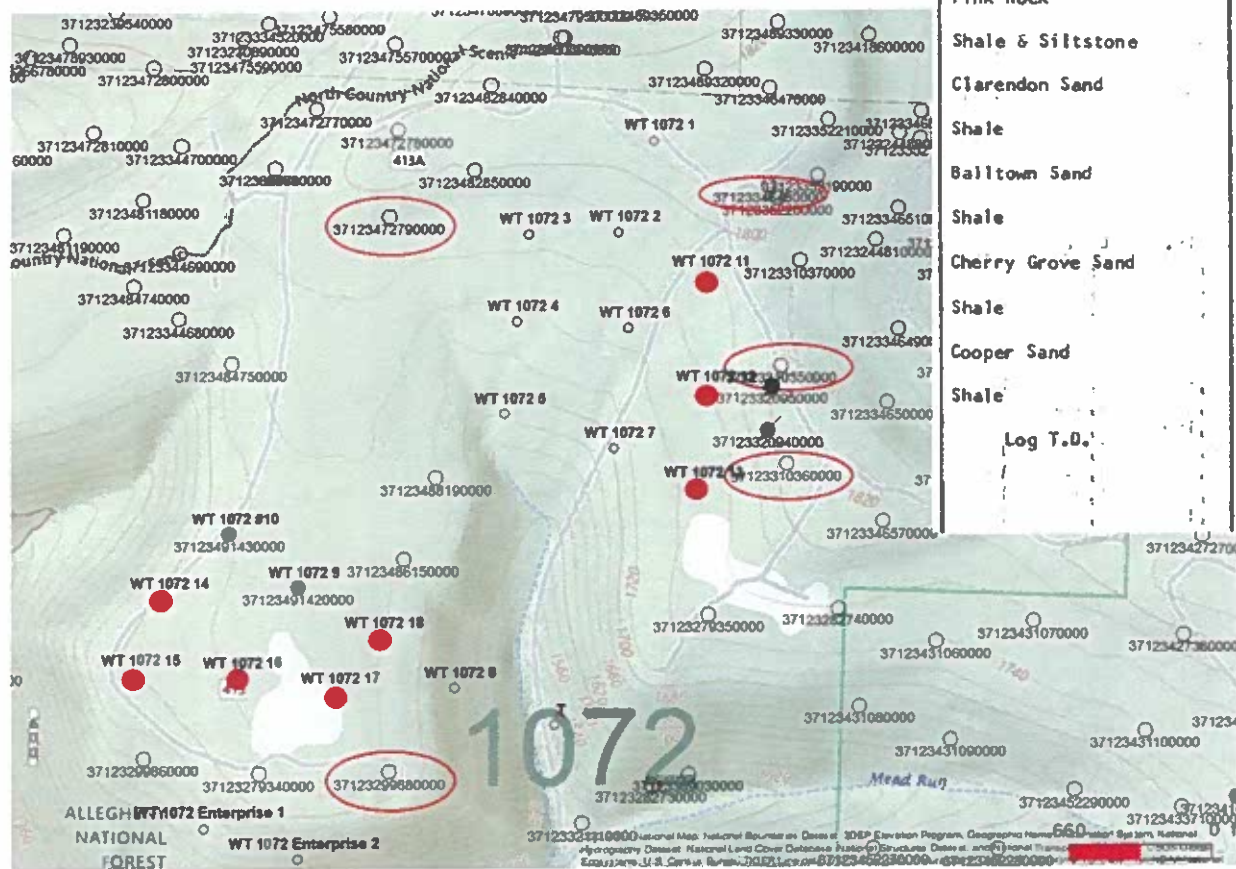
No coal thickness greater than 28" thick encountered.

The depth of the Allegheny formation is less than 100' and therefore would be considered to be non-coal due to insufficient overburden.

No coal noted on driller's logs within 1 sq. mile area.

37-123-31036-00-00

FORMATIONS						
NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (FRESH OR SALT WATER)	SOURCE OF DATA
Mud & Gravel	0'	240'	-	-	-	Driller's Log
Sand, Shale & Redrock	240'	552'	-	-	-	" "
Shale	552'	864'	-	-	-	Electric Log
Sand Knox 2nd	864'	877'	-	-	-	" "
Shale	877'	912'	-	-	-	" "
Sand Knox 3rd	912'	939'	-	-	-	" "
Shale & Siltstone	939'	1050'	-	-	-	" "
Shale	1050'	1161'	-	-	-	" "
Pink Rock	1161'	1272'	-	-	-	" "
Shale & Siltstone	1272'	1383'	-	-	-	" "
Clarendon Sand	1383'	1494'	-	-	-	" "
Shale	1494'	1605'	-	-	-	" "
Balltown Sand	1605'	1637'	-	1612'	-	" "
Shale	1637'	1722'	-	-	-	" "
Cherry Grove Sand	1722'	1799'	-	1744'	-	" "
Shale	1799'	1854'	-	-	-	" "
Cooper Sand	1854'	1952'	-	1909'	-	" "
Shale	1952'	1998'	-	-	-	" "
Log T.D.		1998'				S.L.M.



Pennhills Resources Proposed Wells:	WT 1072 11	41.63941912	-79.02529228
	WT 1072 12	41.63796584	-79.02520306
	WT 1072 13	41.63675419	-79.02520306
	WT 1072 14	41.6352793	-79.0343113
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	37-123-31036-00-00	41.63704432	-79.02388499
	37-123-31035-00-00	41.63831277	-79.02402719
	37-123-34648-00-00	41.64039898	-79.02423965

No coal noted on driller's log.

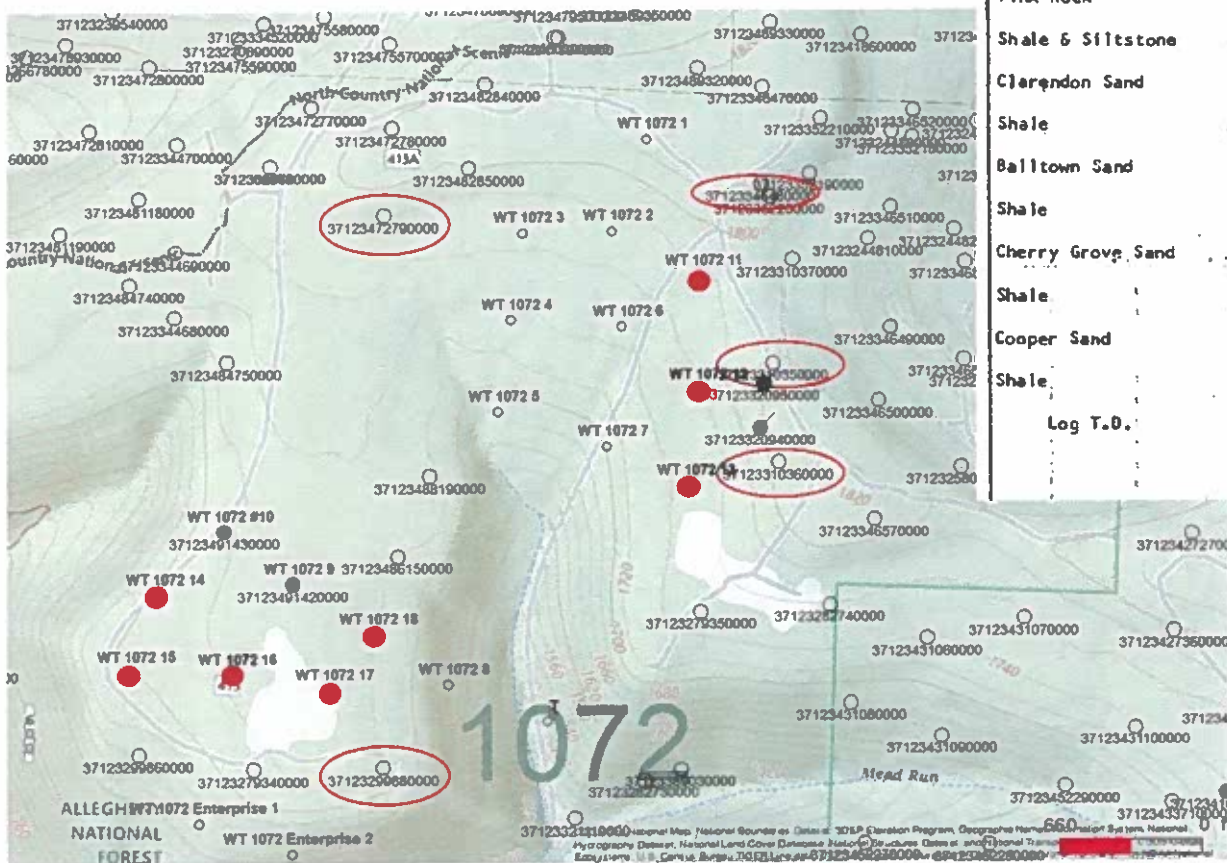
No coal thickness greater than 28" thick encountered.

The depth of the Allegheny formation is less than 100' and therefore would be considered to be non-coal due to insufficient overburden.

No coal noted on driller's logs within 1 sq. mile area.

37-123-31035-00-00

FORMATIONS						
NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (FRESH OR SALT WATER)	SOURCE OF DATA
Mud & Gravel	0'	220'	-	-	83'-94'-119'	Driller's Log
Sand, Shale & Redrock	220'	546'	-	-	259'-280'	" "
Shale	546'	820'	-	-	-	Electric Log
Sand Knox 2nd	820'	865'	-	-	-	" "
Shale	865'	903'	-	-	-	" "
Sand Knox 3rd	903'	930'	-	-	-	" "
Shale & Siltstone	930'	1068'	-	-	-	" "
Shale	1068'	1206'	-	-	-	" "
Pink Rock	1206'	1344'	-	-	-	" "
Shale & Siltstone	1344'	1480'	-	-	-	" "
Clarendon Sand	1480'	1532'	-	-	-	" "
Shale	1532'	1580'	-	-	-	" "
Balltown Sand	1580'	1644'	-	1596'	-	" "
Shale	1644'	1710'	-	-	-	" "
Cherry Grove Sand	1710'	1818'	-	-	-	" "
Shale	1818'	1886'	-	-	-	" "
Cooper Sand	1886'	1943'	-	1891'	-	" "
Shale	1943'	2000'	-	-	-	" "
Log T.O.		2000'				S.L.M.



Pennhills Resources Proposed Wells:	WT 1072 11	41.63941912	-79.02529228
	WT 1072 12	41.63796584	-79.02520306
	WT 1072 13	41.63675419	-79.02520306
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	37-123-31036-00-00	41.63704432	-79.02388499
	37-123-31035-00-00	41.63831277	-79.02402719
	37-123-34648-00-00	41.64039898	-79.02423965
No coal noted on driller's log.			
No coal thickness greater than 28" thick encountered.			
The depth of the Allegheny formation is less than 100' and therefore would be considered to be non-coal due to insufficient overburden.			
No coal noted on driller's logs within 1 sq. mile area.			

37-123-34648-00-00

FORMATIONS						
NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (FRESH OR SALT WATER)	SOURCE OF DATA
Fill, Brown Sand	0'	30'	-	-	-	Driller's Log
Sand & Shale	30'	832'	-	-	143' (Fresh)	" "
Pink Rock, Grey Shale	832'	1475'	-	-	-	Electric Log
Silt & Shale	1475'	1596'	-	-	-	" "
Clarendon	1596'	1617'	-	-	-	" "
Shale	1617'	1648'	-	-	-	" "
Balltown	1648'	1680'	-	-	-	" "
Shale	1680'	1705'	-	-	-	" "
Cherry Grove	1705'	1779'	-	-	-	" "
Shale	1779'	1815'	-	-	-	" "
Tiona	1815'	1843'	-	-	-	" "
Shale	1843'	1882'	-	-	-	" "
Cooper	1882'	1935'	-	-	-	" "
Shale	1935'	1984' 4"	-	-	-	" "
Log T.U. @ 1984' 4"						

