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west virginia department of environmental protection

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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)

Wednesday, August 13, 2025  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

NNE RESOURCES LLC  
707 VIRGINIA STREET EAST, SUITE 1200

CHARLESTON, WV 25301

Re: Permit approval for J. WILDMAN 27  
47-061-01001-00-00

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

A handwritten signature in blue ink, appearing to read "J. A. Martin", is written over the printed name and title.

Operator's Well Number: J. WILDMAN 27  
Farm Name: EDDY, MARK & HARRY  
U.S. WELL NUMBER: 47-061-01001-00-00  
Vertical Plugging  
Date Issued: 8/13/2025

# 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

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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 \_\_\_\_\_, 20\_\_\_\_  
2) Operator's  
Well No. Wildman 27  
3) API Well No. 47-001 - 01001

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1,268' Watershed Monongahela River  
District Clay County Monongalia Quadrangle Blacksville

6) Well Operator NNE Resources LLC 7) Designated Agent Hollie Medley  
Address 707 Virginia St. E., Ste 1200 Address 48 Donley Street, Ste 601  
Charleston, WV 26301 Morgantown, WV 26501

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gayne Knitowski Name TBD  
Address PO Box 108 Address \_\_\_\_\_  
Gorman, WV 26720

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See Attached**

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

Work order approved by inspector Gayne Knitowski Digitally signed by  
Gayne Knitowski Date: 2025.07.21 08:37:39 -04'00' Date 7-21-2025

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**Wildman 27 – Plugging Procedure**  
**Clay District, Monongalia County, WV**  
**API Number: 47-061-01001**

**Introduction**

Approval is requested to perform the initial plugging on Wildman 27 well. Wildman 27 is a vertical shallow well located in Clay District, Monongalia County, WV. The Wildman 27 is not a producing well and it is recommended to be plugged and abandoned.

There are no existing well records for Wildman 27 at the field or state level. Offset wells previously plugged by NNE (DJ Eddy 7, 11, 12, 13, 14, and 16) along with limited information about the Wildman 27 well were used to develop this procedure. The offset wells used were drilled nearby and targeted the same production interval as the Wildman 27 well. As plugging operations commence and new information is obtained, the assumed depths and procedure will be adjusted and communicated to the state inspector.

## INSTRUCTIONS

LATITUDE  $39^{\circ}40'00''$ 

- 1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.  
 2) Designate the location of the well with the symbol(+).



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED

TITLE

DATE JANUARY 17, 1990OPERATORS WELL NO. J. WILDMAN #27API WELL NO. 061-1001

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1220' WATER SHED MONONGAHELA RIVER  
 DISTRICT CLAY 3 COUNTY MONONGALIA  
 QUADRANGLE BLACKSVILLE, WV-PA

SURFACE OWNER MARK & HARRY EDDY ACREAGE 21.42 AC.

OIL & GAS ROYALTY OWNER MARK & HARRY EDDY LEASE ACREAGE 7/10 520 ACS.  
 LEASE NO. \_\_\_\_\_

PRODUCING FORMATION BIG INJUN TOTAL DEPTH 1800'-2400'

WELL OPERATOR MARK & HARRY EDDY DESIGNATED AGENT -

ADDRESS ROUTE 1, BOX 43

ADDRESS -

CORE, WV 26529

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### Well Data

Well records are limited for Wildman 27, however due to the target formation and its vicinity to previous wells plugged by NNE (DJ Eddy 7, 11, 12, 13, 14, and 16), the wellbore is expected to be of similar construction and design. The Wildman 27 was completed in 1990 in Clay District, Monongalia County, WV. It was drilled to the Big Injun formation to a depth between 1,800 ft - 2,400 ft. Below is the anticipated wellbore configuration based on offsets listed above.

#### Offsets Range

| Casing           | Estimated Depth (ft) | Comments                                             |
|------------------|----------------------|------------------------------------------------------|
| Conductor        | 14 - 27              | Based on offsets                                     |
| 10" Casing       | 0, 600 - 765         | Based on offsets                                     |
| 8 1/4" Casing    | 0, 630 - 1,609       | Based on offsets                                     |
| 6 5/8" Casing    | 1457 - 1,799         | Based on offsets                                     |
| 5 3/16" Casing   | 1657 - 1,995         | Based on offsets                                     |
|                  |                      |                                                      |
| Formation        | Estimated Depth (ft) | Comments                                             |
| Pittsburgh Coal  | 684                  | Based on Coal Maps                                   |
| Top of Big Injun | 1,800                | Assumed based on available information               |
| 1st Pay          | --                   | No records, assumed to be around 1,958 ft - 2,145 ft |
| Total Depth      | 1,800 - 2,400        | Assumed based on available information               |

### Capacities

All capacities are estimated and assumed casing sizes based on offset wells due to lack of information on the Wildman 27 wellbore construction.

| Size (in) | Weight (lb/ft) | Capacity (gal/ft) | Capacity (bbls/ft) | Capacity (cu ft/ft) |
|-----------|----------------|-------------------|--------------------|---------------------|
| 10*       | N/A            | 4.192             | 0.0998             | 0.5603              |
| 8-1/4*    | N/A            | 2.738             | 0.0652             | 0.3659              |
| 6-5/8     | 20.0           | 1.536             | 0.0365             | 0.2052              |
| 5-3/16*   | N/A            | 1.038             | 0.0247             | 0.1387              |
| 2-3/8*    | 4.7            | 0.16239           | 0.00387            | 0.02171             |

\* estimates were used to produce the capacity data.

- For the 10" casing, the capacity of a 35.75 lb/ft 10-3/4" casing was used.
- For the 8-1/4" casing, the capacity of a 24 lb/ft 8-5/8" casing was used.
- For the 5-3/16" casing, the capacity of a 13 lb/ft 5-1/2" casing was used.

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### Workover Data

No existing well records for workovers were found for Wildman 27. Based on offset well data from previously plugged wells, it is likely to have perforations in the pay zone over the years.

### Current Day Visual Inspection

The current state of the well is grown over with brush and inaccessible by vehicle. There is minimal surface equipment on location, which includes a wellhead, miscellaneous piping, rods, and other miscellaneous piping/methal lying on the ground.

### Driving Directions

Entrance Location: N 39.6460844, W 80.1399344.

Beginning at Exit 155 on Interstate 79.

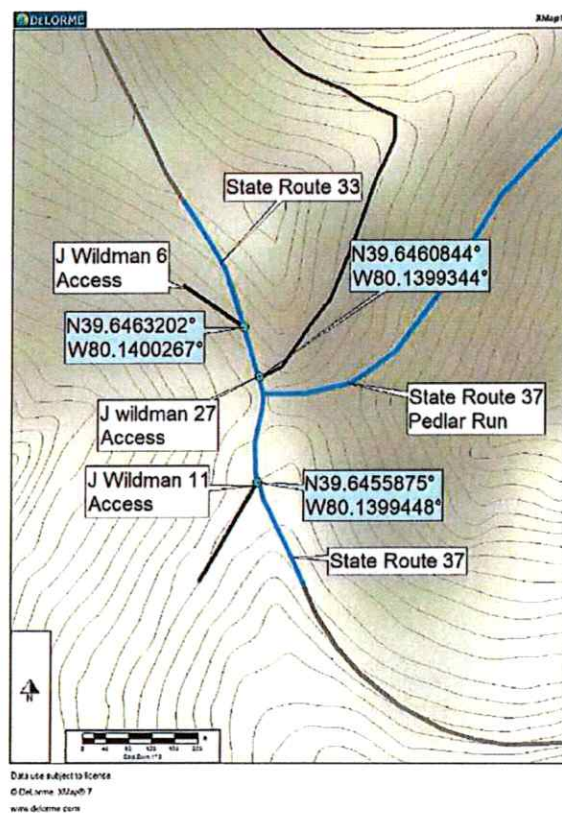
- Travel east on State Route 19/24 (Chaplin Road) for 0.57 miles to the intersection of said State Route 19/24 and US Rt. 19.
- Turn left onto US Rt. 19 and travel north for 1.67 miles to the intersection of said US Rt. 19 and WV Rt. 7 (Mason Dixon Highway).
- Turn left onto said WV Rt. 7 and travel west for 5.15 miles to the intersection of said WV Rt. 7 and State Route 37 (Pedlar Run Road).
- Turn left onto said State Route 37 and travel for 3.16 miles to the intersection of said State Route 37 and State Route 33.
- Turn right onto State Route 33 and travel north for approximately 35 feet to the well access road on the right.

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### *J Wildman 27 Driving Directions*

- **Beginning** at Exit 155 on Interstate 79.
- Travel east on State Route 19/24 (Chaplin Road) for 0.57 miles to the intersection of said State Route 19/24 and US Rt. 19.
- Turn left onto US Rt. 19 and travel north for 1.67 miles to the intersection of said US Rt. 19 and WV Rt. 7 (Mason Dixon Highway).
- Turn left onto said WV Rt. 7 and travel west for 5.15 miles to the intersection of said WV Rt. 7 and State Route 37 (Pedlar Run Road).
- Turn left onto said State Route 37 and travel for 3.16 miles to the intersection of said State Route 37 and State Route 33.
- Turn right onto State Route 33 and travel north for approximately 35 feet to the well access road on the right @ N 39.6460844, W 80.1399344.



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**General Plugging Procedure:**

1. Wellsite safety meetings will be held before each task to ensure safety through the P&A process.
2. Ensure all E&S controls, access road, and rig pad are in place.
3. Keep a daily P&A report showing all activity, casing/tubing pulled, and record any cement pumped.
4. Move in and rig up (MIRU) construction equipment and remove existing surface equipment and prepare location for service rig.
5. Move in service rig & equipment.
6. Trip out of hole (TOOH) with any rods and/or production tubing.
7. Trip in hole (TIH) with workstring and confirm bottom, which is expected at ~2,100 ft.
8. TOH with workstring and R/U wireline.
9. Run in hole (RIH) with caliper log to determine 5-3/16" casing depth.
10. TIH with workstring and pump a gel spacer and enough class A or L cement to cover from TD to above the 5-3/16" casing shoe and/or any perforations found from logs.
11. Wait on cement (WOC).
12. TIH to confirm top of cement and record. Set additional plug(s) if needed.
  - a. If the second attempt fails to take cement, contact NNE Engineer and WV State Inspector for plans to set a CIBP prior to next cement plug.
13. Locate free point, cut casing, and pull as much of the 5-3/16" and 6-5/8" casing as possible that is found in wellbore.
  - a. Required to pull minimum of 150% of estimated casing string weight.
  - b. If the free point is above elevation, set cement plug across elevation prior to pulling casing.
  - c. RIH and confirm coal and freshwater depths in 6-5/8" casing.
  - d. Pump gel spacer between plugs and set minimum 100 ft cement plugs across elevation, all casing cuts and any perforations made in the casing. Confirm cement tops and set additional plugs as necessary.
14. Confirm no additional 8" or 10" casing is in the hole.
  - a. If additional casing is found in hole, consult with NNE Engineer and WV State Inspector on recovery of pipe.
15. TIH and set expandable cement over the coal seams. Pump class A or class L cement and displace the cement plug. Ensure gel spacer between plugs.
16. Wait on cement (WOC).
17. TIH to confirm cement top and record depth. Set additional plugs as needed.
  - a. Top of cement should be above the coal seam.
18. Pump gel spacer and set cement to surface with class A or L cement.

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19. Install a monument to WV state requirements.
  - a. A minimum of 6" diameter metal pipe cemented 10' in the well and reaching 30" above ground level.
  - b. API number welded with a minimum of ½" in height.
20. Rig down and move out equipment and reclaim location to WV State requirements after 70% vegetative growth is observed.
21. Complete and sign the plugging affidavit and provide to NNE Engineer.

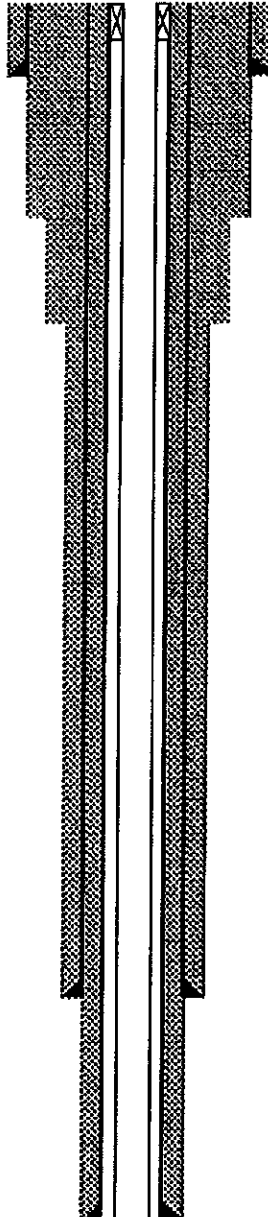
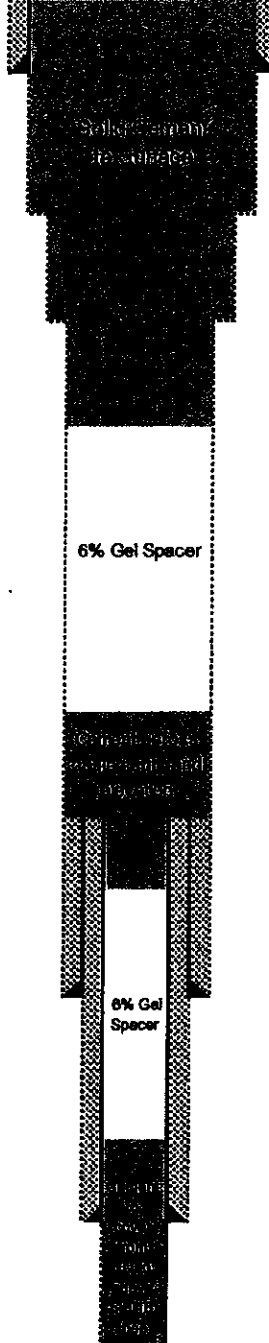
Gayne  
Knitowski

Digitally signed by  
Gayne Knitowski  
Date: 2025.07.21  
08:36:57 -04'00'

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**Wellbore Diagram:**

| EXISTING WELLBORE DIAGRAM                                                          | CASING                                  | TOP<br>TVD (ft) | Comment              | POST PLUGGING WELLBORE<br>DIAGRAM                                                    |
|------------------------------------------------------------------------------------|-----------------------------------------|-----------------|----------------------|--------------------------------------------------------------------------------------|
|  | Conductor                               | 15-26           | Shoe                 |  |
|                                                                                    | 10" Casing<br>(Assumed to be pulled)    |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         | TBD             |                      |                                                                                      |
|                                                                                    | 8-1/4" Casing<br>(Assumed to be pulled) | 674             | Top of PGH Coal      |                                                                                      |
|                                                                                    |                                         | TBD             | Shoe                 |                                                                                      |
|                                                                                    | 6-5/8" Casing                           | 684             | Base of PGH Coal     |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         | 1,220           | Recorded Elevation   |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    | 5-3/16" Casing                          |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         |                 |                      |                                                                                      |
|                                                                                    |                                         | TBD             | Shoe / End of Tubing |                                                                                      |
|                                                                                    | Openhole                                | ~1,800          | Top of Big Injun     |                                                                                      |
|                                                                                    |                                         | ~2,050          | 1st Pay              |                                                                                      |
|                                                                                    |                                         | Unknown         | 2nd Pay              |                                                                                      |
|                                                                                    |                                         | 1,800 - 2,400   | Total Depth          |                                                                                      |

WW-4A  
Revised 6-07

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1) Date: 7-16-25  
2) Operator's Well Number  
Wildman 27  
3) API Well No.: 47 - 061 - 01001

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

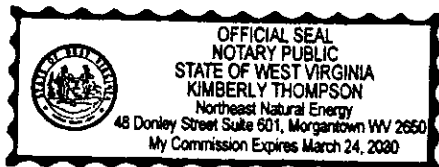
|                                                                |                                                    |
|----------------------------------------------------------------|----------------------------------------------------|
| 4) Surface Owner(s) to be served:                              | 5) (a) Coal Operator                               |
| (a) Name <u>Roy Neil Tennant and Carol Ann Tennant, JTWROS</u> | Name _____                                         |
| Address <u>1202 Pedlar Run Rd</u>                              | Address _____                                      |
| <u>Core, WV 26541</u>                                          |                                                    |
| (b) Name _____                                                 | (b) Coal Owner(s) with Declaration                 |
| Address _____                                                  | Name <u>Monongalia County Coal Resources, Inc.</u> |
|                                                                | Address <u>46226 National Road</u>                 |
|                                                                | <u>St. Clairsville, OH 43950</u>                   |
| (c) Name _____                                                 | Name _____                                         |
| Address _____                                                  | Address _____                                      |
|                                                                |                                                    |
| 6) Inspector <u>Gayne Knitowski</u>                            | (c) Coal Lessee with Declaration                   |
| Address <u>PO Box 108</u>                                      | Name _____                                         |
| <u>Gorman, WV 26720</u>                                        | Address _____                                      |
| Telephone <u>304-546-8171</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 NNE Resources LLC  
By: Hollie Medley *Hollie Medley*  
Its: Regulatory Manager  
Address 707 Virginia St. E., Ste 1200  
Charleston, WV 25301  
Telephone 304-414-7060

Subscribed and sworn before me this 16 day of July, 2025  
*[Signature]* Notary Public  
My Commission Expires March 24, 2030

**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).

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Wildman 27

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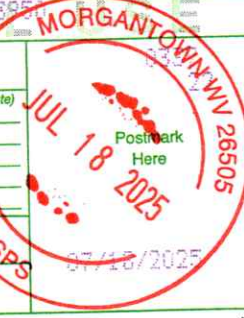
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| Certified Mail Fee \$5.30                                                                       |        |
| Extra Services & Fees (check box, add fee as appropriate)                                       |        |
| <input type="checkbox"/> Return Receipt (hardcopy)                                              | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic)                                            | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery                                     | \$0.00 |
| <input type="checkbox"/> Adult Signature Required                                               | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery                                    | \$0.00 |
| Postage                                                                                         | \$1.36 |
| Total Postage and Fees                                                                          | \$6.66 |
| Sent To: Roy Neil Tennant and Carol Ann Tennant, JTWROS                                         |        |
| Street and Apt.: 1202 Pedlar Run Rd                                                             |        |
| City, State, ZIP+4®: Core, WV 26541                                                             |        |
| PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions                    |        |



9589 0710 5270 0683 9442 30

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| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> . |        |
| Certified Mail Fee \$5.30                                                                       |        |
| Extra Services & Fees (check box, add fee as appropriate)                                       |        |
| <input type="checkbox"/> Return Receipt (hardcopy)                                              | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic)                                            | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery                                     | \$0.00 |
| <input type="checkbox"/> Adult Signature Required                                               | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery                                    | \$0.00 |
| Postage                                                                                         | \$4.14 |
| Total Postage and Fees                                                                          | \$9.44 |
| Sent To: Monongalia County Coal Resources, Inc.                                                 |        |
| Street and Apt. No.: 46226 National Road                                                        |        |
| City, State, ZIP+4®: St. Clairsville, OH 43950                                                  |        |
| PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions                    |        |



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WW-9  
(5/16)

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API Number 47 - 061 \_01001

Operator's Well No. Wildman 27

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

Operator Name NNE Resources LLC OP Code 494511469

Watershed (HUC 10) Monongahela River Quadrangle Blacksville

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 see attached )
- ☒ Reuse (at API Number TBD )
- ☒ Off Site Disposal (Supply form WW-9 for disposal location)
- ☐ Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater/Gel

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? Bentonite

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

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

-Landfill or offsite name/permit number? see attached

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 Hollie Medley

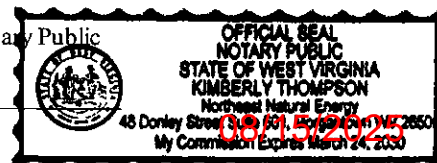
Company Official (Typed Name) Hollie Medley

Company Official Title Regulatory Manager

Subscribed and sworn before me this 16<sup>th</sup> day of July, 2025

My commission expires March 24, 2030

Notary Public



Proposed Revegetation Treatment: Acres Disturbed 2.88 Prevegetation pH \_\_\_\_\_Lime 2 Tons/acre or to correct to pH 7Fertilizer type 19-19-19Fertilizer amount 500 lbs/acreMulch 2 Tons/acreRECEIVED  
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WV Department of  
Environmental ProtectionSeed Mixtures

## Temporary

## Permanent

| Seed Type                 | lbs/acre | Seed Type                 | lbs/acre |
|---------------------------|----------|---------------------------|----------|
| Orchard Grass             | 46       | Orchard Grass             | 46       |
| Red Clover                | 8        | Red Clover                | 8        |
| Tertraploid Perennial Rye | 16       | Tertraploid Perennial Rye | 16       |
| Timothy 15 Annual Rye 15  |          | Timothy 15 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: \_\_\_\_\_

 Gayne  
Knitowski  
Digitally signed by  
Gayne Knitowski  
Date: 2025.07.21  
08:38:26 -04'00'

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

Title: InspectorDate: 7-21-2025

Field Reviewed?

☒ Yes☐ No

08/15/2025

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Attachment A to WW-9

During the Plugging process NNE Resources LLC plans to take the solid waste to disposal at one or more of the following disposal/approved waste facilities, unless listed facilities are no longer approved to accept waste at time of disposal:

- Westmoreland Sanitary Landfill (Noble Environmental) – Belle Vernon, PA (Permit # 100277)
- Chestnut Valley Landfill (Noble Environmental) – McClellandtown, PA (Permit # 100419)
- APEX Environmental, LLC- Amsterdam, OH (Permit # PTI 06-08448)

NNE plans to reuse and recycle all fluid and/or reach out to other operators in the area who may be able to reuse and recycle such fluid. However, in the event that reuse is not obtainable the fluid will be disposed of at one, or multiple, of the following disposal/approved waste facilities unless listed facilities are no longer approved to accept waste at time of disposal:

| UIC Well Name          | Owner/Operator           | API No.       |
|------------------------|--------------------------|---------------|
| K & H Disposal         | Tall Grass               | 47-061-01689  |
| Dennison Disposal Well | Dennison Disposal        | 34-157-2-5507 |
| Nichols                | Select Water             | 34-167-2-3862 |
| Goff                   | Select Water             | 34-119-2-8776 |
| Clearwater 3           | Select Water             | 34-059-2-3986 |
| Bo                     | Select Water             | 34-059-2-4473 |
| Shields                | Select Water             | 34-059-2-4445 |
| Redbird #2             | Redbird Development, LLC | 34-167-2-9731 |
| Redbird #4             | Redbird Development, LLC | 34-167-2-9767 |
| Mills                  | Deep Rock Disposal       | 34-105-2-3619 |
| Dexter City            | Deep Rock Disposal       | 34-121-24037  |
| Ritchie                | Deep Rock Disposal       | 47-085-09721  |

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

Operator Name: NNE Resources LLC  
Watershed (HUC 10): Monongahela River Quad: Blacksville  
Farm Name: Wildman

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

N/A

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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Environmental Protection

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 061 - 01001  
Operator's Well No. Wildman 27

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

N/A

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

Signature: Hallmes

Date: 7-16-25

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July 21, 2025

WV Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

Re: Plugging Permit Applications  
Cordray 4 – 47-061-01750  
Wildman 6 – 47-061-00999  
Wildman 11 – 47-061-01000  
Wildman 27 – 47-061-01001

Dear Permit Reviewer,

Please find enclosed Plugging Permit Applications for NNE Resources Cordray 4, Wildman 6, Wildman 11, and Wildman 27 wells. These wells are located in the Clay District of Monongalia County.

NNE Resources would also like to provide notice that we may use American Petroleum Institute ("API") Class L cement in place of API Class A cement as approved by Order No. 2022-13, attached hereto, on its well plugging.

Should you have any questions please contact me at [rzachwieja@nne-llc.com](mailto:rzachwieja@nne-llc.com).

Sincerely,

A handwritten signature in blue ink that reads 'Becky Zachwieja'.

Becky Zachwieja  
Regulatory & ESG Specialist

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west virginia department of environmental protection

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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.

Promoting a healthy environment.

08/15/2025

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.

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IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief  
Office of Oil and Gas

08/15/2025

**Northeast Natural  
Energy LLC**

Proposed Plugging of  
J WILDMAN 27 (061-01001)  
Clay District  
Monongalia County, WV

TOP HOLE (NAD 83)  
N) 418733.2  
E) 1788563.3  
LAT.) 39°38'52.4"  
LONG.) 80°08'20.5"  
DEC. LAT.) 39.647885  
DEC. LONG.) 80.139031

TOP HOLE (NAD 27)  
N) 418696.1  
E) 1820000.2  
LAT.) 39°38'52.1"  
LONG.) 80°08'21.3"  
DEC. LAT.) 39.647804  
DEC. LONG.) 80.139237

TOP HOLE (UTM NAD 83)  
N) 4389031.2  
E) 573868.7

ROY N. & CAROL A.  
TENNANT  
8.035 TOTAL ACRES  
TAX MAP AND PARCEL  
4-16-76

J. WILDMAN 27  
061-01001

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**Behler**

BLACKSVILLE QUAD.

**NOTES:**

1. PARCEL BOUNDARIES AS SHOWN ON THIS  
PLAT WERE TAKEN FROM DEEDS, TAX MAPS AND  
FIELD EVIDENCE. A FULL BOUNDARY SURVEY FOR  
THESE PARCELS IS NOT EXPRESSED NOR IMPLIED.

BOORD, BENCHEK and ASSOC., INC.  
Engineering, Surveying, Construction,  
and Mining Services  
Southpointe, PA 15317 Phone: 724-746-1055



SCALE 1" = 600'

OCTOBER 25, 2024

08/15/2025

WW-7  
8-30-06

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West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-061-01001 WELL NO.: 27

FARM NAME: Wildman

RESPONSIBLE PARTY NAME: NNE Resources LLC

COUNTY: Monongalia DISTRICT: Clay

QUADRANGLE: Blacksville

SURFACE OWNER: Roy Neil Tennant & Carol Ann Tennant, JTWROS

ROYALTY OWNER: Waco Oil and Gas, Inc., et al.

UTM GPS NORTHING: 4389031.2

UTM GPS EASTING: 573868.7 GPS ELEVATION: 1,268'

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 \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_

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.

Holl Mes  
Signature

Regulatory Manager  
Title

7-16-25  
Date

08/15/2025

7/18/2025

PLUGGING PERMIT CHECKLIST

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Plugging Permit

- ☒ WW-4B
- ☒ WW-4B signed by inspector
- ☒ WW-4A
- ☒ SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ WW-9 PAGE 1 (NOTARIZED)
- N/A ☐ WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- N/A ☐ WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- ☒ RECENT MYLAR PLAT OR WW-7
- ☒ WELL RECORDS/COMPLETION REPORT Plat
- ☒ TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- ☒ MUST HAVE VALID BOND IN OPERATOR'S NAME
- N/A ☐ CHECK FOR \$100 IF PIT IS USED

08/15/2025



TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE WV ONE CALL SYSTEM, INC., 1-800-245-4848 (WV ONE CALL TICKET 2426327649)

OWNER



**northeast**  
NATURAL ENERGY  
NORTHEAST NATURAL ENERGY LLC  
707 VIRGINIA STREET EAST, SUITE1200,  
CHARLESTON, WV 25301

# J WILDMAN 27 CLAY DISTRICT, MONONGALIA COUNTY, WV JULY 2025

PLANS PREPARED BY:

**BOORD BENCHEK & ASSOC., INC.**  
ENGINEERING, SURVEYING, CONSTRUCTION AND MINING SERVICES  
SOUTHPOINTE, PA 15317 PHONE: 724-746-1055

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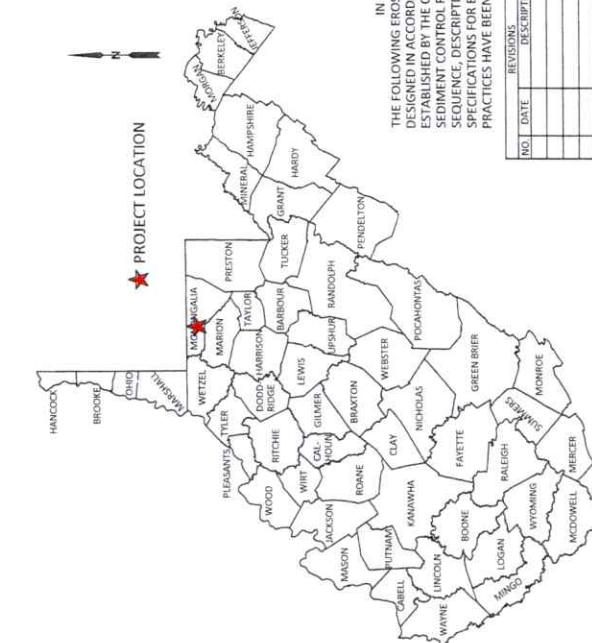


ANDREW BENCHEK  
P.E. DATE

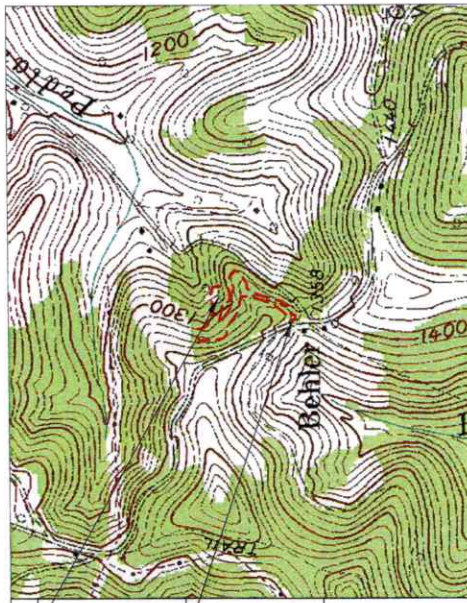
TOTAL DISTURBED AREA: 2.88 AC.  
EXISTING ACCESS ROAD DISTURBED AREA: 2.38 AC.  
J WILDMAN 27 PLUGGING PAD DISTURBED AREA: 0.50 AC.

PROPERTY OWNER DISTURBANCE - 2.88 ACRES

BETTY EDDY (TAX MAP AND PARCEL NUMBER 6-16-79) 0.47 AC.  
ROY N TENNANT & CAROL A TENNANT (TAX MAP AND PARCEL NUMBER 4-16-76) 3.17 AC.  
JASON A HIXENBAUGH & LISA D HIXENBAUGH (TAX MAP AND PARCEL NUMBER 4-16-76-1) 0.24 AC.



| COORDINATES                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CENTER OF WELL<br>(NAD 83)<br>LAT: 39° 38' 52.40"<br>LON: -80° 08' 20.51"<br>LAT: 39.64789°<br>LON: -80.03503°<br>(NAD 27)<br>LAT: 39° 38' 52.11"<br>LON: -80° 08' 21.25" |
| SITE ENTRANCE<br>(NAD 83)<br>LAT: 39° 38' 46.36"<br>LON: -80° 08' 22.96"<br>LAT: 39.64621°<br>LON: -80.13971°<br>(NAD 27)<br>LAT: 39° 38' 45.07"<br>LON: -80° 08' 23.70"  |



SCALE BAR: 1"=1000'



IN ACCORDANCE WITH WV 35 CSR 8  
THE FOLLOWING EROSION & SEDIMENT CONTROL PLAN HAS BEEN  
DESIGNED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES FOR EROSION AND  
ESTABLISHED BY THE CHIEF AND PROPOSED WITH THE CHIEF'S EROSION AND  
SEDIMENT CONTROL PLAN FOR THE GENERAL CONSTRUCTION  
SEQUENCE DESCRIPTION OF STABILIZATION METHODS, AND DETAILS &  
SPECIFICATIONS FOR EROSION & SEDIMENT BEST MANAGEMENT  
PRACTICES HAVE BEEN INCLUDED IN THE PROVIDED DETAIL SHEETS.

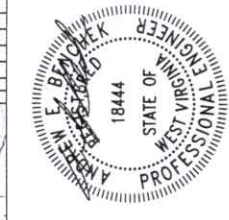
| NO. | DATE | REVISIONS | DESCRIPTION |
|-----|------|-----------|-------------|
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TITLE SHEET

J WILDMAN 27  
CLAY DISTRICT, MONONGALIA COUNTY, WV

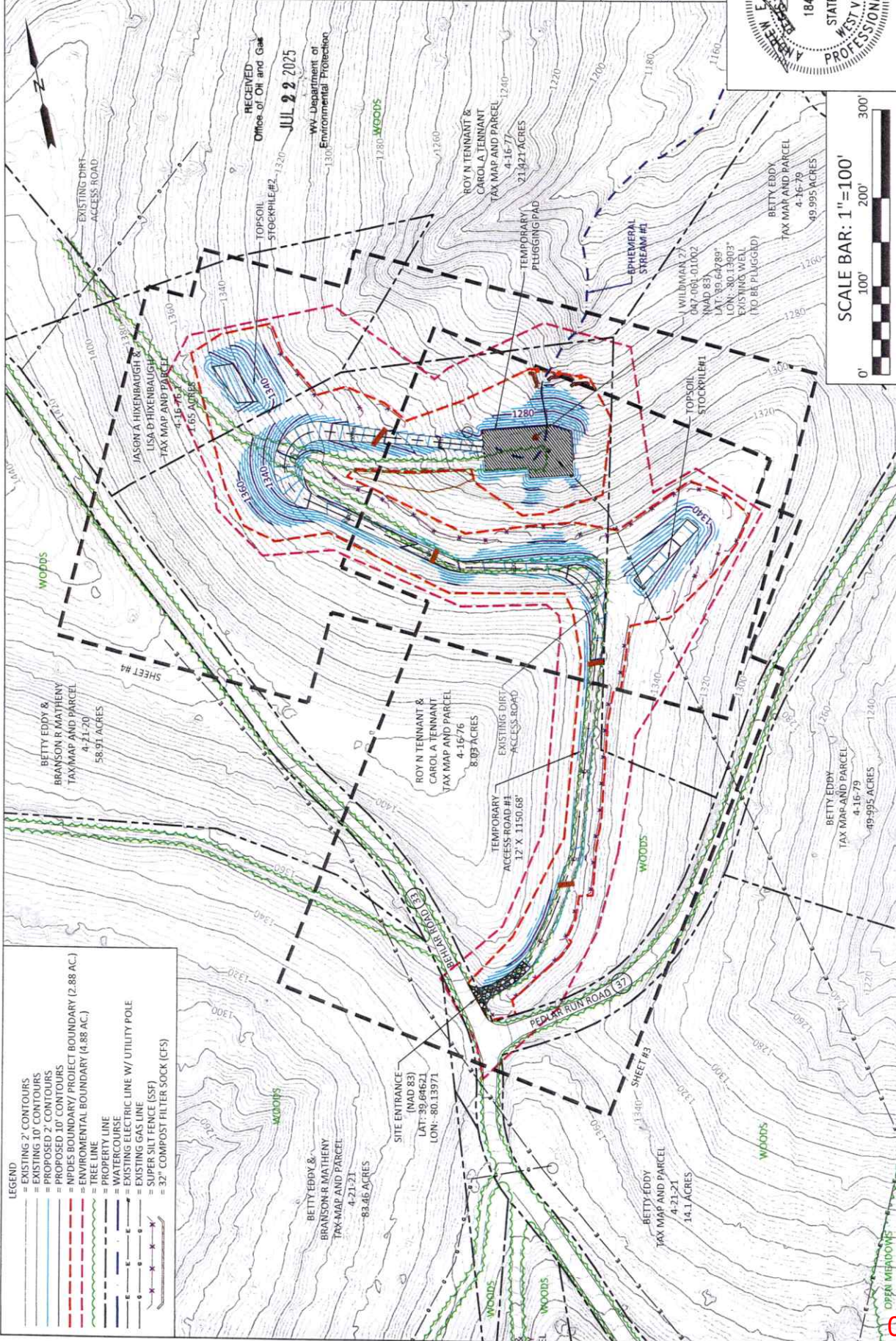
SHEET  
1  
OF  
15

08/15/2025



SCALE BAR: 1"=100'

SHEET 2 OF 15



08/15/2025

- LEGEND**
- = EXISTING 2" CONTOURS
  - = EXISTING 10' CONTOURS
  - = PROPOSED 2" CONTOURS
  - = PROPOSED 10' CONTOURS
  - = NPDES BOUNDARY/ PROJECT BOUNDARY
  - = TREE LINE
  - = EXISTING ELECTRIC LINE W/ UTILITY POLE
  - = PROPERTY LINE
  - = WATERCOURSE
  - = SAFETY FENCE
  - = SUPER SILT FENCE (SSF)
  - = 32" COMPOST FILTER SOCK (CFS)

- GENERAL NOTES FOR WV:**
1. CONTRACTOR TO RELOCATE OVERHEAD/UNDERGROUND UTILITY LINES, AS REQUIRED FOR CLEARANCE.
  2. SEE DETAILS ON SHEET #10 FOR SSF & SHEET #11 FOR TIMBER MAT AIR BRIDGE.
  3. ALL DISTURBED AREAS TO BE SEEDED AND MULCHED SEE DETAIL SHEETS #11-12.
  4. CONTRACTOR TO CHIP ALL BRUSH AND UNMARKETABLE TIMBER AND STUMPS.
  5. CHIP PILES AND TIMBER PILES TO BE REMOVED FROM SITE BY CONTRACTOR PRIOR TO CONSTRUCTION.
  6. BOUNDARIES AS SHOWN TAKEN FROM DEEDS, TAX MAPS, AND FIELD LOCATIONS. A FULL BOUNDARY SURVEY IS NOT EXPRESSED NOR IMPLIED.
  7. CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC CONTROL.
  8. UTILITIES SHOWN ARE BEING PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND ARE BASED OFF OF LIMITED FIELD MARKINGS AND LOCATIONS ARE APPROXIMATE.

**E&S CONTROL AND SITE PLAN**

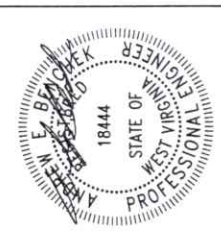
THIS DOCUMENT WAS PREPARED BY:  
BOORD, BENCKEK AND ASSOC., INC.  
FOR: NORTHEAST NATURAL ENERGY LLC

Engineering, Surveying, Construction, and Mining Services  
Southpointe, PA 15317 Phone: 724-746-1055

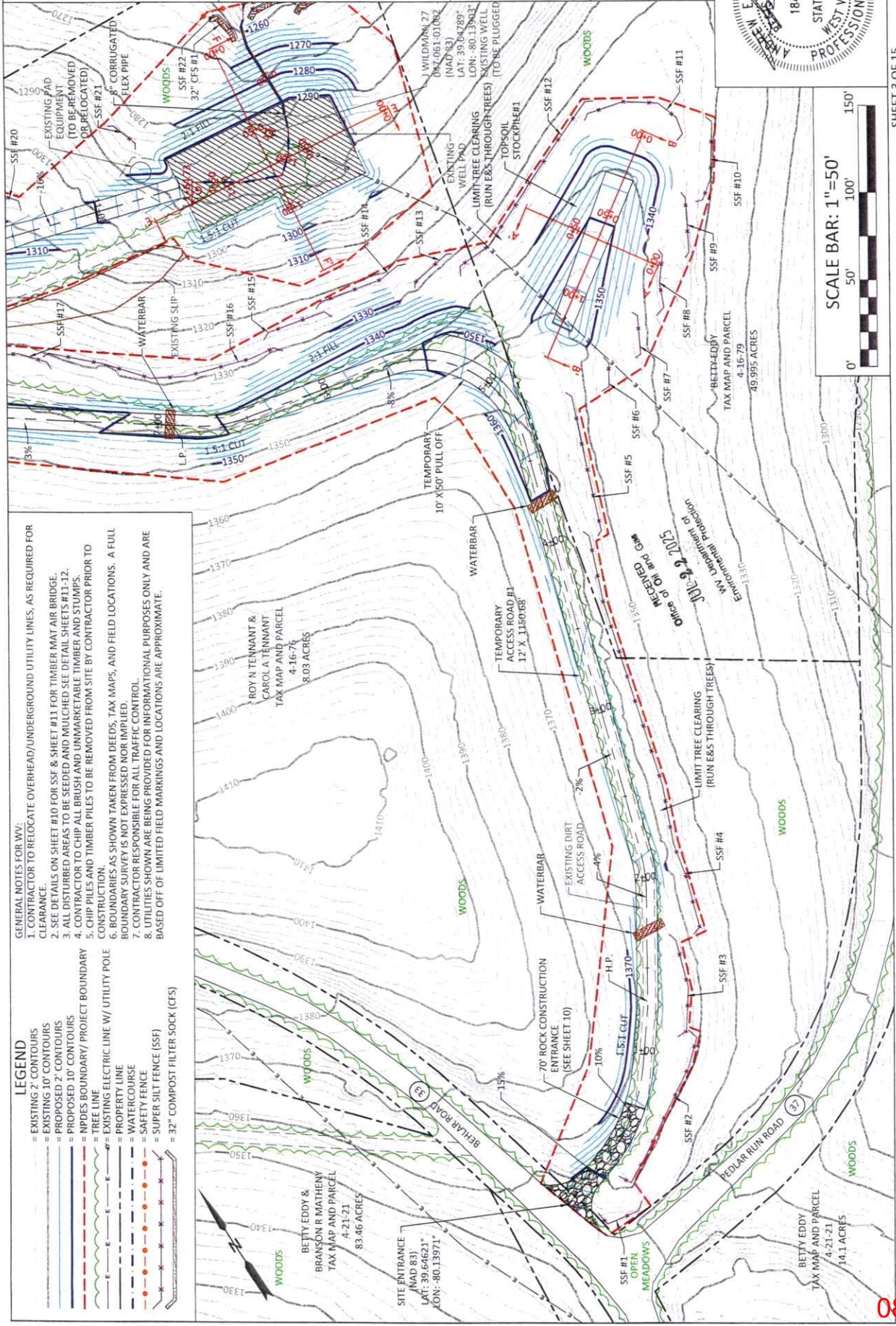
DATE:  
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J WILDMAN 27  
CLAY DISTRICT,  
MONONGALIA  
COUNTY, WV

| REVISIONS |
|-----------|
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SHEET 3 OF 15



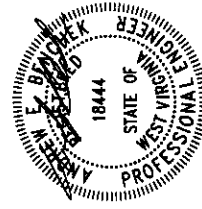
08/15/2025



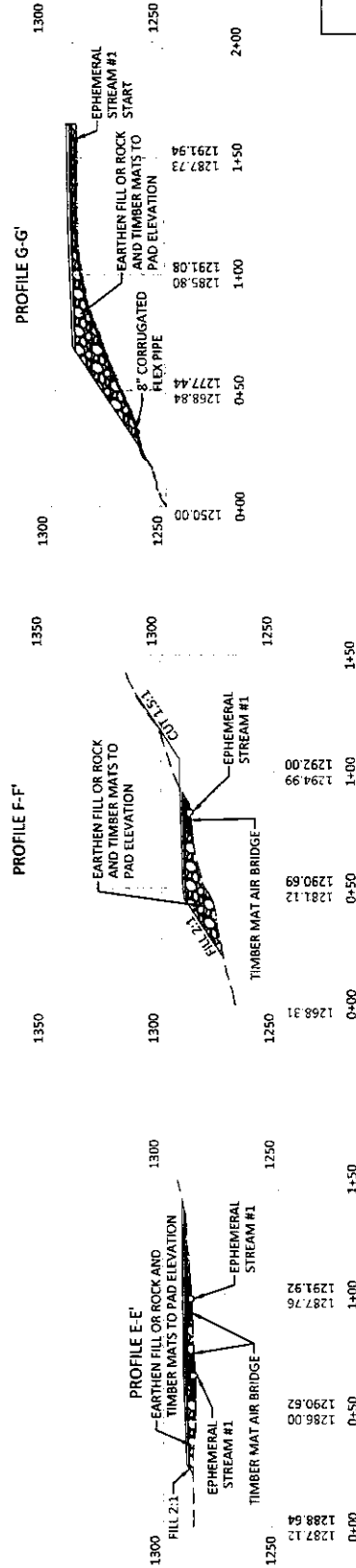
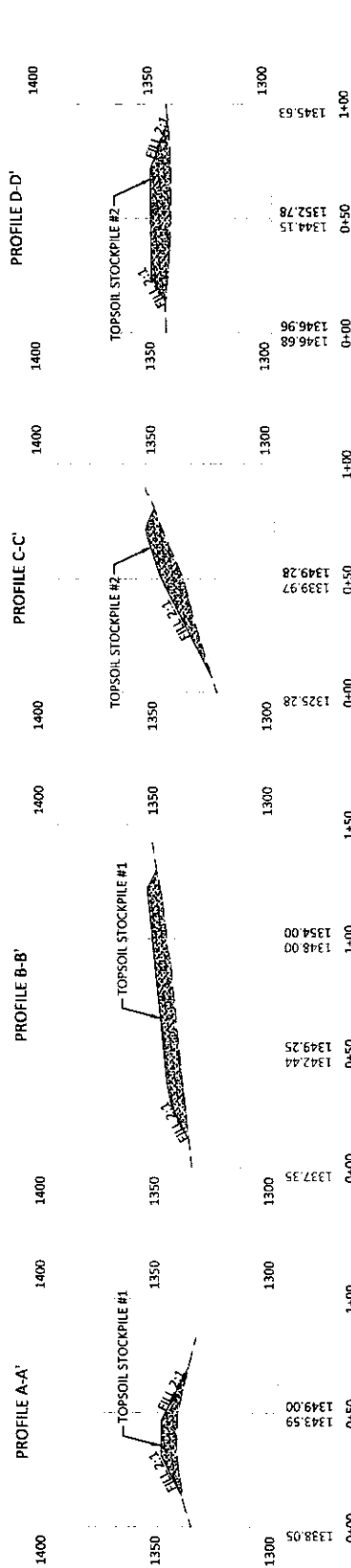
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JULY 2025

## PROFILES

## REVISIONS



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LEGEND  
 --- ORIGINAL GRADE  
 --- PROPOSED GRADE

SCALE BAR: 1"=50'



SHEET 5 OF 15

08/15/2025

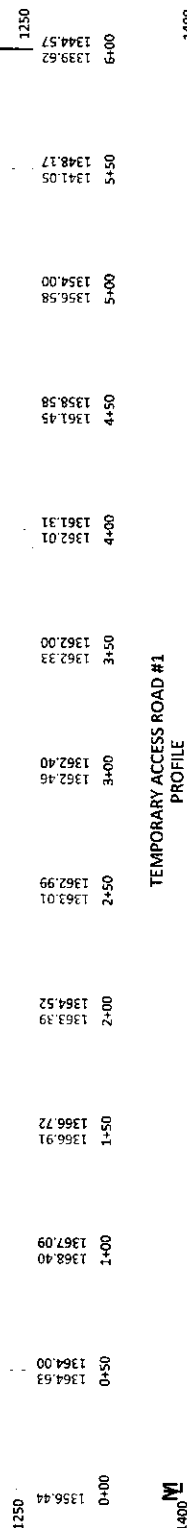
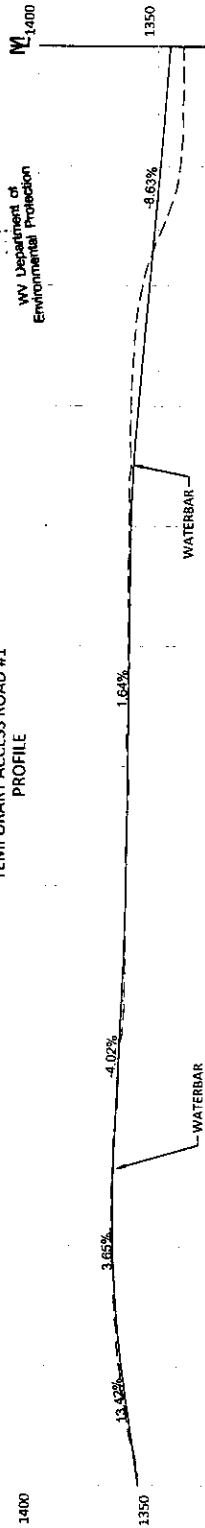
DATE:  
JULY 2025

## PROFILES

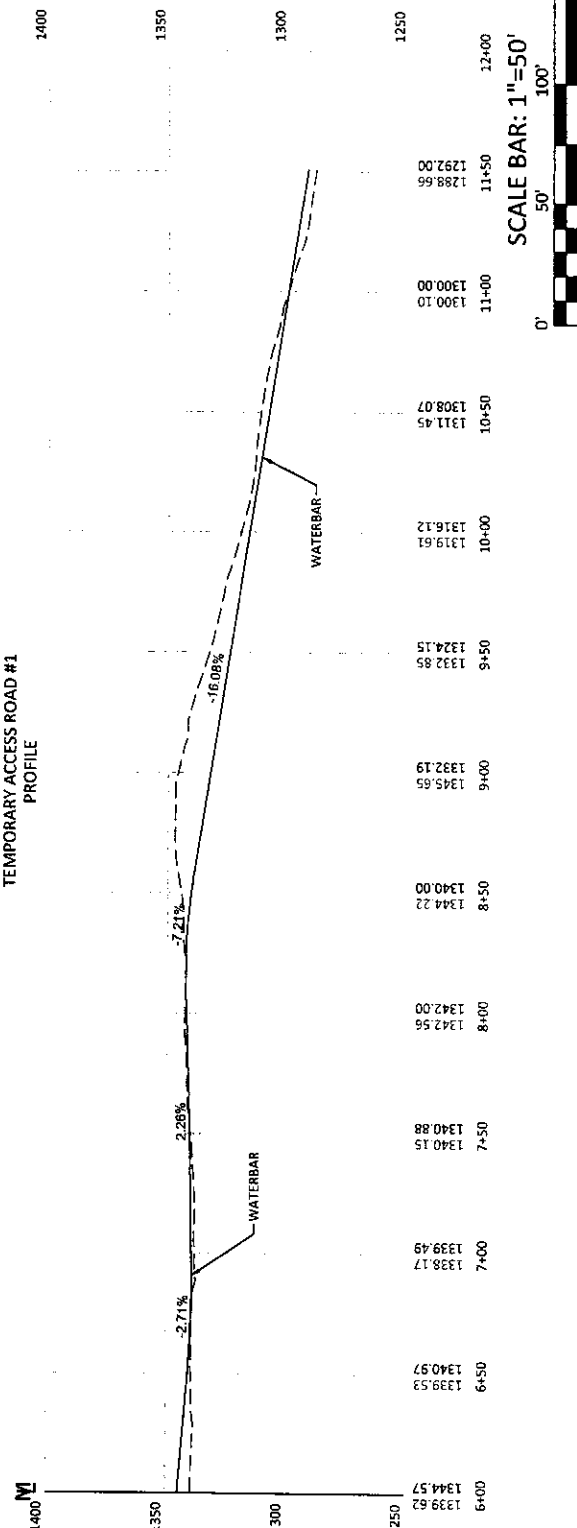
**LEGEND**  
**ORIGINAL GRADE**  
**PROPOSED GRADE**

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# TEMPORARY ACCESS ROAD #1 PROFILE



TEMPORARY ACCESS ROAD #1  
PROFILE



SCALE BAR: 1"=50'



**SHEET 6 OF 15**



08/15/2025

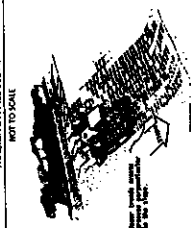
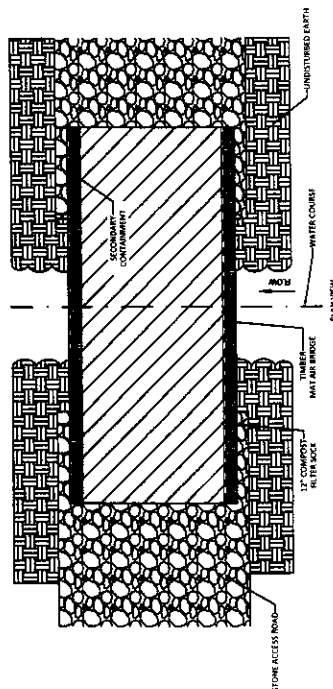
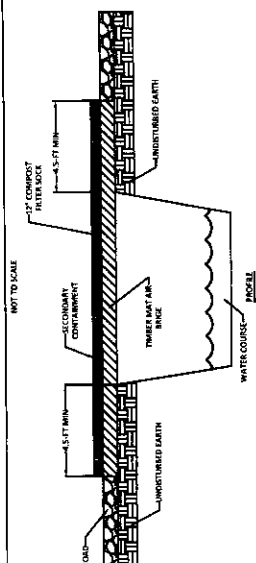


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## DETAILS

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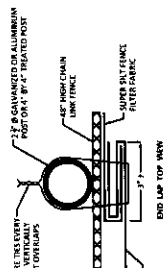
**STANDARD CONSTRUCTION DETAIL**  
**TRACKING A FILL SLOPE**

STANDARD CONSTRUCTION DETAIL  
TIMBER MAT AIR BRIDGE STREAM CROSSING

**NOTES:**  
NO FILL MATERIAL TO BE PLACED UNDER THE TOP OF THE TRIMMER MAT. AIR GAP REQUIRED  
TRIMMER MAT TO BE SITED APPROPRIATELY FOR ANTICIPATED LOAD BY CONTRACTOR.

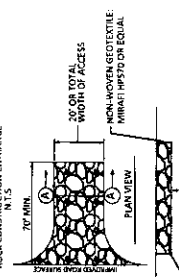
**SUPER SALT FENCE NOTES:**

- CHAINS LIKE FENCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH SECTION 606 OF THE WYOMING CONSTITUTION AND SHALL BE CONSTRUCTED IN ACCORDANCE TO THE CODES WITH MORE THAN ONE STAINLESS STEEL POSTS NOT LESS THAN 6" IN SET IN CONCRETE. THE INTERIOR FENCE SHALL BE FASTENED TO THE CHAIN WITH THE FOLLOWING: 1. THE TOP AND MID SECTION OF FENCE SHALL BE SADDLED 27".
- FENCE AND FENCE PAUL BE SADDLED 27".
1. 6" X 6" MINIMUM OVERLAP SHALL BE PROVIDED WHERE TWO SECTIONS OF FENCE ABUT. THE UNWEIGHTED SECTION SHALL BE FOLDED TOWARD THE CHAIN. THE CHAIN LINE SHALL BE SADDLED TO THE CHAIN LINE POST.
2. 6" X 6" PRESSURE TREATED POSTS MAY BE USED FOR APPROVAL OF THE ENGINEERS.
- THE LENGTH OF SLOPE ABOVE THE FENCE SHALL NOT EXCEED 20 FEET IN STEEP TERRAIN. IN FLATTER AREAS THE FENCE SHALL BE EXTENDED WITH THE APPROVAL OF THE ENGINEERS.



NOTE: NO GEOTECHNICAL ANALYSIS OR SLOPE STABILITY HAS BEEN PERFORMED FOR THIS SITE; THEREFORE, BORD, BENCH, AND ASSOCIATES IS NOT RESPONSIBLE FOR ANY SLOPE FAILURES. CONTRACTOR IS RESPONSIBLE TO CONSTRUCT PROPER TIE BENCH USING NORMAL CONSTRUCTION PRACTICES BASED ON FIELD CONDITIONS.

**STANDARD CONSTRUCTION DETAIL**



ROCK CONSTRUCTION ENTRANCE THICKNESS WILL BE CONSTANTLY MAINTAINED TO SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL WILL BE MAINTAINED ON THE SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL EMBANKMENT DEPOSITED ON PUBLIC ROADWAYS WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.

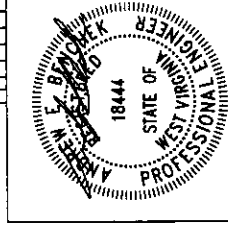
BOORD, BENCHEK and ASSOC., INC.  
Engineering, Surveying, Construction,  
and Mining Services  
Southpaw, PA 15317 Phone: 724-746-1055

THIS DOCUMENT WAS PREPARED BY:  
BOORD, BENCHEK AND ASSOC., INC.  
FOR: NORTHEAST NATURAL ENERGY LLC

# DETAILS

DATE:  
JULY 2025  
J WILDMAN 27  
CLAY DISTRICT,  
MONONGALIA  
COUNTY, WV

REVISIONS



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Environmental Protection

## Construction Sequence

- 1) Install rock construction entrance for 70 feet.
- 2) Install super silt fence #1 - #24 and 32" compost filter sock #1 - #3 (limit tree clearing, run super silt fence through the woods).
- 3) Clear and grub plugging mat areas, temporary staging areas and dirt access road and place topsoil in designated topsoil stockpile areas.
- 4) Construct temporary access road #1 and plugging pad.
- 5) Temporarily place geotextile and stone or mats for plugging pad.
- 6) Plug existing well.
- 7) Seed and mulch all disturbed areas.
- 8) Remove plugging pad, temporary timber mats and all other construction material.
- 9) Remove rock construction entrance and seed and mulch all disturbed areas.
- 10) Keep all erosion and sedimentation controls in place until there is 70% uniform perennial growth over the entire site.

STANDARD CONSTRUCTION DETAIL #35

WATERBARS  
NOT TO SCALE



NOT RECOMMENDED  
FOR ACTIVE ROADS

### NOTES:

- WATERBARS SHALL DISCHARGE TO A STABLE AREA.
- WATERBARS SHALL BE INSPECTED WEEKLY DURING ACTIVE ROADWORK AND AFTER EACH RAINFALL EVENT.
- DAMAGE OR EXPOSED WATERBARS SHALL BE RESTORED TO ORIGINAL DIMENSIONS WITHIN 24 HOURS OF INSPECTION.
- ADDITIONAL WATERBARS SHALL BE PROVIDED UNTIL ROADWAY, SIDEWALK, OR RIGHT-OF-WAY HAS BEEN FULLY STABILIZED.
- WATERBARS ON RETIRED ROADWAYS, SIDEWALKS, AND RIGHT-OF-WAYS SHALL BE LEFT IN PLACE AFTER PERMANENT STABILIZATION HAS BEEN ACHIEVED.
- SEE PA 007 EROSION CONTROL MANUAL TABLE 3.1 FOR WATERBAR SPACING.

# TEMPORARY SEED MIXTURE

| SEED TYPE                 | Lbs/ACRES |
|---------------------------|-----------|
| Orchard Grass             | 46        |
| Red Clover                | 8         |
| Tertraploid Perennial Rye | 16        |
| Timothy                   | 15        |
| Annual Rye                | 15        |

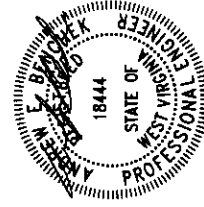
# PERMANENT SEED MIXTURE

| SEED TYPE                 | Lbs/ACRES |
|---------------------------|-----------|
| Orchard Grass             | 46        |
| Red Clover                | 8         |
| Tertraploid Perennial Rye | 16        |
| Timothy                   | 15        |
| Annual Rye                | 15        |

## FERTILIZER

Lime: 2 tons/acre or to the correct pH of 7  
 Fertilizer Type: 19-19-19  
 Fertilizer Amount: 500 lbs/acre  
 Mulch: 2 tons/aces

RECEIVED  
 Office of Oil and Gas  
 JUL 22 2025  
 WV Department of  
 Environmental Protection



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| REVISIONS |
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DATE:  
 JULY 2025  
 J WILDMAN 27  
 CLAY DISTRICT,  
 MONONGALIA  
 COUNTY, WV

THIS DOCUMENT WAS PREPARED BY:  
 BOORD, BENCKEK AND ASSOC., INC.  
 FOR: NORTHEAST NATURAL ENERGY LLC

BOORD, BENCKEK and ASSOC., INC.  
 Engineering, Surveying, Construction,  
 and Mining Services  
 Southport, PA 15317 Phone: 724-746-1055

## DETAILS



- LEGEND**
- = EXISTING 2' CONTOURS
  - - - = EXISTING 10' CONTOURS
  - - - = NPDES BOUNDARY/ PROJECT BOUNDARY
  - - - = TREE LINE
  - - - = PROPERTY LINE
  - - - = WATERCOURSE
  - - - = EXISTING ELECTRIC LINE W/ UTILITY POLE
  - - - = EXISTING GAS LINE

**RECLAMATION GENERAL NOTES:**

1. SITE RESTORATION AND RE-GRADING OF THE SITE SHALL BE DONE AFTER COMPLETION OF ALL PROPOSED PLUGGING ACTIVITIES.
2. 3:1 OR GREATER CUT/FILL SLOPES NEED TO BE STABILIZED WITH SEED AND EROSION CONTROL BLANKET.
3. MAINTAIN ALL STABILIZED VEGETATED SLOPES.

**RECLAMATION SEQUENCE:**

1. INSPECT EXISTING E&S BMP'S IN ACCORDANCE WITH MAINTENANCE AND INSPECTION PROCEDURES AS OUTLINED IN E&S CONTROL AND SITE PLAN. REPAIR & REPLACE AS NEEDED.
2. RECLAIM SITE AS PER RECLAMATION PLAN.
3. SEED AND MULCH ALL DISTURBED AREAS.
4. DO NOT REMOVE E&S BMP'S UNTIL 70% GROWTH IS ACHIEVED.
5. IF DISTURBANCE OCCURS DURING REMOVAL OF E&S BMP'S IMMEDIATELY SEED AND MULCH DISTURBED AREAS.

\*PLACE STRUCTURAL SOIL FILL IN 9 INCH LOOSE LIFTS. COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.

**RECLAMATION PLAN**

THIS DOCUMENT WAS PREPARED BY:  
BOORD, BENCHEK AND ASSOC., INC.  
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:  
JULY 2025

J WILDMAN 27  
CLAY DISTRICT,  
MONONGALIA  
COUNTY, WV

REVISIONS



SCALE BAR: 1"=50'

0' 50' 100' 150'

SHEET 14 OF 15

08/15/2025

# LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- NPDES BOUNDARY/ PROJECT BOUNDARY
- TREE LINE
- PROPERTY LINE
- WATERCOURSE
- EXISTING ELECTRIC LINE W/ UTILITY POLE
- EXISTING GAS LINE

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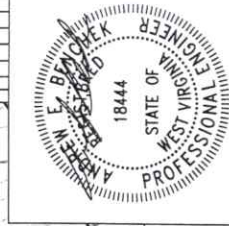
# RECLAMATION PLAN

BOARD, BENCHEK and ASSOC., INC.  
Engineering, Surveying, Construction,  
and Mining Services  
Southpointe, PA 15317 Phone: 724-746-1055

THIS DOCUMENT WAS PREPARED BY:  
BOARD, BENCHEK AND ASSOC., INC.  
FOR: NORTHEAST NATURAL ENERGY LLC

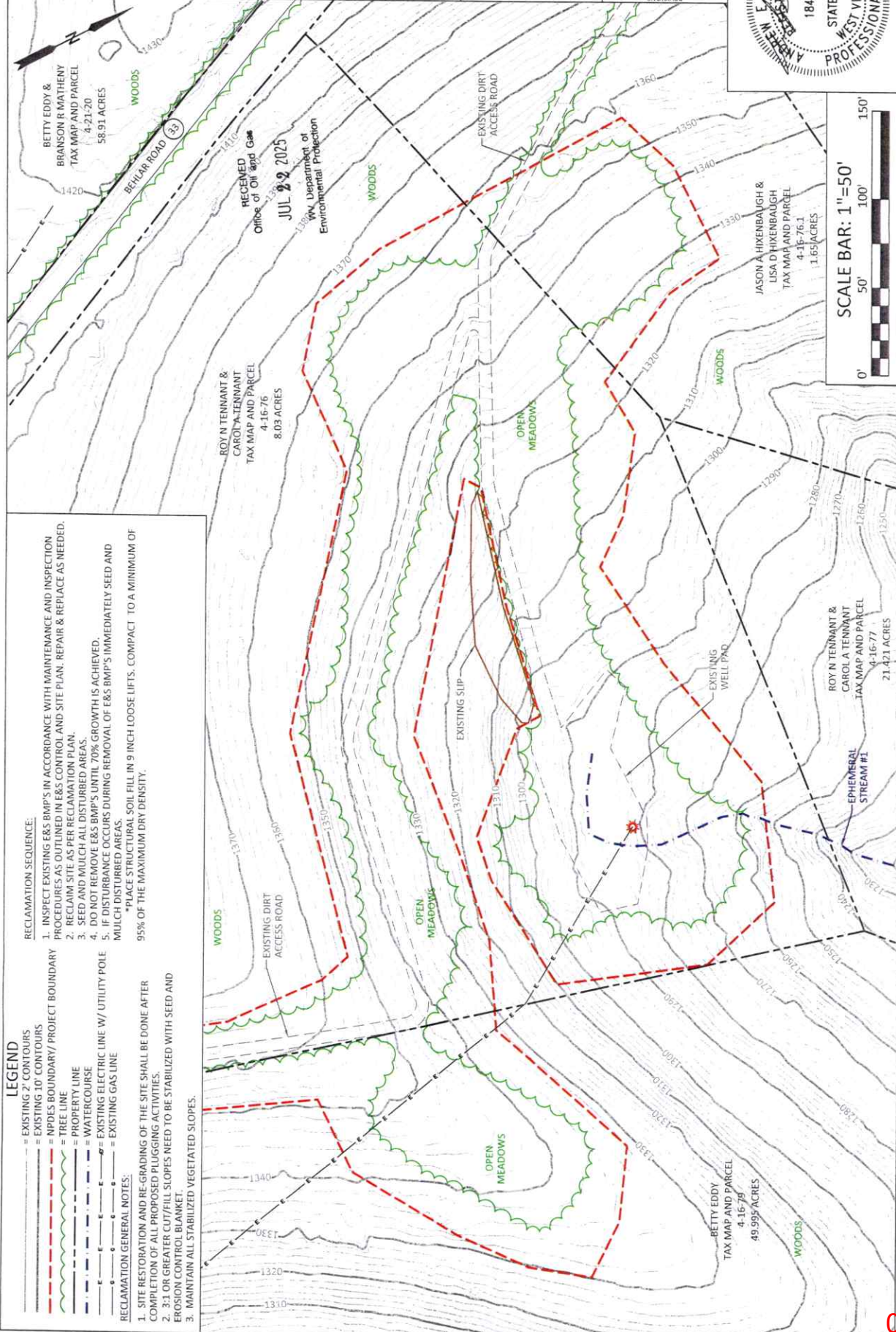
DATE:  
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J WILDMAN 27  
CLAY DISTRICT,  
MONONGALIA  
COUNTY, WV

| NO. | DESCRIPTION | DATE |
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SHEET 15 OF 15

08/15/2025





Kennedy, James P &lt;james.p.kennedy@wv.gov&gt;

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**plugging permits issued for 4706100999 01000 01001 01750**

1 message

**Kennedy, James P** <james.p.kennedy@wv.gov>

Wed, Aug 13, 2025 at 10:19 AM

To: Hollie Medley &lt;hmedley@nne-llc.com&gt;, Gayne J Knitowski &lt;gayne.j.knitowski@wv.gov&gt;, Stephen E McCoy &lt;stephen.e.mccoy@wv.gov&gt;, mmusick@assessor.org

To whom it may concern, plugging permits have been issued for 4706100999 01000 01001 01750.

--

***James Kennedy***

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57<sup>th</sup> Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

[james.p.kennedy@wv.gov](mailto:james.p.kennedy@wv.gov)

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**4 attachments** **4706101750.pdf**  
2786K **4706101001.pdf**  
4571K **4706100999.pdf**  
6326K **4706101000.pdf**  
5220K

08/15/2025