



---

west virginia department of environmental protection

---

Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Thursday, June 6, 2024

WELL WORK PLUGGING PERMIT  
Horizontal Plugging

EQT CHAP LLC  
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit approval for NEEHOUSE 1  
47-051-01224-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number:  
Farm Name: NEEHOUSE, LEO & BARBARA  
U.S. WELL NUMBER: 47-051-01224-00-00  
Horizontal Plugging  
Date Issued: 6/6/2024

Promoting a healthy environment.

06/07/2024

# PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

---

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

1) Date April 22, 2024  
2) Operator's  
Well No. Neehouse #1  
3) API Well No. 47-051 - 01224

RECEIVED  
Office Of Oil and Gas

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APR 25 2024

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

WV Department of  
Environmental Protection

4) Well Type: Oil \_\_\_ / Gas X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 1,219' Watershed Wolf Run of Wheeling Creek  
District Webster County Marshall Quadrangle Majorsville 7.5'

6) Well Operator EQT Chap LLC Designated Agent Joseph C. Mallow  
Address 400 Woodcliff Drive Address 427 Midstate Drive  
Canonsburg PA 15317 Clarksburg, WV 26301

8) Oil and Gas Inspector to be notified  
Name Strader Gower  
Address 2525 West Alexander Rd  
Valley Grove, WV 26060

9) Plugging Contractor  
Name R&J  
Address 1087 Raccoon Road  
Hueysville, KY 41640

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See Attachment for details and procedures.**

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Strader Gower Date 04/22/2024

06/07/2024

Neehouse 1H  
Marshall Co., WV  
HZ Marcellus well  
API # 47-051-01224

DATE: 06/05/2024

**CURRENT STATUS: (All Depths Based off GL)**

13-3/8" surface @ 1,163' Cemented to Surface  
9-5/8" intermediate casing @ 2,486' Cemented to Surface  
5-1/2" production casing @ 8,577

Total Depth: 8,640'  
TVD: 6,676.6'  
Well is currently Shut-in  
Production Casing: 0 psi  
Production Annulus: 0 psi  
Intermediate Annulus: 0 psi

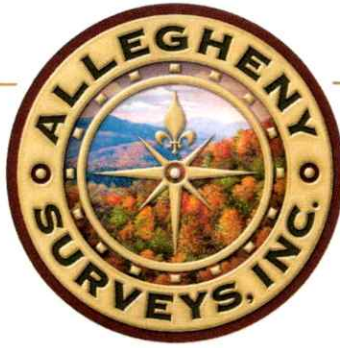
Elevation: 1,219'  
Water: N/A  
Coal: N/A  
Brine Water: N/A  
Oil: NA  
Gas: N/A

Marcellus – 6,567' – 6,704'  
Onondaga – 6,704' – 6,789'

1. Notify Inspectors Strader Gower (304) 993 6188 [strader.c.gower@wv.gov](mailto:strader.c.gower@wv.gov) prior to beginning operations.
2. Check and record pressure on all casing, notify engineer of recorded pressure.
3. Rig up wireline lubricator, RIH w/ gauge ring to 6,500' if good, run wireline set a CIBP @6,500' MD above the Marcellus. Set CIBP. If unable to get to set depth, EQT office will call DEP to discuss options.
4. POOH w/ wireline and load well with fresh water if not full. Do not exceed 5,000psi Hydrostatic pressure plus surface pressure together. Ensure leak-off is not more than 10% in thirty minutes.
5. RIH and set second CIBP 10' above the first @6,490' MD
6. RIH with segmented bond log and pull log from CIBP to surface. Share results with EQT and DEP reps.
7. TIH w/ tubing to top CIBP @ 6,490', Pump 6% gel from 6,490' to 2,000', set 500' Class A or Class L cement plug from 6,490' to 5,990' TOOH w/ tubing.
8. If bond log allows it TOOH w/ tubing to 5,000', set 200' Class A or Class L cement plug from 5,000' to 4,800', TOOH w/tubing. Let cement set for 8 hours
9. Contact EQT rep and discuss 5 1/2" casing cut depths. If 5 1/2" csg cut and pull.
10. TIH w/ tubing to 50' inside and 200' outside of 5 1/2" casing cut, cement casing cut w/ Class A or Class L cement plug. Let cement cure for 8 hours.
11. TIH w/ tubing to 2,686', set 400' Class A or Class L cement plug from 2,686' to 2,286'.
12. TIH w/ tubing to 1,300', set 300' Class A or Class L cement plug from 1,300' to 1,100'.
13. TIH w/ tubing to 400', set 400' Class A or Class L cement plug from 400' to surface
14. Remove any surface wellhead equipment.
15. Install 6" or greater monument w/ EQT – API number – Date plugged 5' above surface per DEP regulation.

*Strader Gower*  
6/05/2024

06/07/2024



RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

**Site Pictures**  
**Neehouse #1**  
**47-051-01224**



**Neehouse Well Pad Site**



**Neehouse Well Pad Site**

**BIRCH RIVER OFFICE**

237 Birch River Road  
Birch River, WV 26610

phone: 304-649-8606 fax: 304-649-8608

**BRIDGEPORT OFFICE**

172 Thompson Drive  
Bridgeport, WV 26330

phone: 304-848-5035 fax: 304-848-5037

**CHARLESTON OFFICE**

301 RHL Boulevard - Suite 5  
Charleston, WV 25309

phone: 304-756-2949 fax: 304-756-2948



**Neehouse Well Pad Site**



**Neehouse Well Pad Site**

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

CR

WR-35

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 02/09/2010  
API#: 4705101224

RECEIVED  
Office Of Oil and Gas

APR 25 2024

*Tab  
Feb 17/10*

WV Department of Environmental Protection

Farm Name: Neehouse  
Location Elev. (ft): 1219  
District: Washington

Operator Well #: 1H  
Quadrangle: Moundsville  
County: Marshall

LAT: 14375 Ft South of: 39 Deg. 57 Min. 30 Sec.  
LON: 8925 Ft West of: 80 Deg. 32 Min. 30 Sec.

Company: AB RESOURCES  
Address: 6802 W Snowville Rd. Suite E  
Brecksville, OH 44141  
Agent: CT CORPORATION SERVICES  
Inspector: TRISTAN JENKINS  
Date Permit Issued: 1/13/2009  
Date Work Commenced: 2/22/2009  
Date Well Completed: NA  
Verbal Plugging: NA  
Date Perm. Granted: NA  
Drill Type:  ROTARY  
 CABLE  
 RIG  
Total Depth (ft): 8640 TD / 6876 TVD  
Fresh Water Depth (ft): NA  
Salt Water Depth (ft): NA  
Active Coal Mining:  YES  NO  UNKNOWN  
Coal Depth (ft): NA

Csg/Tbg Diam"	Used in Drilling	Left in Well	Cement Fill (ft)
13 <sup>3/8</sup>	1163	1163	1066
9 <sup>5/8</sup>	2488	2488	650 circ
6 <sup>1/2</sup>	8577	8577	2286

RECEIVED  
Office of Oil & Gas  
FEB 16 2010

WV Department of Environmental Protection

OPEN FLOW DATA

1<sup>st</sup> PRODUCING FORMATION: Marcellus PAY ZONE DEPTH (ft): 6512  
GAS: Init. Open Flow: NA MCF/d OIL: Init. Open Flow: NA Bbl/d  
Final Open Flow: NA MCF/d Final Open Flow: NA Bbl/d  
Time of open flow between initial and final tests: NA Hours  
(surface pressure) after NA Hours  
ROCK Static Pressure: NA psig  
2<sup>nd</sup> PRODUCING FORMATION: NA PAY ZONE DEPTH (ft): NA  
GAS: Init. Open Flow: NA MCF/d OIL: Init. Open Flow: NA Bbl/d  
Final Open Flow: NA MCF/d Final Open Flow: NA Bbl/d  
Time of open flow between initial and final tests: NA Hours  
(surface pressure) after NA Hours  
ROCK Static Pressure: NA psig

Company Name: AB Resources  
Signature: *Jim K. Wilson*  
Name (PRINT): Jim K. Wilson  
Date: 2/9/10

Submit to:  
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57th Street, SE  
Charleston, WV 25304-2345  
Phone: (304) 636-6450  
Fax: (304) 626-0452

06/07/2024

**Well Name: Neehouse # 1H**

**API #: 4705101224**

RECEIVED  
Office Of Oil and Gas

APR 25 2024

Perforated Intervals:	
Interval (ft):	# Holes:
6840-8527	420

WV Department of  
Environmental Protection

**Stimulation:**

TYPE USED: Sand & Water				
Number Units	Units: lbs/Sx/Bbls	Mesh:	Type:	Notes:
941,687	Lbs	100	SD	
1,287,407	Lbs	40/70	SD	
174,830	Bbls	NA	FW	

**Well Log**

Surface: 1219' GL

Formations Encountered	Top Depth (ft):	Bot Depth (ft):	Notes:
No Data	0	74	
Allegheny	74	429	
Salt Sand	429	1203	
Pennington	1203	1382	
Maxton	1382	1600	
Big Injun	1600	2078	
Squaw	2078	2204	
Borden	2204	2357	
Berea	2357	2386	
Gordon	2386	2434	
Upper Devonian Shale	2434	6495	
Genesee	6495	6513	
Hamilton	6513	6567	
Marcellus	6567	6704	
Onondaga	6704	6789	
TD (pilot)	6789		



WW-4A  
Revised 6-07

APR 25 2024

WV Department of  
Environmental Protection

1) Date: April 22, 2024  
2) Operator's Well Number  
Neehouse #1 \_\_\_\_\_  
3) API Well No.: 47 - 051 - 01224

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

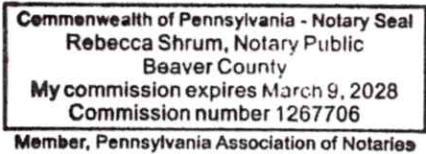
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name _____
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
6) Inspector <u>Strader Gower</u>	(c) Coal Lessee with Declaration
Address <u>2525 West Alexander Rd</u>	Name _____
<u>Valley Grove, WV 26060</u>	Address _____
Telephone <u>304-993-6188</u>	_____

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief



Well Operator EQT Production Company  
 By: Todd Klaner  
 Its: Director - Permitting  
 Address 400 Woodcliff Drive  
Canonsburg PA 15317  
 Telephone (724) 746-9023

Subscribed and sworn before me this 22nd day of April, 2024  
*Rebecca Shrum* Notary Public

My Commission Expires March 9, 2028

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

06/07/2024

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

**Neehouse #1  
WW-4A Attachment**

**Surface and Access Road Owner(s):**

Leo W. Neehouse  
38 Hidden Hollow Ln.  
Cameron, WV 26033

**Coal Owner(s):**

*Western Portion of property:*

Consol RCPC LLC  
275 Technology Drive, Suite 101  
Canonsburg, PA 15317

Ohio County Coal Resources INC.  
46226 National Rd.  
Saint Clairsville, OH 43950

*Eastern Portion:*

Corrhein Coal Company  
275 Technology Dr. Suite 101  
Canonsburg, PA 15317

Consol Thermal Holdings LLC  
275 Technology Drive, Suite 101  
Canonsburg, PA 15317

06/07/2024

9589 0710 5270 1559 3335 09

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee  
\$ 4.40

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

Return Receipt (hardcopy) \$ 3.65

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
\$ 2.35

Total Postage and Fees  
\$ 10.40

Sent To  
Street and Apt. No.  
City, State, ZIP+4®

PS Form 3800, January 2019

Postmark Here  
RIVERVIEW WV 26610  
APR 25 2024

RECEIVED  
Office Of Oil and Gas  
APR 25 2024  
WV Department of  
Environmental Protection

LEO W. NEEHOUSE  
38 HIDDEN HOLLOW LN.  
CAMERON, WV 26033  
304-23 NEEHOUSE - WV-4A NOTIFICATIONS

9589 0710 5270 1559 3335 16

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee  
\$ 4.40

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

Return Receipt (hardcopy) \$ 3.65

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
\$ 2.35

Total Postage and Fees  
\$ 10.40

Sent To  
Street and Apt. No.  
City, State, ZIP+4®

PS Form 3800, January 2019

Postmark Here  
RIVERVIEW WV 26610  
APR 25 2024

CONSOL RCPC LLC  
275 TECHNOLOGY DRIVE, SUITE 101  
CANONSBURG, PA 15317  
304-23 NEEHOUSE - WV-4A NOTIFICATIONS

9589 0710 5270 1559 3335 23

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee  
\$ 4.40

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

Return Receipt (hardcopy) \$ 3.65

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
\$ 2.35

Total Postage and Fees  
\$ 10.40

Sent To  
Street and Apt. No.  
City, State, ZIP+4®

PS Form 3800, January 2019

Postmark Here  
RIVERVIEW WV 26610  
APR 26 2024

OHIO COUNTY COAL RESOURCES INC.  
46226 NATIONAL RD.  
SAINT CLAIRSVILLE, OH 43950  
304-23 NEEHOUSE - WV-4A NOTIFICATIONS

9589 0710 5270 1559 3335 30

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee  
\$ 4.40

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

Return Receipt (hardcopy) \$ 3.65

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
\$ 2.35

Total Postage and Fees  
\$ 10.40

Sent To  
Street and Apt. No.  
City, State, ZIP+4®

PS Form 3800, January 2019

Postmark Here  
RIVERVIEW WV 26610  
APR 27 2024

CONRHEIN COAL COMPANY  
275 TECHNOLOGY DR. SUITE 101  
CANONSBURG, PA 15317  
304-23 NEEHOUSE - WV-4A NOTIFICATIONS

9589 0710 5270 1559 3335 47

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee  
\$ 4.40

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

Return Receipt (hardcopy) \$ 3.65

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage  
\$ 2.35

Total Postage and Fees  
\$ 10.40

Sent To  
Street and Apt. No.  
City, State, ZIP+4®

PS Form 3800, January 2019

Postmark Here  
RIVERVIEW WV 26610  
APR 27 2024

CONSOL THERMAL HOLDINGS LLC  
275 TECHNOLOGY DRIVE, SUITE 101  
CANONSBURG, PA 15317  
304-23 NEEHOUSE - WV-4A NOTIFICATIONS

06/07/2024

**SURFACE OWNER WAIVER**

APR 25 2024

Operator's Well  
Number

Neehouse #1

WV Department of  
Environmental Protection

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,  
ETC.

_____	Date _____	Name _____	_____
Signature		By	_____
		Its	_____
			Date _____
		Signature	06/07/2024
			Date

WW-4B

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

API No. 47-051-01224

Farm Name Neehouse

Well No. Neehouse #1

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator \_\_\_\_\_/ owner \_\_\_\_\_/ lessee \_\_\_\_\_/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_

By: \_\_\_\_\_

Its \_\_\_\_\_

06/07/2024



RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

April 19, 2024

Mr. Taylor Brewer  
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304

Re: Class L Cement Variance Request  
Neehouse #1 Well  
Permit Number 47-051-01224  
Webster District, Marshall County

Dear Mr. Brewer,

EQT Production Company (EQT) has been notified by our cement providers that they will no longer be providing Class A cement. As a result of this, EQT is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs.

The variance request from Legislative Rule 35CSR4 Section 11.5, related to the use of Class L Cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Zavatchan'.

John Zavatchan  
Project Specialist - Permitting

Enc.

06/07/2024



RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 )  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

### ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.


IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OF THE STATE OF WEST VIRGINIA

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection



James Martin, Chief  
Office of Oil and Gas

06/07/2024



WW-9  
(5/16)

RECEIVED  
Office Of Oil and Gas

APR 25 2024

API Number 47 - 051 - 01224  
Operator's Well No. Neehouse #1

WV Department of  
Environmental Protection

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code 306686

Watershed (HUC 10) Wolf Run of Wheeling Creek Quadrangle Majorsville 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: \_\_\_\_\_

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: \_\_\_\_\_

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. \_\_\_\_\_

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.


I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature 

Company Official (Typed Name) Todd Klaner

Company Official Title Director - Permitting

Subscribed and sworn before me this 22nd day of April, 2024

 Notary Public

My commission expires March 9, 2028

Commonwealth of Pennsylvania - Notary Seal  
Rebecca Shrum, Notary Public  
Beaver County  
My commission expires March 9, 2028  
Commission number 1267706  
Member, Pennsylvania Association of Notaries

06/07/2024

Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

RECEIVED  
Office Of Oil and Gas  
AF  
APR 25 2024  
WV L...  
Env/WV Department of  
Environmental Protection

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W) and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Strader Gower *Strader Gower*

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Oil & Gas Inspector Date: 04/22/2024

Field Reviewed?  Yes  No

**EQT Production Water plan  
Offsite disposals**

**Waste Management - Meadowfill Landfill**

Rt. 2, Box 68 Dawson Drive  
Bridgeport, WV 26330  
304-326-6027  
Permit #SWF-1032-98  
Approval #100785WV

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

**Waste Management - Northwestern Landfill**

512 E. Dry Road  
Parkersburg, WV 26104  
304-428-0602  
Permit #SWF-1025 WV-0109400  
Approval #100833WV

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection

WW-7  
8-30-06

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of  
Environmental Protection



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-051-01224 WELL NO.: Neehouse #1

FARM NAME: Neehouse

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Marshall DISTRICT: Webster

QUADRANGLE: Majorsville 7.5'

SURFACE OWNER: Leo W. Neehouse

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4418858

UTM GPS EASTING: 536471 GPS ELEVATION: 371 m (1219 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_  
Mapping Grade GPS X : Post Processed Differential X  
Real-Time Differential \_\_\_\_\_

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature

AS 5092  
Title

4-25-24  
Date

06/07/2024

Topo Quad: Majorsville 7.5'

Scale: 1" = 2000'

County: Marshall

RECEIVED  
Office Of Oil and Gas

Date: October 12, 2023

District: Webster

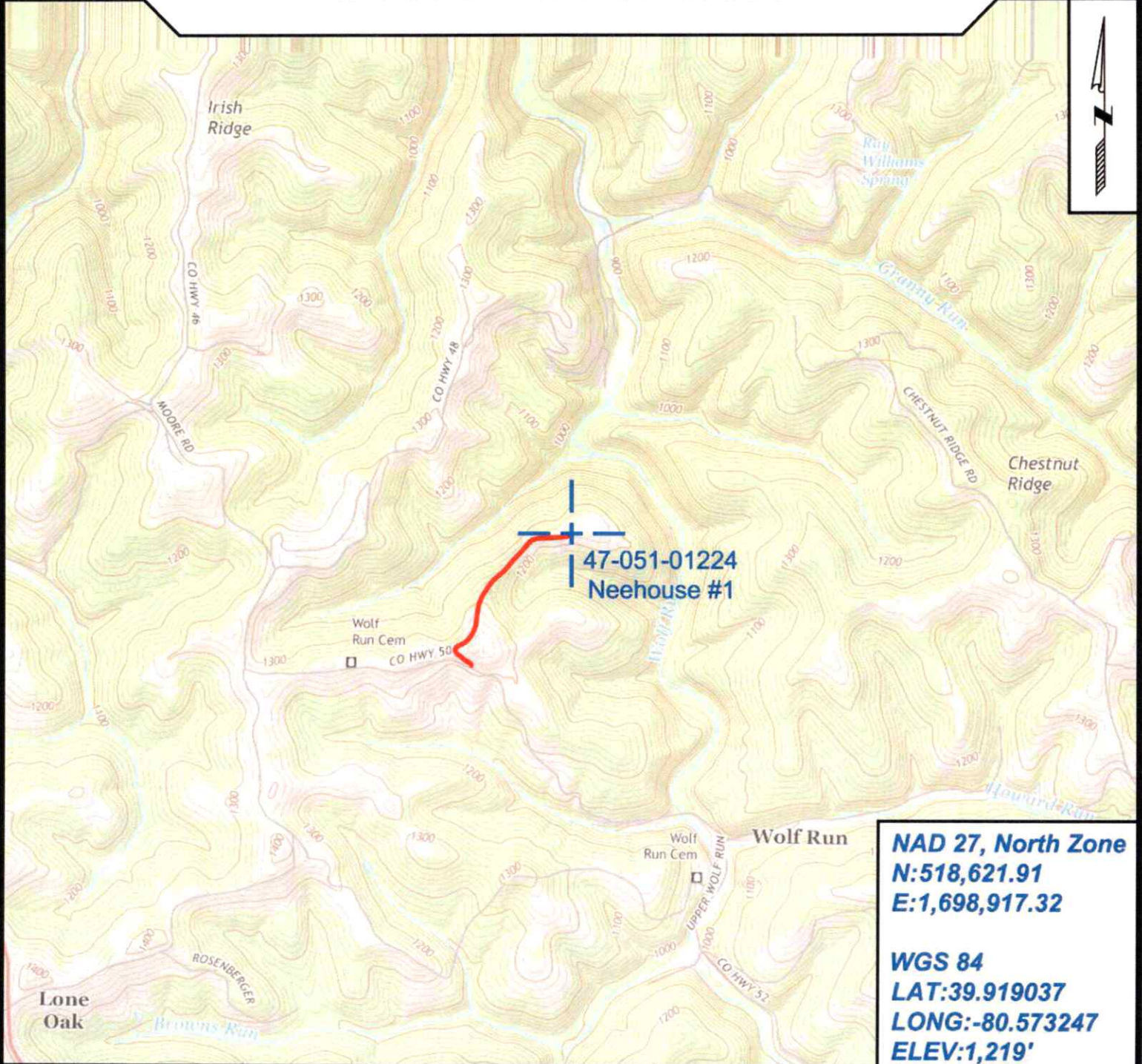
APR 25 2024

Project No: 304-44-W-23

WV Department of  
Environmental Protection

# 47-051-01224 Neehouse #1

Topo



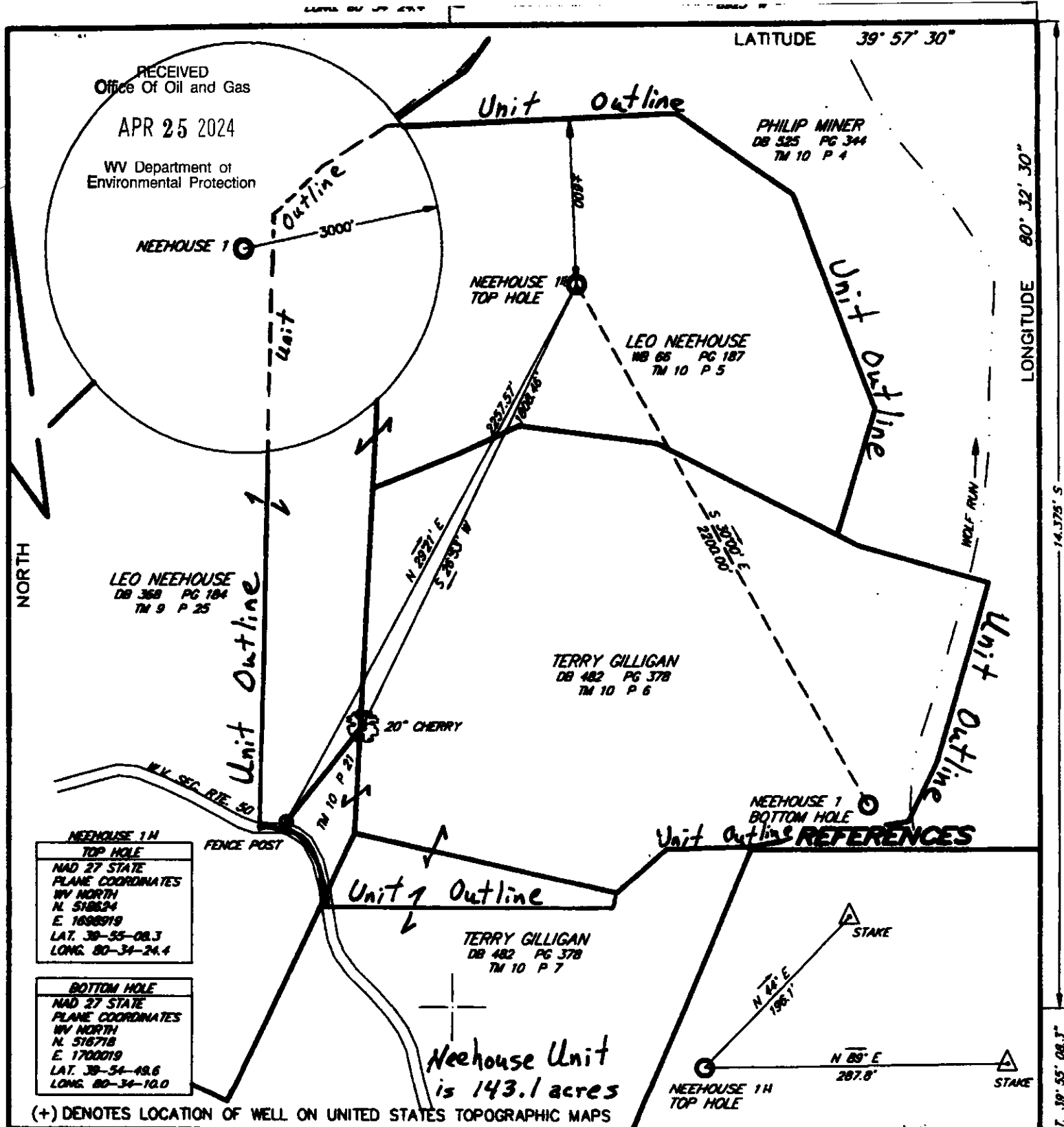
**NAD 27, North Zone**  
**N:518,621.91**  
**E:1,698,917.32**

**WGS 84**  
**LAT:39.919037**  
**LONG:-80.573247**  
**ELEV:1,219'**



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:  
**EQT Production Company**  
 400 Woodcliff Drive  
 Canonsburg, PA 15317  
 06/07/2024



LATITUDE 39° 57' 30"

LONGITUDE 80° 32' 30"

RECEIVED  
Office Of Oil and Gas

APR 25 2024

WV Department of Environmental Protection

PHILIP MINER  
DB 525 PG 344  
TM 10 P 4

NEEHOUSE 1

NEEHOUSE 1H  
TOP HOLE

LEO NEEHOUSE  
NB 66 PG 187  
TM 10 P 5

LEO NEEHOUSE  
DB 368 PG 184  
TM 9 P 25

TERRY GILLIGAN  
DB 482 PG 378  
TM 10 P 6

NEEHOUSE 1H  
BOTTOM HOLE

REFERENCES

NEEHOUSE 1H

**TOP HOLE**  
MAD 27 STATE  
PLANE COORDINATES  
WV NORTH  
N. 518624  
E. 1688919  
LAT. 39-55-08.3  
LONG. 80-34-24.4

**BOTTOM HOLE**

MAD 27 STATE  
PLANE COORDINATES  
WV NORTH  
N. 516718  
E. 1700019  
LAT. 39-54-49.6  
LONG. 80-34-10.0

TERRY GILLIGAN  
DB 482 PG 378  
TM 10 P 7

Neehouse Unit  
is 143.1 acres

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 08024 A  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF  
ACCURACY 1:2500  
PROVEN SOURCE OF  
ELEVATION GPS OBSERVATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION  
(SIGNED) \_\_\_\_\_

R.P.E. \_\_\_\_\_ L.L.S. 1936



**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION**



DATE FEBRUARY 13, 20 09  
OPERATOR'S WELL NO. NEEHOUSE 1H  
API WELL NO. \_\_\_\_\_

47 - 051 - 01224  
STATE COUNTY PERMIT

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS," ) PRODUCTION X STORAGE DEEP X SHALLOW

LOCATION: ELEVATION 1219.2 WATERSHED WOLF RUN  
DISTRICT WEBSTER COUNTY MARSHALL  
QUADRANGLE MAJORSVILLE 7.5'

SURFACE OWNER LEO NEEHOUSE ACREAGE 46  
OIL & GAS ROYALTY OWNER LEO NEEHOUSE LEASE ACREAGE 46.13  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW  
FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR A B RESOURCES PA LLC DESIGNATED AGENT CT Corporation System  
ADDRESS 7000 EDGERTON ROAD SUITE 102 ADDRESS 707 Virginia Street, East  
BRECKSVILLE, OHIO 44141 Charleston, WV 25301

FORM WW-8

COUNTY NAME  
PERMIT

LAT. 39° 55' 08.3"

14.375' S



400 Woodcliff Dr | Canonsburg, PA 15317  
[www.eqt.com](http://www.eqt.com)

**Via Email**

RECEIVED  
Office Of Oil and Gas

APR 25 2024

April 22, 2024

WV Department of  
Environmental Protection

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
Attn: Jeff McLaughlin  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

**RE:       Application for a Permit to Plug & Abandon  
          Neehouse #1H  
          API 47-051-01224  
          Webster District, Marshall County, WV**

WVDEP Recipient,

Attached is EQT Production Company's application for a permit to plug and abandon for the well referenced above.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our land department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Sincerely,

Becky Shrum  
Project Specialist - Permitting  
[bshrum@eqt.com](mailto:bshrum@eqt.com)  
412-660-0654

06/07/2024