



---

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)

Monday, August 21, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

REFLECTANCE ENERGY, LP  
200 GEORGE STREET, SUITE 4

BECKLEY, WV 25801

Re: Permit approval for B-5, GW-1357  
47-059-00729-00-00

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: MINGO WY COAL LAND  
U.S. WELL NUMBER: 47-059-00729-00-00  
Vertical Plugging  
Date Issued: 8/21/2023

# 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.

08/25/2023

1) Date July 20, 2023  
2) Operator's  
Well No. B-6, GW-1357  
3) API Well No. 47-059 - 00729

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 \_\_\_ / Shallow x
- 5) Location: Elevation 1927 ft Watershed Skillet Creek  
District Stafford County Mingo Quadrangle Wharmcliffe
- 6) Well Operator Reflectance Energy, LP 7) Designated Agent Jim Higgins  
Address 200 George Street, Suite 4 Address 200 George Street, Suite 4  
Beckley, WV 25801 Beckley, WV 25801
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Brian Warden - WVDEP Office of Oil & Gas Name R & J Well Service, Inc  
Address 601 57th Street, SE Address P.O. Box 40  
Charleston, WV 25304 Hueysville, KY 41640

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

**See Attached**

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

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

Work order approved by inspector



Date

8/15/23

08/25/2023

API: 47-059-00729  
Permit #: MIN-729  
Farm Name: Mingo-Wyoming Coal Land Co  
Well Name: 5-GW-1357  
County/State: Mingo, WV  
TD: 4009'  
Elevation: 1683.97'

Casing Schedule: 10 3/8" @ 29'  
10 1/2" @ 412'  
8 1/2" @ 1311'  
5 1/2" @ 4018' (TOC approx. 2900')  
2 3/8" @ 4022'

Coal: None Reported

Water: None Reported

Gas: 3391' and 3178'

Oil: None Reported

Notes:

*\*6% gel must be used between all Class A Cement/Class L Cement Plugs.*

*\*100' cement plugs 50' in and 50' out must be set at all casing cuts.*

*\*Any casing that cannot be pulled or is not cemented, must be perforated at all cement plugs.*

Plugging Procedure:

- 1) Notify WV DEP State Inspector Brian Warden 304-205-3229, a minimum of 48 hours prior to commencing plugging operations.
- 2) MIRU plugging equipment. Check TSIP/CSIP and record. Blow down well.
- 3) TOOH w/ tubing and inspect. RIH w/ wireline, check TD.
- 4) TIH w/ tubing to 3980'. Pump 30 bbls of 6% gel water. Set 100' cement plug from 3990' to 3890' (Berea perforations). TOOH w/ 30 jnts. WOC. Tag TOC, top off as needed.
- 5) TIH w/ tubing to 3401'. Set 323' cement plug from 3401' to 3078' (Big Lime gas shows and perforations). TOOH w/ tubing. WOC. Tag TOC, top off as needed.
- 6) Free-point 5 1/2" casing, approx. 2900'. Shoot off and TOOH w/ 5 1/2" casing.
- 7) TIH w/ tubing to 5 1/2" casing cut. Set 100' cement plug 50' in and 50' out of casing cut. TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed. *1877 to 1977*
- 8) TIH w/ tubing to 1684'. Set 100' cement plug from ~~1684' to 1584'~~ (elevation). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed.
- 9) TIH w/ tubing to 1312'. Pump 15 bbls of 6% gel water. Set 100' cement plug from 1312' to 1212' (8 1/2" casing seat). TOOH w/ tubing. WOC. Tag TOC, top off as needed.
- 10) Free-point 8 1/2" casing. Shoot off and pull 8 1/2" casing at free-point.
- 11) TIH w/ tubing to casing cut. Set 100' cement plug 50' in and 50' out of casing cut. TOOH w/ tubing.

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

08/25/2023

- 12) Free-point 10 3/4" casing. Shoot off casing and pull @ free-point. If unable to pull casing, perforate 10 3/4" casing @ 200', 150', 100', and 50'.
- 13) TIH w/ tubing to 412'. Set 100' cement plug from 412' to 312' (10 3/4" casing seat). TOOH w/ to 200'. Circulate cement to surface. TOOH w/ tubing.
- 14) Top off well as needed, set monument, RDMO.

***\*Well is located on an active mine. Location will be reclaimed after mining operations are completed.***

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

08/25/2023



WW-4A  
Revised 6-07

1) Date: July 20, 2023  
2) Operator's Well Number  
B-5, GW-1357  
3) API Well No.: 47 - 059 - 00729

**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>Mingo Wyoming Coal Land</u>                          | Name <u>Reflectance Energy, LLC</u>       |
| Address <u>PO Box 1895</u>                                       | Address <u>200 George Street, Suite 4</u> |
| <u>Huntington, WV 25705</u>                                      | <u>Beckley, WV 25801</u>                  |
| (b) Name _____   | (b) Coal Owner(s) with Declaration        |
| Address _____  | Name <u>Mingo Wyoming Coal Land</u>       |
|  | Address <u>PO Box 1895</u>                |
|  | <u>Huntington, WV 25705</u>               |
| (c) Name _____   | Name _____                                |
| Address _____  | Address _____                             |
| 6) Inspector <u>Brian Warden - WVDEP Office of Oil &amp; Gas</u> | (c) Coal Lessee with Declaration          |
| Address <u>601 57th Street, SE</u>                               | Name <u>Reflectance Energy, LLC</u>       |
| <u>Charleston, WV 25304</u>                                      | Address <u>200 George Street, Suite 4</u> |
| Telephone <u>304-205-3229</u>                                    | <u>Beckley, WV 25801</u>                  |

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents **RECEIVED**  
Office of Oil and Gas  
AUG 15 2023

(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 reverse 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 Reflectance Energy, LP  
By: Jim Higgins *James C Higgins, Sr*  
Its: Designated Agent  
Address 200 George Street, Suite 4  
Beckley, WV 25801  
Telephone 681-207-7393 ext 4

Subscribed and sworn before me this 20th day of July, 2023  
Larry Dale Dameron Notary Public  
My Commission Expires 02/10/2026

**Oil and Gas Privacy Notice**



OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
LARRY DALE DAMERON  
CM Energy Operations, LP  
200 George Street  
Suite 4  
Beckley, WV 25801  
My Commission Expires February 10, 2026

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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

08/25/2023



WW-4B

API No. 47-059-00729  
Farm Name \_\_\_\_\_  
Well No. B-5, GW-1357

### 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.

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

#### WAIVER

The undersigned coal operator \_\_\_\_\_ / owner X / 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: 7/16/2023

Mingo Wyoming Coal Land

By: MT England III  
Its President



**SURFACE OWNER WAIVER**

Operator's Well  
Number

B-5, GW-1357

**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,**

|                 |            |                                     |                     |
|-----------------|------------|-------------------------------------|---------------------|
| Signature _____ | Date _____ | Name <u>Mingo Wyoming Coal Land</u> |                     |
|                 |            | By <u>C.M.D. ENGLAND III</u>        |                     |
|                 |            | Its <u>PRESIDENT</u>                | Date <u>7/16/23</u> |
|                 |            | <u>C.M.D. England III</u>           | Date <u>7/16/23</u> |
|                 |            | Signature _____                     |                     |

RECEIVED  
Office of Oil and Gas  
Aug 15 2023  
WV Department of  
Environmental Protection



**SURFACE OWNER WAIVER**

Operator's Well  
Number

B-5, GW-1357

**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 of 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,

|           |            |  |
|-----------|------------|--|
| _____     | Date _____ | Name <u>CW Campbell Company</u>                      |
| Signature |            | By <u>Gary D. Baldwin</u>                            |
|           |            | Its <u>President</u> Date <u>7/18/23</u>             |
|           |            | Signature <u>Gary D. Baldwin</u> Date <u>7/18/23</u> |

Office of Oil and Gas  
RECEIVED  
AUG 15 2023  
WV Department of Environmental Protection

08/25/2023

WW-4B

API No. 47-059-00729

Farm Name \_\_\_\_\_

Well No. B-5, GW-1357

**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.

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner X / 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: 7/18/2023

*Gary D. Baldwin, President*

CW Campbell Company

By: Gary D. Baldwin

Its President

08/25/2023



WW-4B

API No. 47-059-00729  
Farm Name \_\_\_\_\_  
Well No. B-5, GW-1357

**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.

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

**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: 2/18/23

JLCMW, LLC  
By: [Signature]  
Its Manager

08/25/2023

**SURFACE OWNER WAIVER**

Operator's Well  
Number

B-5, GW-1357

**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

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
Environmental Protection  
Department of State

**Time Limits and methods for filing comments.** The law requires these materials to be served on you 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,

*Torrey Evans*  
Signature

Date 7/18/23

Name JLCMW, LLC  
By Torrey Evans  
Its Manager

Signature

Date 7-18-23  
Date

08/25/2023



WW-4B

API No. 47-059-00729  
Farm Name \_\_\_\_\_  
Well No. B-5, GW-1357

**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 X / of the coal under \_\_\_\_\_ 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: 07/20/2023

Reflectance Energy, LLC  
By: James C Higgins, Jr  
Its Authorized Agent

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

08/25/2023

WW-9  
(5/16)

API Number 47 - 059 - 00729  
Operator's Well No. \_\_\_\_\_

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

Operator Name Reflectance Energy, LLC OP Code \_\_\_\_\_

Watershed (HUC 10) Buffalo Creek-Guyandotte River Quadrangle Wharnccliffe

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: fresh water

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? 20

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 Any fluid recovered will be hauled to a core tank battery and disposed of properly)

Will closed loop system be used? If so, describe: no

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

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

Additives to be used in drilling medium? n/a

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. n/a

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

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

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

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 James C Higgins, II

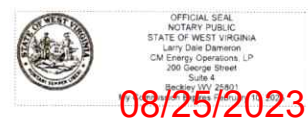
Company Official (Typed Name) James C Higgins, II

Company Official Title Designated Agent

Subscribed and sworn before me this 20th day of July, 2023

Larry Dale Dameron Notary Public

My commission expires 02/10/2026





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 650 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

| Temporary  |          | Permanent  |          |
|------------|----------|------------|----------|
| Seed Type  | lbs/acre | Seed Type  | lbs/acre |
| Red Fescue | 40       | Red Fescue | 15       |
| Alsike     | 5        | Alsike     | 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: [Signature]

Comments: This site is to be covered by  
Daley Park W Section Reveal

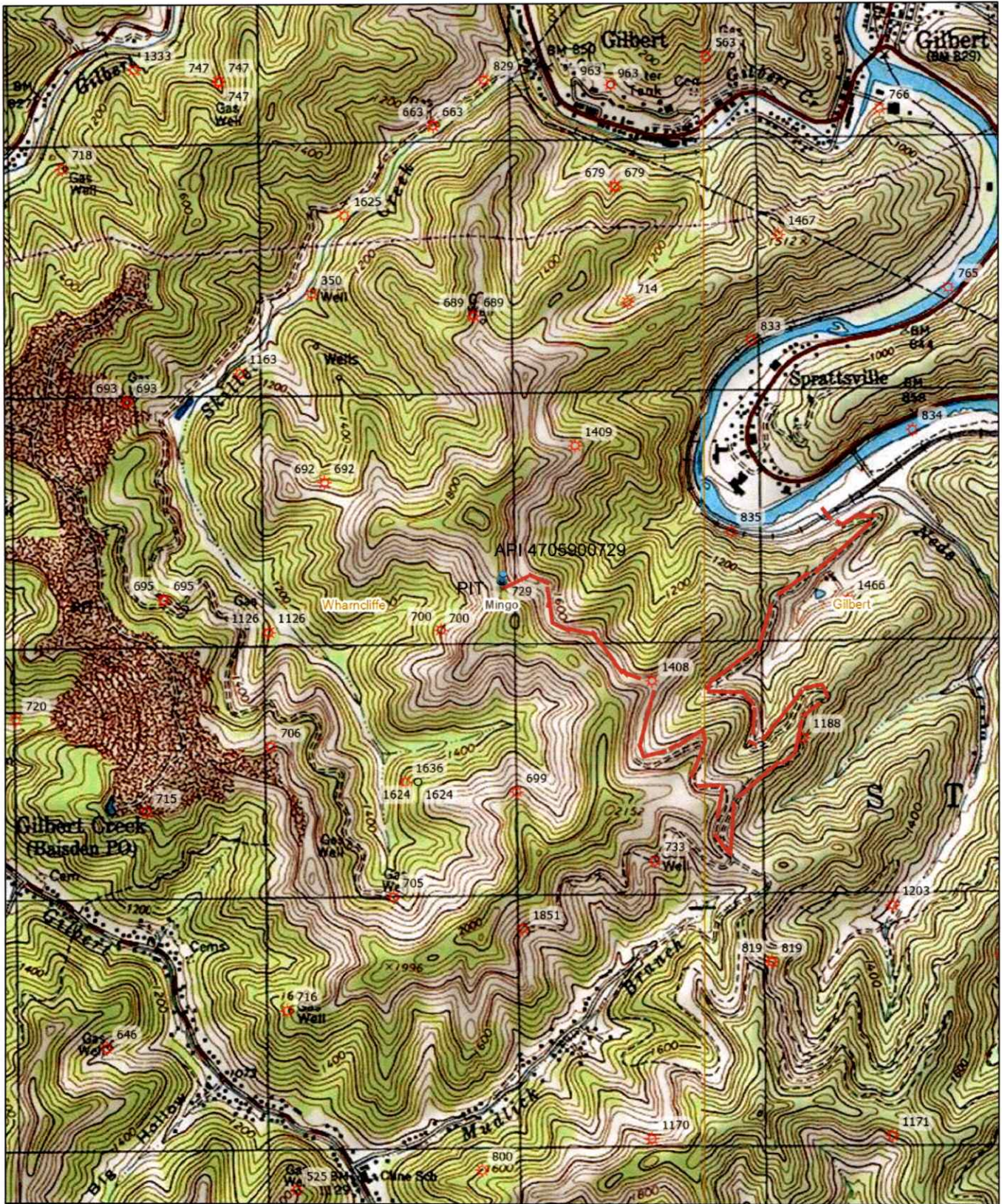
RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

Title: [Signature] Date: 8 15 23

Field Reviewed?  Yes  No



# WV Oil & Gas Wells (WVOG)



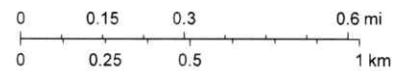
6/22/2023, 5:06:30 PM

- Labels (7.5' Quadrangles)
- 7.5' Quadrangles
- State Boundary
- Counties
- County Labels
- WV Oil and Gas All Individual Wells
- Gas
- Other (including permits)

RECEIVED  
Office of Oil and Gas

1:18,056

AUG 15 2023



WV Department of  
Environmental Protection

Copyright © 2013 National Geographic Society, i-cubed, West Virginia Geological and Economic Survey (WGES)

08/25/2023



WW-7  
8-30-06



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

API: 4705900729 WELL NO.: B-5, GW-1357  
FARM NAME: Skillet Fork Lands  
RESPONSIBLE PARTY NAME: Reflectance Energy, LP  
COUNTY: Mingo DISTRICT: Stafford  
QUADRANGLE: Wharncliffe  
SURFACE OWNER: Mingo Wyoming Coal Land  
ROYALTY OWNER: Mingo Wyoming Coal Land  
UTM GPS NORTHING: 4161232.493  
UTM GPS EASTING: 422066.747 GPS ELEVATION: 512.98

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.

James C Higgins, AA  
Signature

Authorized Agent  
Title

07/20/2023  
Date

RECEIVED  
Office of Oil and Gas  
AUG 15 2023  
WV Department of  
Environmental Protection

08/25/2023

07/20/2023

PLUGGING PERMIT CHECKLIST

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)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED  
Office of Oil and Gas

AUG 15 2023

WV Department of  
Environmental Protection

08/25/2023





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

---

## plugging permit issued

1 message

---

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

Mon, Aug 21, 2023 at 9:12 AM

To: Chris Veazey <CVeazey@dgoc.com>, Brian Warden <brian.warden@wv.gov>, rmahon@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4705900729.

James Kennedy

WVDEP OOG

---

 **4705900729.pdf**  
3242K

08/25/2023