



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
Phone: (304) 926-0450
Fax: (304) 926-0452

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

Matthew L. Erwin
mervin@mullensandmullens.com
via email transmission

5/1/2026

Re: Plugging Permit Application for API # 47-001-00696

Mr. Erwin,

The Office of Oil and Gas (OOG) has completed its review of the above referenced permit application submitted by WV Mineral Group, LLC. The Barbour County oil and gas inspector examined the site to ensure compliance with all applicable requirements of Chapter 22, Article 6 of the West Virginia Code and Legislative Rule Title 35, Series 4. Also, your comments were sent to the applicant to ensure it was aware of your concerns. The applicant's response is enclosed for your records.

As for your comment regarding the timing in which your clients were noticed by the operator, and when the permit application was filed with our office, please see the following. This permit application was received by our office on March 30th, 2026, and the 5 day comment period started the next business day (March 31st, 2026). This appears to match the date that your client was noticed with a copy of the application. After receiving a call from Mr. Jacobs on April 1st 2026, we advised him to submit an email stating his concerns, and we would await further comments from his attorney prior to making any permit determination. Subsequently, our office received your comments on behalf of Mr. Jacobs on April 7th, 2026, and took them under review.

After considering your comments, the applicant's response, and the inspector's findings, the OOG has determined that the application meets the requirements set forth in the above statute and legislative rule. Consequently, the OOG is issuing the permit today. For your information and convenience, I am including with this letter a copy of the permit as issued.

Please contact Taylor Brewer at (304) 926-0499, extension 41108 if you have questions.

Sincerely,

A handwritten signature in blue ink that reads "Taylor Brewer". The signature is fluid and cursive, with the first name "Taylor" and last name "Brewer" clearly distinguishable.

Taylor Brewer
Assistant Chief, Permitting
WV DEP Office of Oil & Gas

Enclosure

Cc: Kenny Willet, OOG Inspector

05/01/2026

9 North Main Street
P. O. Box 95
Philippi, WV 26416
304-457-9000
fax 304-457-9002

Mullens & Mullens, PLLC



Attorneys at Law

1219 North Pike Street
Grafton, WV 26354
304-457-9000
fax 304-457-9002

Hunter B. Mullens, Esq.
Catherine A. Mullens, Esq.*
Matthew L. Ervin, Esq.
C. Brian Matko, Esq.

April 7, 2026

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304

RECEIVED
Office of Oil and Gas

APR 09 2026

WV Department of
Environmental Protection

RE: William E. Jr. Jacobs and Gerry L. Jacobs
API # 47-001-00696
Well No. BAR-696
Pleasant District, Barbour County, West Virginia

Via U.S. Mail and Electronic Mail (Henry.J.Harmon@wv.gov)

To Whom It May Concern:

We represent William E. Jacobs Jr. and Gerry L. Jacobs of 471 Camp Run Road, Flemington, WV 26347. We write this letter concerning (1) the receipt of a plugging application for the plugging of their gas well and (2) unpaid royalties by WV Mineral Group, LLC and others.

First, our clients are in receipt of a letter from Core Natural Resources, and a copy of a plugging permit application of the above-referenced well. The letter and application appear to be dated March 24th, 2026, however, we have been advised that our clients were not served with the letter and application until Tuesday, March 31st, 2026, and were not able to discuss the same with our firm until April 6, 2026.

The documents attached to the letter and application include a "Surface Owner Waiver" which claims that the documents must be served on the surface owner on or before the documents are filed with your office, and further, that the surface owner has five (5) days (we understand the same to be business days) from the filing date to file a "comment."

Our clients object to the plugging of the above-referenced well because they receive free gas and a financial benefit in the form of royalties (although delayed at this time) from the well, and the plugging of this well eliminates the receipt of free gas for household use in the future. Since they have not been paid royalties since 2018, they are concerned that plugging the well will create an opportunity for them not to be paid. Furthermore, the plugging of the well will damage their surface property and may cause gas to take the path of least resistance to other surface areas. Therefore, we, on behalf of our clients, respectfully request that any Plugging Permit requested by

05/01/2026

Ltr. to Chief, Office of Oil and Gas
April 7, 2026
Page 2 of 2

Core Natural Resources and/or Ark Land, LLC to plug the above-referenced well be denied, and further **request a hearing** on these issues, and also request all other relief justice so requires, including attorney's fees and costs.

Please find enclosed twelve (12) copies of this objection letter herewith. Thank you for your attention to this matter. If you have any questions or concerns, please do not hesitate to contact me attorney Matthew Ervin or Tabatha.

Sincerely,



HUNTER B. MULLENS
MATTHEW L. ERVIN
Attorneys at Law

Pc: Justin Fisher, Esq., Core Natural Resources (via U.S. Mail and Electronic Mail (justinfisher@coreresources.com))
Robert R. Hutson Sr., WV Mineral Group, LLC (via U.S. Mail and Electronic Mail to company representatives)
Kenny Willett, Inspector (via U.S. Mail)
Clients

RECEIVED
Office of Oil and Gas

APR 09 2026

WV Department of
Environmental Protection

05/01/2026

JACKSONKELLY^{PLLC}

500 LEE STREET EAST • SUITE 1600 • P.O. BOX 553 • CHARLESTON, WEST VIRGINIA 25322 • TELEPHONE: 304.340.1000 • FAX: 304.340.1130

www.jacksonkelly.com

Direct Telephone: 304-340-1203
Direct Telecopier: 304-340-1080
E-mail: chunter@jacksonkelly.com

April 13, 2026

Jason Harmon
Acting Chief, Office of Oil and Gas
West Virginia Department of Environmental Protection
601 57th Street S.E.
Charleston, WV 25304

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

**Re: William E. Jr. Jacobs and Gerry L. Jacobs Objection to Plugging Permit Application
Well BAR-696 (API 47-001-00696)
Pleasant District, Barbour County, West Virginia**

Via U.S. Mail and Electronic Mail (Henry.J.Harmon@wv.gov)

Chief Harmon:

I am writing in response to the objection filed on April 7, 2026, by William E. Jacobs Jr. and Gerry L. Jacobs (the "Lessors"), through counsel, to the plugging permit application submitted by Wolf Run Mining, LLC on behalf of WV Mineral Group LLC (the "Applicant") for well BAR-696 (API 47-001-00696), located in Pleasant District, Barbour County, West Virginia. The Lessors raise three objections: (1) that they receive free gas and royalty benefits from the well that would be eliminated by plugging; (2) that the Applicant has failed to pay royalties since 2018; and (3) that plugging may cause gas to migrate to other surface areas.

None of these objections constitute a valid ground for denying the plugging permit. First, the 1972 Oil and Gas Lease grants the Applicant broad operational rights and explicitly makes the Lessors' free gas right subject to the lessee's operational control and right of abandonment. Free gas covenants are contractual benefits, not regulatory entitlements that can prevent well plugging. Second, unpaid royalties are a contractual matter between the parties to the lease, not a regulatory ground for denying a well work permit. Third, the Lessors' concerns about gas migration are speculative and unsupported by evidence. The proposed plugging plan complies with all applicable West Virginia and federal regulations and is specifically designed to prevent gas migration.

The regulatory framework governing well plugging permits limits the Chief of the Office of Oil and Gas to denying or conditioning permits only on specific statutory grounds: hazard to safety of persons, inadequate erosion and sediment control, damage to publicly owned lands or resources, or failure to protect fresh water sources. *See* W.Va. Code § 22-6-11. The Lessors' objections do not fall within any of these grounds. Accordingly, for the reasons discussed more fully below, the Applicant respectfully requests that the Chief of the Office of Oil and Gas approve the plugging permit application.

I. Factual Background

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

A. The Lease and Its Terms

On February 28, 1972, William Jacobs and Shirley L. Jacobs entered into an Oil and Gas Lease with Union Drilling, Inc. and Allerton Miller, covering 55 acres in Pleasant District, Barbour County, West Virginia. *See* Exh. 1. The current Lessors, William E. Jacobs Jr. and Gerry L. Jacobs, are the current owners of undivided interests in the leased premises and are the surface owners of the property. The 1972 Lease grants the lessee broad operational rights for the purpose of mining and operating for oil and gas, laying pipelines, and installing equipment. The Lease includes a surrender and removal provision stating that the lessee has “the right to surrender the lease for cancellation, after which all payments and liabilities thereafter to accrue shall cease and terminate.” Exh. 1. While the Lease reserves to the lessor free gas for household use, limited to light and heat in one dwelling house on the land, the Lease provides that this free gas right is subject to the lessee's use, operation, and right of abandonment of the well:

The party of the first part, their heirs or assigns, excepts and reserves gas to the amount of 200.00 cubic feet per year for own use, by laying a line to an a well on said land, limited for light and heat in one dwelling house on said land, said gas to be used at their own risk and **subject to the use, operation and right of abandonment of the well** by the said party of the second part, its heirs, successors or assigns.

Exh. 1 (emphasis added).

B. Amendments to the Lease

In 2019, the Applicant's predecessor (Seneca-Upshur Petroleum, LLC) and the current Lessors executed two separate Ratification and Amendment agreements. *See* Exh. 2. Neither amendment modifies or restricts the lessee's right to plug and abandon wells. The amendments do not add any language requiring the Lessors' consent to plugging, nor do they impose any conditions on the lessee's operational decisions regarding well abandonment.

C. The Well and Plugging Application

The well at issue, BAR-696 (Operator's Well Number) and API 47-001-00696, is a shallow gas well with a total depth of approximately 4,578 feet, located in Pleasant District, Barbour County, West Virginia. The well penetrates the Lower Kittanning coal seam. On March 24, 2026, the Applicant submitted a plugging permit application to the West Virginia Department of Environmental Protection, Office of Oil and Gas, seeking to plug and abandon well BAR-696. Exh. 3. The application includes a detailed plugging plan utilizing the solid plug method, which meets all the requirements of W.Va. Code §§ 22-6-23 & 24, W.Va. Code R. § 35-4-13 and includes:

RECEIVED
Office Of Oil and Gas

APR 20 2026

West Virginia Department of
Environmental Protection

1. Cleaning out the well to total depth;
2. Running cement bond logs to determine the top of cement and evaluate well Integrity;
3. Setting bottom hole cement plugs;
4. Cutting and pulling casing where possible;
5. Running additional logs to determine casing size, coal seam depths, and wellbore Conditions;
6. Perforating, cutting, ripping, or milling remaining casing at depths determined by MSHA requirements;
7. Cementing the hole from the top of the bottom hole plug to surface using expanding cement;
8. Setting a monument as required by West Virginia DEP.

The plugging plan is designed to comply with all applicable WVDEP regulations and with the Mine Safety and Health Administration (“MSHA”) modification order for the Sentinel Mine (Docket No. M-2012-002-C), which establishes detailed mandatory procedures for well plugging in coal mining areas. *See* Exh. 4.

D. Service and the Lessors’ Objection

The Lessors were provided with notice of the plugging permit application by letter dated March 24, 2026. *See* Exh. 5. According to the Lessors’ objection letter, they received the notice and application on March 31, 2026, and were unable to discuss the matter with counsel until April 6, 2026. The Lessors filed their objection on April 7, 2026.

The Lessors raise the following objections:

1. They receive free gas and royalty benefits from the well, and plugging would eliminate the receipt of free gas for household use in the future;
2. They have not been paid royalties since 2018, and they are concerned that plugging will result in non-payment of back royalties;
3. Plugging may cause gas to take the path of least resistance to other surface areas, including (potentially) their own property.

The Lessors request that the plugging permit be denied, that a hearing be held, and that they be awarded attorney's fees and costs.

II. Applicant’s Response to Objections.

The Lessors’ objection must fail because it raises matters that fall outside the statutory criteria for permit denial. The objection is based on private contractual disputes—alleged loss of free household gas and unpaid royalties—that would be more appropriately brought in a civil breach of contract action, not in an administrative permit proceeding.

Jason Harmon
April 13, 2026
Page 4

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

First, the objection raises matters outside the enumerated permit denial criteria. The claims regarding free household gas and unpaid royalties are private contractual disputes that do not implicate any of the four statutory grounds for permit denial: safety hazards, erosion control, damage to public lands, or protection of fresh water. *See* W.Va. Code § 22-6-11. The request for attorney's fees and costs is not a permissible component of a plugging permit decision. Furthermore, a hearing is unwarranted where the objection does not allege facts supporting permissible denial grounds.

Second, even if the Office of Oil & Gas were empowered to adjudicate contract disputes, the 1972 Lease plainly grants the Applicant the contractual right to plug and abandon the well. The Lease's surrender and removal provisions, combined with its broad operational rights, establish that the lessee possesses the authority to make fundamental decisions regarding well operations, including abandonment. The free gas clause is expressly limited to domestic use for one dwelling and is explicitly subordinate to the lessee's operational control and right of abandonment. Free gas covenants are contractual benefits governed by lease terms, not regulatory entitlements. Likewise, royalty nonpayment is a private contract dispute with established legal remedies available through the courts; it does not provide a basis for denying a well plugging permit under either the Code or legislative rules.

Fourth, the Lessors' concerns about gas migration and surface damage are speculative and unsupported by any evidence. The proposed plugging plan incorporates multiple protective measures specifically designed to prevent gas migration and protect coal seams and groundwater. The plan's alignment with MSHA's well-intersection safety regime demonstrates that the proposed procedures meet established federal mining safety standards, and the objection letter provides no reason to believe the plugging plan will violate established state safety standards.

III. Conclusion

For the foregoing reasons, the Applicant respectfully requests that the Chief of the Office of Oil and Gas deny the objection filed by William E. Jacobs Jr. and Gerry L. Jacobs on April 7, 2026 and approve the plugging permit application for Well BAR-696 (API 47-001-00696).

Respectfully submitted,



Christopher Hunter

CMH/riw

U.S. Department of Labor

Mine Safety and Health Administration
1100 Wilson Boulevard
Arlington, Virginia 22209-3939



SEP 30 2013

In the matter of:
Wolf Run Mining Company
Sentinel Mine
I. D. No. 46-04168

Petition for Modification

Docket No: M-2012-002-C

PROPOSED DECISION AND ORDER

On January 1, 2012, a petition was filed seeking a modification of the application of 30 CFR 75.1700 to Petitioner's Sentinel Mine located near Buckhannon in Upshur County, West Virginia. The petitioner alleges that the alternative method outlined in the petition will at all times guarantee no less than the same measure of protection afforded by the standard.

On July 3, 2012, MSHA conducted an investigation of the petition and filed a report of their findings and recommendations with the Administrator for Coal Mine Safety and Health. After a careful review of the entire record, including the petition and MSHA's investigative reports and recommendations, this Proposed Decision and Order (PDO) is issued.

Finding of Fact and Conclusion of Law

The alternative method proposed by the Petitioner (as amended by the recommendations of MSHA) will at all times guarantee no less than the same measure of protection afforded the miners under 30 CFR 75.1700.

The Sentinel Mine operates in the Clarion coal seam and the mining height averages approximately 84 inches. The mine has three working sections utilizing continuous miners and produces approximately 8,000 tons of raw coal per day. Oil and gas production in this area includes older wells completed in the salt sands and newer wells that are targeting the Marcellus shale.

On the basis of the petition and the findings of MSHA's investigation, Wolf Run Mining Company, is granted a modification of the application of 30 CFR 75.1700 to its Sentinel Mine.

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

ORDER

Under the authority delegated by the Secretary of Labor to the Administrator for Coal Mine Safety and Health, and under § 101(c) of the Federal Mine Safety and Health Act of 1977, 30 U.S.C. § 811(c), and 30 C.F.R. Part 44, a modification of the application of 30 C.F.R. § 75.1700 at the Sentinel Mine is hereby:

GRANTED, subject to the following terms and conditions:

1. DISTRICT MANAGER APPROVAL REQUIRED

- a. A safety barrier of 300 feet in diameter (150 feet between any mined area and a well) shall be maintained around all oil and gas wells (defined herein to include all active, inactive, abandoned, shut-in, and previously plugged wells, and including water injection wells) until approval to proceed with mining has been obtained from the district manager.
- b. Prior to mining within the safety barrier around any well, the mine operator shall provide to the district manager a sworn affidavit or declaration executed by a company official stating that all mandatory procedures for cleaning out, preparing, and plugging each gas or oil well have been completed as described by the terms and conditions of this order. The affidavit or declaration must be accompanied by all logs described in subparagraphs 2(a)(2) and 2(a)(3) below and any other records described in those subparagraphs which the district manager may request. The district manager will review the affidavit or declaration, the logs and any other records that have been requested, and may inspect the well itself, and will then determine if the operator has complied with the procedures for cleaning out, preparing and plugging each well as described by the terms and conditions of this Order. If the district manager determines that the procedures have been complied with, he will provide his approval, and the mine operator may then mine within the safety barrier of the well, subject to the terms of this Order.
- c. The terms and conditions of this Order apply to all types of coal mining.

2. MANDATORY PROCEDURES FOR CLEANING OUT, PREPARING, PLUGGING AND REPLUGGING OIL OR GAS WELLS

a. MANDATORY PROCEDURES FOR CLEANING OUT AND PREPARING OIL AND GAS WELLS PRIOR TO PLUGGING OR REPLUGGING

- (1) If the total depth of the well is less than 4,000 feet, the operator shall completely clean out the well from the surface to at least 200 ft. below the base of the lowest mineable coal seam, unless the district manager requires cleaning to a greater depth based on his judgment as to what is required due to the geological strata, or due to the pressure within the well (the operator shall provide the district manager with all information it possesses concerning the geological nature of the strata and the pressure of the well). If the total depth of the well is 4,000 feet, or greater, the operator shall completely clean out the well from the surface to at least 400 feet below the base of the lowest mineable coal seam. The operator shall remove all material from the entire diameter of the well, wall to wall.
- (2) The operator shall prepare down-hole logs for each well. They shall consist of a caliper survey and log(s) suitable for determining the top, bottom, and thickness of all coal seams and potential hydrocarbon producing strata and the location for a bridge plug. The district manager may approve the use of a down-hole camera survey in lieu of down-hole logs. In addition, a journal shall be maintained describing the depth of each material encountered, the nature of each material encountered; bit size and type used to drill each portion of the hole; length and type of each material used to plug the well; length of casing(s) removed, perforated or ripped or left in place, any sections where casing was cut or milled; and other pertinent information concerning cleaning and sealing the well. Invoices, work orders, and other records relating to all work on the well shall be maintained as part of this journal and provided to MSHA upon request.
- (3) When cleaning out the well as provided for in subparagraph (a)(1), the operator shall make a diligent effort to remove all of the casing in the well. If it is not possible to remove all of the casing, then the operator must take appropriate steps to ensure that the annulus between the casing and between the casings and the well walls are filled with expanding (minimum 0.5% expansion upon setting) cement and contain no voids. If the casing cannot be removed, it must be cut or milled at all mineable coal seam levels. Any casing which remains shall be perforated or ripped. Perforations or rips are required at least every 50 feet from 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable

coal seam up to 100 feet above the uppermost mineable coal seam. If the operator, using a casing bond log, can demonstrate to the satisfaction of the district manager that all annuli in the well are already adequately sealed with cement, then the operator will not be required to perforate or rip the casing for that particular well. When multiple casing and tubing strings are present in the coal horizon(s), any casing which remains shall be ripped or perforated and filled with expanding cement as indicated above. An acceptable casing bond log for each casing and tubing string is needed if used in lieu of ripping or perforating multiple strings.

- (4) If the district manager concludes that the completely cleaned-out well is emitting excessive amounts of gas (potential to cut uncured cement), the operator must place a mechanical bridge plug in the well. It must be placed in a competent stratum at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam, but above the top of the uppermost hydrocarbon-producing stratum, unless the district manager requires a greater distance based on his judgment that it is required due to the geological strata, or due to the pressure within the well (the operator shall provide the district manager with all information it possesses concerning the geological nature of the strata and the pressure of the well). If it is not possible to set a mechanical bridge plug, an appropriately sized packer may be used.
- (5) If the upper-most hydrocarbon-producing stratum is within 300 feet of the base of the lowest mineable coal seam, the operator shall properly place mechanical bridge plugs as described in subparagraph (a)(4) to isolate the hydrocarbon producing stratum from the expanding cement plug. Nevertheless, the operator shall place a minimum of 200 feet (400 feet if the total well depth is 4,000 feet or greater) of expanding cement below the lowest mineable coal seam, unless the district manager requires a greater distance based on his judgment that it is required due to the geological strata, or due to the pressure within the well.

b. MANDATORY PROCEDURES FOR PLUGGING OR REPLUGGING OIL OR GAS WELLS TO THE SURFACE.

After completely cleaning out the well as specified in paragraph 2(a) above, the following procedures shall be used to plug or replug gas or oil wells to the surface:

(1) The operator shall pump expanding cement slurry down the well to form a plug which runs from at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam (or lower if required by the district manager based on his judgment that a lower depth is required due to the geological strata, or due to the pressure within the well) to the surface. The expanding cement will be placed in the well under a pressure of at least 200 pounds per square inch. Portland cement or a lightweight cement mixture may be used to fill the area from 100 feet above the top of the uppermost mineable coal seam (or higher if required by the district manager based on his judgment that a higher distance is required due to the geological strata, or due to the pressure within the well) to the surface.

(2) The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 1/2 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level with the API well number engraved or welded on the casing. When the hole cannot not be marked with a physical monument (i.e. prime farmland), high-resolution GPS coordinates (one-half meter resolution) are required.

c. MANDATORY PROCEDURES FOR PLUGGING OR REPLUGGING OIL AND GAS WELLS FOR USE AS DEGASIFICATION BOREHOLES.

After completely cleaning out the well as specified in paragraph 2(a) above, the following procedures shall be utilized when plugging or replugging oil or gas wells that are used as degasification boreholes:

- (1) The operator shall set a cement plug in the well by pumping an expanding cement slurry down the tubing to provide at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) of expanding cement below the lowest mineable coal seam, unless the district manager requires a greater depth based on his judgment that a greater depth is required due to the geological strata, or due to the pressure within the well. The expanding cement will be placed in the well under a pressure of at least 200 pounds per square inch. The top of the expanding cement shall extend at least 50 feet above the top of the coal seam being mined, unless the district manager requires a greater distance based on his judgment that a greater distance is required due to the geological strata, or due to the pressure within the well.

- (2) The operator shall securely grout into the bedrock of the upper portion of the degasification well, a suitable casing in order to protect it. The remainder of this well may be cased or uncased.
 - (3) The operator shall fit the top of the degasification casing with a wellhead equipped as required by the district manager in the approved ventilation plan. Such equipment may include check valves, shut-in valves, sampling ports, flame arrestor equipment, and security fencing.
 - (4) Operation of the degasification well shall be addressed in the approved ventilation plan. This may include periodic tests of methane levels and limits on the minimum methane concentrations that may be extracted.
 - (5) After the area of the coal mine that is degassed by a well is sealed or the coal mine is abandoned, the operator must seal degas holes using the following procedures:
 - (i) The operator shall insert a tube to the bottom of the drill hole or, if not possible, to at least 100 feet above the coal seam being mined. Any blockage must be removed to ensure that the tube can be inserted to this depth.
 - (ii) The operator shall set a cement plug in the well by pumping Portland cement or a lightweight cement mixture down the tubing until the well is filled to the surface.
 - (iii) The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 1/2 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level with the API well number engraved or welded on the casing.
- d. MANDATORY ALTERNATIVE PROCEDURES FOR PREPARING AND PLUGGING OR REPLUGGING OIL OR GAS WELLS:

The following provisions apply to all wells which the operator determines, and the MSHA district manager agrees, cannot be completely cleaned out due to damage to the well caused by subsidence, caving or other factors.

- (1) The operator shall drill a hole adjacent and parallel to the well, to a depth of at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the lowest mineable coal seam, unless the district manager requires a greater depth based on his judgment that a greater depth is required due to the geological strata, or due to the pressure within the well.
- (2) The operator shall use a geophysical sensing device to locate any casing which may remain in the well.

(3) If the well contains casing(s), the operator shall drill into the well from the parallel hole. From 10 feet below the coal seam to 10 feet above the coal seam, the operator shall perforate or rip all casings at intervals of at least 5 feet. Beyond this distance, the operator shall perforate or rip at least every 50 feet from at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam up to 100 feet above the seam being mined, unless the district manager requires a greater distance based on his judgment that a greater distance is required due to the geological strata, or due to the pressure within the well. The operator shall fill the annulus between the casings and between the casings and the well wall with expanding (minimum 0.5% expansion upon setting) cement, and shall ensure that these areas contain no voids. If the operator, using a casing bond log, can demonstrate to the satisfaction of the district manager that the annulus of the well is adequately sealed with cement, then the operator will not be required to perforate or rip the casing for that particular well, or fill these areas with cement. When multiple casing and tubing strings are present in the coal horizon(s), any casing which remains shall be ripped or perforated and filled with expanding cement as indicated above. An acceptable casing bond log for each casing and tubing string is needed if used in lieu of ripping or perforating multiple strings.

(4) Where the operator determines, and the district manager agrees, that there is insufficient casing in the well to allow the method outlined in subparagraph (d)(3) to be used, then the operator shall use a horizontal hydraulic fracturing technique to intercept the original well. From at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam to a point at least 50 feet above the seam being mined, the operator shall fracture in at least six places (12 places if the total well depth is 4,000 feet or greater) at intervals to be agreed upon by the operator and the district manager after considering the

geological strata and the pressure within the well. The operator shall then pump expanding cement into the fractured well in sufficient quantities and in a manner which fills all intercepted voids.

(5) The operator shall prepare down-hole logs for each well. They shall consist of a caliper survey and log(s) suitable for determining the top, bottom, and thickness of all coal seams and potential hydrocarbon producing strata and the location for the bridge plug. The operator may obtain the logs from the adjacent hole rather than the well if the condition of the well makes it impractical to insert the equipment necessary to obtain the log. The district manager may approve the use of a down-hole camera survey in lieu of down-hole logs if in his judgment such logs would not be suitable for obtaining the above-listed data or are impractical to obtain due to the condition of the drill hole. A journal shall be maintained describing the depth of each material encountered, the nature of each material encountered; bit size and type used to drill each portion of the hole; length and type of each material used to plug the well; length of casing(s) removed, perforated or ripped or left in place; and other pertinent information concerning sealing the well. Invoices, work-orders, and other records relating to all work on the well shall be maintained as part of this journal and provided to MSHA upon request.

(6) After the operator has plugged the well as described in subparagraphs (d)(3) and/or (d)(4), the operator shall plug the adjacent hole, from the bottom to the surface, with Portland cement or a lightweight cement mixture. The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 1/2 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level.

A combination of the methods outlined in subparagraphs (d)(3) and (d)(4) may have to be used in a single well, depending upon the conditions of the hole and the presence of casings. The operator and the district manager should discuss the nature of each hole. The district manager may require that more than one method be utilized.

3. MANDATORY PROCEDURES AFTER APPROVAL HAS BEEN GRANTED BY THE DISTRICT MANAGER TO MINE WITHIN THE SAFETY BARRIER, OR TO MINE THROUGH A PLUGGED OR REPLUGGED WELL

- a. A representative of the operator, a representative of the miners, the appropriate State agency, or the MSHA district manager may request that a conference be conducted prior to mining through any plugged or replugged well. Upon receipt of any such request, the district manager shall schedule such a conference. The party requesting the conference shall notify all other parties listed above within a reasonable time prior to the conference to provide opportunity for participation. The purpose of the conference shall be to review, evaluate, and accommodate any abnormal or unusual circumstance(s) related to the condition of the well or surrounding strata when such conditions are encountered.
- b. The operator shall mine through a well on a shift approved by the district manager. The operator shall notify the district manager and the miners' representative in sufficient time prior to mining through a well in order to provide an opportunity to have representatives present.
- c. When using continuous mining methods, the operator shall install drivage sights at the last open crosscut near the place to be mined to ensure intersection of the well. The drivage sites shall not be more than 50 feet from the well. When using longwall-mining methods, drivage sights shall be installed on 10-foot centers for a distance of 50 feet in advance of the well. The drivage sights shall be installed in the headgate.
- d. The operator shall ensure that fire-fighting equipment including fire extinguishers, rock dust, and sufficient fire hose to reach the working face area of the mine through (when either the conventional or continuous mining method is used) is available and operable during all well mine throughs. The fire hose shall be located in the last open crosscut of the entry or room. The operator shall maintain the water line to the belt conveyor tailpiece along with a sufficient amount of fire hose to reach the farthest point of penetration on the section. When the longwall mining method is used, a hose to the longwall water supply is sufficient.
- e. The operator shall ensure that sufficient supplies of roof support and ventilation materials shall be available and located at the last open crosscut. In addition, emergency plugs and suitable sealing materials shall be available in the immediate area of the well intersection.
- f. On the shift prior to mining through the well, the operator shall service all equipment and check it for permissibility. Water sprays, water pressures and water flow rates used for dust and spark suppression shall be examined and any deficiencies corrected.

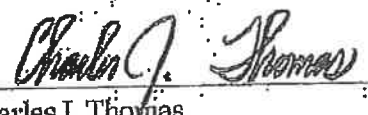
- g. The operator shall calibrate the methane monitor(s) on the longwall, continuous mining machine, or cutting machine and loading machine on the shift prior to mining through the well.
- h. When mining is in progress, the operator shall perform tests for methane with a handheld methane detector at least every 10 minutes from the time that mining with the continuous mining machine or longwall face is within 30 feet of the well until the well is intersected and immediately prior to mining through it. During the actual cutting process, no individual shall be allowed on the return side until the mine through has been completed and the area has been examined and declared safe. All workplace examinations will be conducted on the return side of the shearer while the shearer is idle.
- i. When using continuous or conventional mining methods, the working place shall be free from accumulations of coal dust and coal spillages, and rock dust shall be placed on the roof, rib, and floor to within 20 feet of the face when mining through the well. On longwall sections, rock dusting shall be conducted and placed on the roof, rib, and floor up to both the headgate and tailgate gob.
- j. When the well is intersected, the operator shall de-energize all equipment, and thoroughly examine and determine the area is safe before mining is resumed.
- k. After a well has been intersected and the working place determined safe, mining shall continue in by the well a sufficient distance to permit adequate ventilation around the area of the well.
- l. If the casing is cut or milled at the coal seam level, the use of torches should not be necessary. However, in rare instances, torches may be used for inadequately or inaccurately cut or milled casings. No open flame shall be permitted in the area until adequate ventilation has been established around the well bore and methane levels of less 1.0% are present in all areas that will be exposed to flames and sparks from the torch. The operator shall apply a thick layer of rock dust to the roof, face, floor, ribs and any exposed coal within 20 feet of the casing prior to any use of torches.
- m. Non-sparking (brass) tools will be located on the working section and will be used to expose and examine cased wells.

- n. No person shall be permitted in the area of the mine through operation except those actually engaged in the operation, including company personnel, representatives of the miners, personnel from MSHA, and personnel from the appropriate State agency.
- o. The operator shall alert all personnel in the mine to the planned intersection of the well prior to their going underground if the planned intersection is to occur during their shift. This warning shall be repeated for all shifts until the well has been mined through.
- p. The mine through operation shall be under the direct supervision of a certified individual. Instructions concerning the mine through operation shall be issued only by the certified individual in charge.
- q. The provisions of this Order do not impair the authority of representatives of MSHA to interrupt or halt the mine through operation, and to issue a withdrawal order, when they deem it necessary for the safety of the miners. MSHA may order an interruption or cessation of the mine through operation and/or a withdrawal of personnel by issuing either a verbal or written order to that effect to a representative of the operator, which order shall include the basis for the order. Operations in the affected area of the mine may not resume until a representative of MSHA permits resumption of mine through operations. The mine operator and miners shall comply with verbal or written MSHA orders immediately. All verbal orders shall be committed to writing within a reasonable time as conditions permit.
- r. A copy of this Order shall be maintained at the mine and be available to the miners.
- s. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved 30 C.F.R. Part 48 training plan to the district manager. These proposed revisions shall include initial and refresher training regarding compliance with the terms and conditions stated in the Order. The operator shall provide all miners involved in the mine through of a well with training regarding the requirements of this Order prior to mining within 150 feet of the next well intended to be mined through.
- t. The responsible person required under 30 C.F.R. § 75.1501 is responsible for well intersection emergencies. The well intersection procedures should be reviewed by the responsible person prior to any planned intersection.

- u. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved mine emergency evacuation and firefighting plan required by 30 CFR § 75.1501. The operator will revise the plans to include the hazards and evacuation procedures to be used for well intersections. All underground miners will be trained in this revised plan within 30 days of the submittal of the revised evacuation plan.

Any party to this action desiring a hearing on this matter must file in accordance with 30 CFR 44.14, within 30 days. The request for hearing must be filed with the Administrator for Coal Mine Safety and Health, 1100 Wilson Boulevard, Arlington, Virginia 22209-3939.

If a hearing is requested, the request shall contain a concise summary of position on the issues of fact or law desired to be raised by the party requesting the hearing, including specific objections to the proposed decision. A party other than Petitioner who has requested a hearing shall also comment upon all issues of fact or law presented in the petition, and any party to this action requesting a hearing may indicate a desired hearing date. If no request for a hearing is filed within 30 days after service thereof, the Decision and Order will become final and must be posted by the operator on the mine bulletin board at the mine.

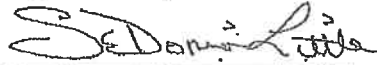


Charles J. Thomas
Deputy Administrator for
Coal Mine Safety and Health

Certificate of Service

I hereby certify that a copy of this Proposed Decision and Order was served personally or mailed, postage prepaid, this 30th day of September, 2013, to:

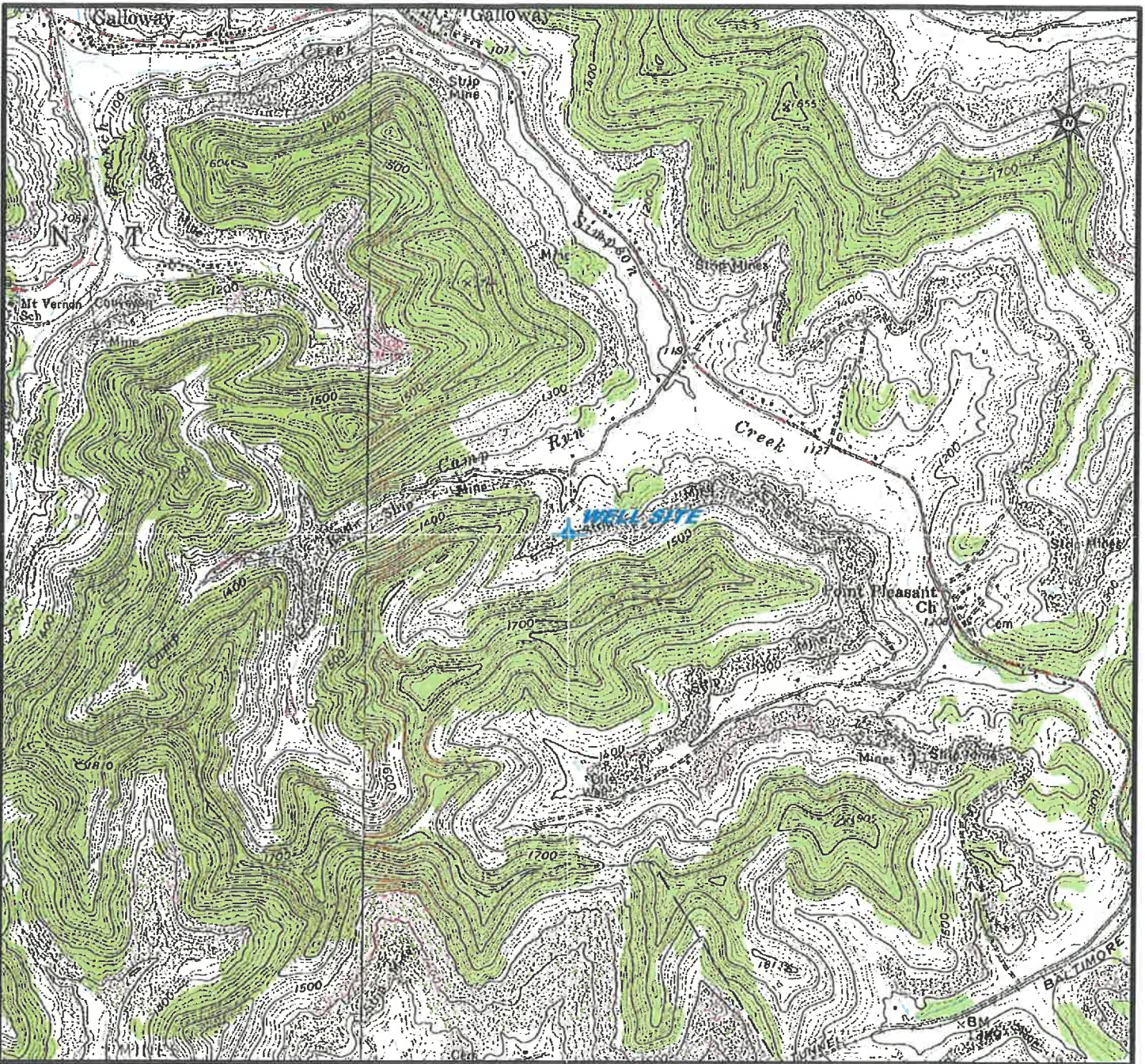
Mr. Nathan Sypolt
Project Engineer
Wolf Run Mining Company
99 Edmiston Way
Buckhammon, WV 26201



SeDonia Little
Secretary

cc: Mr. C.A. Phillips, Acting Director
Office of Miners' Health Safety & Training,
Dept of Energy, Division of Mines & Minerals
1615 Washington Street
Charleston, WV 25311

05/01/2026



LATITUDE: 39° 12' 43"
 LONGITUDE: 80° 08' 53"
 NEAREST WATERCOURSE: Camp Run
 NEAREST TOWN: Galesburg

OPERATOR'S WELL NO. BAR-696
 API WELL NO. 47-001-00696
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1310' WATERSHED Camp Run
 DISTRICT Pleasant COUNTY Barbour
 QUADRANGLE Phispol 7 1/2'
 SURFACE OWNER: William E. Jr. and Gerry L. Jacobs ACREAGE 55.00
 OIL & GAS ROYALTY OWNER William E. Jr. and Gerry L. Jacobs LEASE ACREAGE 55.00
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL
 FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Benson ESTIMATED DEPTH 4578'
 WELL OPERATOR WV Mineral Group LLC DESIGNATED AGENT Robert R. Hudson, Sr.
 ADDRESS P.O. Box 167, Lumberport, WV 26386 ADDRESS P.O. Box 167, Lumberport, WV 26386

DRAWN		<h2 style="text-align: center;">WV Mineral Group LLC</h2> <p style="text-align: center;">P.O. Box 167, Lumberport, WV 26386</p>	
DATE	BY		
3/26	TAN		
REVISED		<p style="text-align: center;">API WELL NO. 47-001-00696 WELL NO. BAR-696 LOCATION MAP</p>	
DATE	BY		
APPROVED		Pleasant District Phispol, WV 7.5' Quadrangle	
DATE	BY	Barbour County West Virginia	
		TOPOGRAPHIC CONTOUR INTERVAL = 20'	Scale: 1"=2000'
		File No.: 47-001-00696 WELL NO. 3340	Sheet No.: 1 of 1
Path		DWG/WOLF RUN/SENTINEL/SENTINEL PERMITS/WV OIL & GAS PERMITS	

SP-11-2026

BOOK 182 PAGE 400

ARSENAL RESOURCES LLC
6031 WALLACE ROAD EXT STE 300
WEXFORD, PA 15090-3430

**RATIFICATION AND
AMENDMENT OF OIL AND GAS LEASE**

KNOW ALL MEN BY THESE PRESENTS THAT:

WHEREAS, Seneca-Upshur Petroleum, LLC, a West Virginia Limited Liability Company, with an address of 6031 Wallace Road Extension, Suite 300, Wexford, Pennsylvania 15090, hereinafter referred to as "Lessee," is the present owner of all right, title, and interest under that certain Oil and Gas Lease dated February 28, 1972 by and between William Jacobs and Shirley L. Jacobs and Union Drilling, Inc. and Allerton Miller, and recorded in Book 70, Page 107, in the Records of Barbour County, State of West Virginia, covering 55.00000000 acres, more or less, situated in the District of Pleasant, County of Barbour, State of West Virginia.

WHEREAS, Gerry L. Jacobs, single, hereinafter referred to as "Lessor" is the current owner of an undivided interest in the subject 55.00000000 acres; and

WHEREAS, the undersigned has agreed to amend and modify said Lease as to certain terms and conditions therein contained;

NOW THEREFORE, in consideration of Ten and 00/100 Dollars (\$10.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned do agree to amend and modify said Lease effective as of the date of this agreement, as follows, to wit;

1. The Subject Lease is amended and modified to include the following provisions:

UNITIZATION: Lessor grants Lessee the right to pool, unitize, or combine all or parts of the premises with other lands, whether contiguous or not contiguous, leased or unleased, whether owned by Lessee or by others, at a time before or after drilling to create drilling or production units either by contract right or pursuant to governmental authorization or order. Such units will not exceed the size as allowed by the appropriate governmental authority and may or may not be limited to certain strata or formation. Where Lessee forms a unit by contract right, it may, at its' sole option, place of record, a copy of its declaration of unitization. Lessor shall be provided with notice of the formation of unit(s) if required by of the appropriate governmental authority. Whether unit(s) are formed by contract right or by appropriate governmental authority, for all purposes of this lease, the leasehold shall be deemed to be unitized as of the effective date of its declaration of unitization. Lessee is granted the right to change the size, shape and conditions of operation or payment of any unit created. Lessor agrees to accept and receive out of the production of the net proceeds realized from the production of such unit, such proportional share of the royalty from each unit well as the number of leasehold net acres included in the unit bears to the total number of acres in the unit; for such purposes, Lessee may, at its option, definitively rely on the acreage calculation of the local property tax assessment authorities. Drilling operations in preparation for drilling, production, or shut-in production from the unit, or payment of royalty or delay rental shall have the same effect upon the term of this lease as if a well were located on the leasehold estates created by this and the other leases free and clear of such pooling. The rights and obligations of this paragraph are subject to the pooling and spacing orders and provisions of governmental agencies with jurisdiction.

SHUT-IN ROYALTY: If at any time after the primary term hereof there is a well capable of producing gas in paying quantities located upon the Leased Premises or on lands pooled therewith but such well is awaiting pipeline connection or is shut-in for any other reason (whether before or after production) and this Agreement is not maintained in force by operations or production at any well or by other activity or event, nevertheless it shall be considered that gas is being produced in paying quantities within the meaning of this Agreement. On or before the end of the initial year during which this Agreement is maintained in force for the entire annual period under this paragraph, Lessee shall pay or tender to Lessor hereunder, or to those entitled to the royalties provided in this Agreement, a shut-in royalty equal to \$1.00 per acre for the acreage held under this Agreement at the time such payment or tender is made. Each subsequent payment or tender shall be made thereafter in like manner and amount on or before the end of each annual period while the Agreement was maintained in force for the entire annual period under the first sentence of this paragraph. Failure to pay or error in paying shall not constitute as grounds for forfeiture of this lease and shall not affect the obligation to make such payment, and Lessee shall not be considered in default on account thereof until Lessor has first given Lessee written notice of the non-payment and Lessee shall have failed to make payment for a period of one hundred twenty (120) days after receipt of such notice.

2. All other terms and conditions in said Lease shall remain unchanged.

In conjunction with the modifications as set forth above, the undersigned hereby ratifies, adopts, and confirms said Lease as corrected and amended and recognizes the full validity of the Lease and grants, leases, and lets to Lessee and Lessee's successors and assigns the above described lands for the purposes and upon the terms, conditions, and provisions contained in the Lease.

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

 initial

05/01/2026

06006.779

The provisions hereof shall be binding for all purposes on the Lessor and Lessee and their respective heirs, personal representatives, successors and assigns.

EXECUTED this 18th day of June, 2019, effective as of the same date.

LESSOR:

Gerry L. Jacobs
Gerry L. Jacobs

LESSEE:

SENECA-UPSHUR PETROLEUM, LLC:

Joel E. Symonds
By: Joel E. Symonds
Its: Vice President of Land

ACKNOWLEDGEMENT

STATE OF WEST VIRGINIA:

COUNTY OF BARBOUR:

On this the 18th day of June, 2019, before me, the undersigned authority, personally appeared Gerry L. Jacobs, who being duly sworn to law, depose, and say that they executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



My Commission Expires: May 23, 2024
Signature/Notary Public: [Signature]
Name/Notary Public (print): Elizabeth J. Welch

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

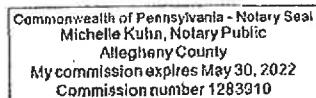
CORPORATE ACKNOWLEDGMENT

COMMONWEALTH OF PENNSYLVANIA:

COUNTY OF ALLEGHENY:

On this the 29th day of July, 2019, before me, the undersigned authority, personally appeared Joel E. Symonds, who acknowledged himself to be the Vice President of Land of Seneca-Upshur Petroleum, LLC and that he as such being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Limited Liability Company.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



My Commission Expires: May 30, 2022
Signature/Notary Public: [Signature]
Name/Notary Public (print): Michelle Kuhn

Caroline L. Kaufman
Barbour County 11:52:11 AM
Instrument No 266596
Date Recorded 08/12/2019
Document Type AGMT/CO
Pages Recorded 2
Book-Page 182-401
Record Fee \$5.00
LSD Fee \$5.00

STATE OF WEST VIRGINIA, County of Barbour, To-Wit:
I, Connie L. Kaufman, Clerk of the County Commission
of said County, do hereby certify that the foregoing writing, with
Certificate hereto annexed, was this day produced to me in my
office and duly admitted to record.

Witness my hand, Connie L. Kaufman, Clerk

05/01/2026

BOOK 182 PAGE 398

ARSENAL RESOURCES LLC
6031 WALLACE ROAD EXT STE 300
WEXFORD, PA 15090-3430**RATIFICATION AND
AMENDMENT OF OIL AND GAS LEASE**

KNOW ALL MEN BY THESE PRESENTS THAT:

WHEREAS, Seneca-Upshur Petroleum, LLC, a West Virginia Limited Liability Company, with an address of 6031 Wallace Road Extension, Suite 300, Wexford, Pennsylvania 15090, hereinafter referred to as "Lessee," is the present owner of all right, title, and interest under that certain Oil and Gas Lease dated February 28, 1972 by and between William Jacobs and Shirley L. Jacobs and Union Drilling, Inc. and Allerton Miller, and recorded in Book 70, Page 107, in the Records of Barbour County, State of West Virginia, covering 55.00000000 acres, more or less, situated in the District of Pleasant, County of Barbour, State of West Virginia.

WHEREAS, William E. Jacobs, Jr, single, hereinafter referred to as "Lessor" is the current owner of an undivided interest in the subject 55.00000000 acres; and

WHEREAS, the undersigned has agreed to amend and modify said Lease as to certain terms and conditions therein contained;

NOW THEREFORE, in consideration of Ten and 00/100 Dollars (\$10.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned do agree to amend and modify said Lease effective as of the date of this agreement, as follows, to wit;

1. The Subject Lease is amended and modified to include the following provisions:

UNITIZATION: Lessor grants Lessee the right to pool, unitize, or combine all or parts of the premises with other lands, whether contiguous or not contiguous, leased or unleased, whether owned by Lessee or by others, at a time before or after drilling to create drilling or production units either by contract right or pursuant to governmental authorization or order. Such units will not exceed the size as allowed by the appropriate governmental authority and may or may not be limited to certain strata or formation. Where Lessee forms a unit by contract right, it may, at its' sole option, place of record, a copy of its declaration of unitization. Lessor shall be provided with notice of the formation of unit(s) if required by of the appropriate governmental authority. Whether units(s) are formed by contract right or by appropriate governmental authority, for all purposes of this lease, the leasehold shall be deemed to be unitized as of the effective date of its declaration of unitization. Lessee is granted the right to change the size, shape and conditions of operation or payment of any unit created. Lessor agrees to accept and receive out of the production of the net proceeds realized from the production of such unit, such proportional share of the royalty from each unit well as the number of leasehold net acres included in the unit bears to the total number of acres in the unit; for such purposes, Lessee may, at its option, definitively rely on the acreage calculation of the local property tax assessment authorities. Drilling operations in preparation for drilling, production, or shut-in production from the unit, or payment of royalty or delay rental shall have the same effect upon the term of this lease as if a well were located on the leasehold estates created by this and the other leases free and clear of such pooling. The rights and obligations of this paragraph are subject to the pooling and spacing orders and provisions of governmental agencies with jurisdiction.

SHUT-IN ROYALTY: If at any time after the primary term hereof there is a well capable of producing gas in paying quantities located upon the Leased Premises or on lands pooled therewith but such well is awaiting pipeline connection or is shut-in for any other reason (whether before or after production) and this Agreement is not maintained in force by operations or production at any well or by other activity or event, nevertheless it shall be considered that gas is being produced in paying quantities within the meaning of this Agreement. On or before the end of the initial year during which this Agreement is maintained in force for the entire annual period under this paragraph, Lessee shall pay or tender to Lessor hereunder, or to those entitled to the royalties provided in this Agreement, a shut-in royalty equal to \$1.00 per acre for the acreage held under this Agreement at the time such payment or tender is made. Each subsequent payment or tender shall be made thereafter in like manner and amount on or before the end of each annual period while the Agreement was maintained in force for the entire annual period under the first sentence of this paragraph. Failure to pay or error in paying shall not constitute as grounds for forfeiture of this lease and shall not affect the obligation to make such payment, and Lessee shall not be considered in default on account thereof until Lessor has first given Lessee written notice of the non-payment and Lessee shall have failed to make payment for a period of one hundred twenty (120) days after receipt of such notice.

2. All other terms and conditions in said Lease shall remain unchanged.

In conjunction with the modifications as set forth above, the undersigned hereby ratifies, adopts, and confirms said Lease as corrected and amended and recognizes the full validity of the Lease and grants, leases, and lets to Lessee and Lessee's successors and assigns the above described lands for the purposes and upon the terms, conditions, and provisions contained in the Lease.

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

WEN initial

05/01/2026

00005729

The provisions hereof shall be binding for all purposes on the Lessor and Lessee and their respective heirs, personal representatives, successors and assigns.

EXECUTED this 18 day of June 2019, effective as of the same date.

LESSOR:

William E. Jacobs, Jr.
William E. Jacobs, Jr.

LESSEE:

SENECA-UPSHUR-PETROLEUM, LLC:

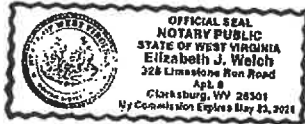
Joel E. Symonds
By: Joel E. Symonds
Its: Vice President of Land

ACKNOWLEDGEMENT

STATE OF WEST VIRGINIA:
COUNTY OF BARBOUR:

On this the 18 day of June, 2019, before me, the undersigned authority, personally appeared William E. Jacobs, Jr., who being duly sworn to law, depose, and say that they executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



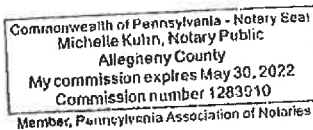
My Commission Expires: May 23, 2021
Signature/Notary Public: [Signature]
Name/Notary Public (print): Elizabeth J. Welch

CORPORATE ACKNOWLEDGMENT

COMMONWEALTH OF PENNSYLVANIA:
COUNTY OF ALLEGHENY:

On this the 29th day of July, 2019, before me, the undersigned authority, personally appeared Joel E. Symonds, who acknowledged himself to be the Vice President of Land of Seneca-Upshur Petroleum, LLC and that he as such being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Limited Liability Company.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



My Commission Expires: May 30, 2022
Signature/Notary Public: [Signature]
Name/Notary Public (print): Michelle Kuhn

STATE OF WEST VIRGINIA, County of Barbour, To-Wit:
I, Connie L. Kaufman, Clerk of the County Commission of said County, do hereby certify that the foregoing writing, with Certificate hereto annexed, was this day produced to me in my office and duly admitted to record.

Witness my hand, [Signature], Clerk Page 2 of 2

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of Environmental Protection

Connie L. Kaufman
BARBOUR COUNTY 11:11:15 AM
Instrument No 246903
Date Recorded 08/12/2019
Document Type AMT/OT
Pages Recorded 2
Book Page 182-399
Recording Fee \$5.00
Additional \$5.00
WEL

05/01/2026



Dustin T. Kimble
Land Agent
P 304-265-9777
E dustinkimble@coreresources.com

March 24, 2026

William E. Jr and Gerry L. Jacobs
471 Camp Run Road
Flemington, WV 26347

Re: Plugging Permit- API 47-001-00696

Mr. Jacobs,

As required by the permit process of the WV Department of Environmental Protection- Office of Oil and Gas enclosed please find a copy of the plugging permit applications for the above referenced well that Wolf Run Mining LLC plans to submit to the WV Department of Environmental Protection- Office of Oil and Gas on behalf of WV Mineral Group LLC.

If there are no objections to the plugging permit application, please sign the page titled Surface Owner Waiver and return in the enclosed self-addressed envelope.

If you have any questions concerning this application, please feel free to contact me at 304-265-9777 or at dustinkimble@coreresources.com to discuss this property.

Sincerely,

A handwritten signature in blue ink that reads 'Dustin Kimble'.

Dustin Kimble

RECEIVED
Office Of Oil and Gas

APR 20 2026

WV Department of
Environmental Protection

SURFACE OWNER WAIVER

Operator's Well
Number

BAR-696

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 57th St. SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

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 the owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on 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

FOR EXECUTION BY A CORPORATION,

_____	_____	_____	_____
Signature	Date	Name	
		By	_____
		Its	_____
			Date

Signature

Date

05/01/2026

WW-4A
Revised 6-07

1) Date: 3/17/2026
2) Operator's Well Number
BAR-696

3) API Well No.: 47 - 001 - 00696

**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>William E. Jr. and Gerry L. Jacobs</u>	Name <u>Wolf Run Mining LLC</u>
Address <u>471 Camp Run Road</u>	Address <u>100 Tygart Drive</u>
<u>Flemington, West Virginia 26347</u>	<u>Grafton, West Virginia 26354</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Kenny Willett</u>	(c) Coal Lessee with Declaration
Address <u>2393 Tallmansville Road</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>681-890-2567</u>	

RECEIVED
Office Of Oil and Gas

APR 20 2026

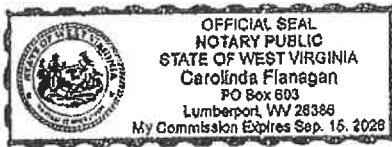
WV Department of
Environmental Protection

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 WV Mineral Group LLC
 By: Robert R. White Sr.
 Its: V.P. OPERATIONS
 Address PO BOX 167
Lumberport, WV 26386
 Telephone (304)-848-8140

Subscribed and sworn before me this 17TH day of MARCH 2026
Carolinda Flanagan Notary Public
 My Commission Expires 9/15/2028

Oil and Gas Privacy Notice

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

05/01/2026

WW-4B
Rev. 2/01

1) Date 3/20, 2026
2) Operator's
Well No. BAR-696
3) API Well No. 47-001 - 00690

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1310 Watershed Camp Run
District Pleasant County Barbour Quadrangle Phillippi (545)

6) Well Operator WV Mineral Group LLC 7) Designated Agent Robert R. Hutson Sr.
Address PO BOX 167 Address PO Box 167
Lumberport, WV 26386 Lumberport, WV 26386

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Kenny Willett Name Coastal Well Services LLC
Address 2393 Tallmansville Road Address 130 Meadows Ridge Road
Buckhannon, WV 26201 Mt. Morris, PA 15349

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

See Exhibit Nos. 1 and 2 and MSHA 101-C Exemption

MSHA 101-C Docket No. M-2012-002-C

Approximate Lower Kittanning coal seam top= 813.89'

Approximate Lower Kittanning coal seam bottom= 819.29'

RECEIVED
Office Of Oil and Gas
APR 20 2026
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 Kenny Willett Date 3/20/26

05/01/2026

EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, WV Mineral Group LLC will utilize the following method to plug all future wells.

SOLID PLUG METHOD

- a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

05/01/2026



EXHIBIT 2

Coastal Drilling East LLC • 130 Meadow Ridge Road, Mt. Morris, PA 15349

Phone 304-296-1120 Fax 304-413-0061

"A Shaft Drillers International Company"

Below is the proposed plugging plan that can be used on wells similar to the wells we have been plugging for the last few years. This is the procedure we will generally utilize to plug 47-001-00429, 696, 909, and 838 gas wells

Plugging Plan

- Move to site, rig up, mix mud, drill rathole
- Bullhead well and maintain static well head pressures
- Clean out well to original total depth (4578')
- Run cement bond log on 4 1/2 casing to determine top of cement
- Set bottom hole cement plug as required by the WV DEP from TD to top of cement determined by the bond lg.
- Tag top of bottom hole plug to insure plug is at correct depth. Re-cement if necessary.
- Cut and pull 4 1/2" casing from the free point determined by the bond lg.
- Clean out wellbore to top of remaining 4 1/2" casing
- Run suite of logs to determine casing size, bottom of casing, depth of coal seams, deviation of wellbore and cement bond to casing.
- Cement hole from top of bottom hole plug to a depth within 50' of the bottom of the 8 5/8" casing.
- If necessary cut and pull any free casing.
- Perforate, cut, rip or mill any remaining casing at depths determined by MSHA's 101C Petition for the Leer South Mine
- Multiple cuts may be required to be placed with the bonded 8 5/8" casing string. The cuts will be placed in 18" increments through the mining area in the Lower Kittanning Coal Seam.
- Cement hole from top of intermediate plug to surface using cement required by MSHA's 101C Petition for the Leer South Mine.
- Rig down and set monument as required by WV DEP.
- Contractor will utilize Class A cement, unless Class B becomes state approved

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

05/01/2026

RFP \$1.23
26-216-9
A 7927

MAILED TO: Union Drilling, Inc.
Buckhannon, W. Va.

Oil and Gas Lease BOOK 70 PAGE 107

THIS AGREEMENT made and entered into this 28th day of February 1972, A. D., by and between William Jacobs and Thelma L. Jacobs his wife, Arbutis McCarley and Joseph L. McCarley her husband party of the first part,

AND Union Drilling, Inc. and Allerton Miller, P.O. Box 347 Buckhannon, W. Va. 26201 and 3309 West Building Pittsburgh, Pa 15219 PARTY of the second part.

WITNESSETH, that the said party of the first part for and in consideration of the sum of \$1.00 to them in hand paid by the party of the second part, the receipt of which is hereby acknowledged and of the covenants and agreements hereinafter contained on the part of the said party of the second part, to be paid, kept and performed, has leased and let, and by these presents do lease and let unto the said party of the second part, its heirs successors and assigns, for the sole and only purpose of mining and operating for oil and gas, and of laying pipelines and installing sufficient equipment thereon to take care of the said products; All that certain tract of land situate in Pleasant District

Barbour County, West Virginia containing 55 acres more or less and more fully bounded as follows:

- On the North by lands of Hoff Morrow
- On the East by lands of Butt yocco
- On the South by lands of Hoff Morrow
- On the West by lands of Jerussa Jacobs

Excepting and reserving, however, therefrom, 200 feet around the principal buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for Five (5) years from April 7, 1972 and as long thereafter as oil or gas, or either of them, is produced from said lands by the said party of the second part, their successors, heirs and assigns.

IN CONSIDERATION OF THE PREMISES, the said party of the second part covenant and agree:

To deliver to the credit of the party of the first part, their heirs or assigns, free of cost, in the pipe line to which the party of the second part may connect their wells, the equal one-eighth part of all oil produced and saved from the leased premises.

To pay to the party of the first part, their heirs or assigns the one-eighth of all money received from the sale of gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises, said payments to be made by party of second part, by check mailed to last reported address, to the party of the first part, their heirs or assigns, and payable monthly within five days of the receipt of said money from the sale of said products.

Said parties of the second part shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by the party of the first part or their predecessors in title or otherwise.

Party of the second part covenant and agree to locate all wells so as to interfere as little as possible with the cultivated portions of the farm. And further, that the party of the second part must commence a well on the said premises within 0 days from the date of this agreement (and prosecute same to completion with due diligence) or in default thereof, pay to the party of the first part, for the further delay a quarterly advance rental of \$13.75 on the said premises from the time above specified for each three months until such well shall be commenced. And a failure to commence such well or to pay said rental due, for a period of ten (10) days thereafter, shall render this lease null and void as to both parties, and can only be renewed by mutual consent. And no right of action shall, after such failure, accrue to either party on account of the breach of any covenant herein contained.

All payments are to be made to 1/2 To William Jacobs R#7 Flemington WVA 26347
1/2 To Arbutis McCarley R#2 Flemington WVA 26347

The party of the first part, their heirs or assigns, excepts and reserves gas to the amount of 200,000 cubic feet per year for own use, by laying a line to any gas well on said land, limited for light and heat in one dwelling house on said land, said gas to be used at their own risk and subject to the use, operation and right of abandonment of the well by the said party of the second part, its heirs, successors or assigns.

Party of the second part shall pay all damages done to growing crops by reason of operation for oil and gas under said lease.

(over)

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

BOOK 70 PAGE 108

It is agreed that party of the second part are to have the privilege of using sufficient water and gas from the said premises to run all machinery necessary for drilling and operating thereon, and all rights of way necessary to develop the premises or remove equipment, etc., and at any time during or after expiration of this lease to remove all machinery, casing, tubing, and fixtures placed on the said premises; and further upon the payment of \$1000.00 by the party of the second part, ~~the~~ heirs, successors and assigns, to the party of the first part, ~~the~~ heirs and assigns, said party of the second part, ~~the~~ successors and assigns, shall have the right to surrender this lease for cancellation, after which all payments and liabilities, thereafter to accrue under and by virtue of its terms shall cease and terminate, and this lease becomes absolutely null and void.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals the day and year first above written.

WITNESS:

Eugene C. Suder _____
By *Shirley L. Jacobs* (SEAL) _____
William Jacobs (SEAL) _____
Garland M. Casler (SEAL) _____
Joseph L. McCarty (SEAL) _____

THIS INSTRUMENT WAS PREPARED BY EUGENE C. SUDER, LEASER FOR UNION DRILLING INC.

STATE OF West Virginia }
COUNTY OF Barbour } SS.

BE IT REMEMBERED this 28th day of February, A. D., 19 77, before me a Notary Public in and for said county, personally appeared the within named *Shirley L. Jacobs* and *William Jacobs her husband* AND acknowledged the within instrument to be ~~the~~ act and deed and desired the same to be recorded.

WITNESS my hand and notarial seal the day and year aforesaid.

Eugene C. Suder
Notary Public
My Commission expires Feb. 7, 1981

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

STATE OF West Virginia } SS.
COUNTY OF Barbour

BOOK 70 PAGE 109
BARBOUR COUNTY
FILED OR RECEIVED
1972 MAR -1 AM 8:35
GLENN G. PROBST
CLERK BARBOUR COUNTY COURT
FEE PAID \$1.25
GLENN G. PROBST
CLERK BARBOUR COUNTY COURT
16-216-9

BE IT REMEMBERED this 28 day of February, A. D., 1972, before me
a Notary Public in and for said county, personally appeared the within named Arthur McLawley
and Joseph F. McLawley his husband
AND acknowledged the within instrument to be their act and deed and desired the same to be recorded.

WITNESS my hand and notarial seal the day and year aforesaid.

Return to:
UNION DRILLING, INC;
P. O. BOX 347
BUCKHANNON, W. VA. 26201

Eugene C. Suder
Notary Public
My Commission expires Feb 7, 1981

STATE OF WEST VIRGINIA,
Barbour County Clerk's Office, March 1, 1972
The foregoing writing was this day presented in said office and admitted to
record in Oil & Gas Book No 70 Page 107
at 8:35 o'clock A. M.
ATTEST: Glenn G. Probst CLERK

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection



west virginia department of environmental protection

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

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

Friday, May 1, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

WV MINERAL GROUP LLC
PO BOX 167

LUMBERPORT, WV 26386

Re: Permit approval for 1
47-001-00696-00-00

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.

H. Jason Harmon
Acting Chief

A handwritten signature in black ink that reads "Jason Harmon".

Operator's Well Number: 1
Farm Name: McCAULEY, JACOB
U.S. WELL NUMBER: 47-001-00696-00-00
Vertical Plugging
Date Issued: 5/1/2026

PERMIT CONDITIONS

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

CONDITIONS

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

1) Date 3/20, 2026
2) Operator's
Well No. BAR-696
3) API Well No. 47-001 - 00696

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1310 Watershed Camp Run
District Pleasant County Barbour Quadrangle Phillippi (545)

6) Well Operator WV Mineral Group LLC 7) Designated Agent Robert R. Hutson Sr.
Address PO BOX 167 Address PO Box 167
Lumberport, WV 26386 Lumberport, WV 26386

8) Oil and Gas Inspector to be notified Name Kenny Willett 9) Plugging Contractor
Address 2393 Tallmansville Road Name Coastal Well Services LLC
Buckhannon, WV 26201 Address 130 Meadows Ridge Road
Mt. Morris, PA 15349

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

See Exhibit Nos. 1 and 2 and MSHA 101-C Exemption

MSHA 101-C Docket No. M-2012-002-C

Approximate Lower Kittanning coal seam top= 813.89'

Approximate Lower Kittanning coal seam bottom= 819.29'

RECEIVED
Office of Oil and Gas

MAR 30 2026

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 Kenny Willett Date 3/20/26

05/01/2026

EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, WV Mineral Group LLC will utilize the following method to plug all future wells.

SOLID PLUG METHOD

- a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

05/01/2026



EXHIBIT 2

Coastal Drilling East LLC • 130 Meadow Ridge Road, Mt. Morris, PA 15349

Phone 304-296-1120 Fax 304-413-0061

"A Shaft Drillers International Company"

Below is the proposed plugging plan that can be used on wells similar to the wells we have been plugging for the last few years. This is the procedure we will generally utilize to plug 47-001-00429, 696, 909, and 838 gas wells

Plugging Plan

- Move to site, rig up, mix mud, drill rathole
- Bullhead well and maintain static well head pressures
- Clean out well to original total depth (4578')
- Run cement bond log on 4 1/2 casing to determine top of cement
- Set bottom hole cement plug as required by the WV DEP from TD to top of cement determined by the bond log.
- Tag top of bottom hole plug to insure plug is at correct depth. Re-cement if necessary.
- Cut and pull 4 1/2" casing from the free point determined by the bond log.
- Clean out wellbore to top of remaining 4 1/2" casing
- Run suite of logs to determine casing size, bottom of casing, depth of coal seams, deviation of wellbore and cement bond to casing.
- Cement hole from top of bottom hole plug to a depth within 50' of the bottom of the 8 5/8" casing.
- If necessary cut and pull any free casing.
- Perforate, cut, rip or mill any remaining casing at depths determined by MSHA's 101C Petition for the Leer South Mine
- Multiple cuts may be required to be placed with the bonded 8 5/8" casing string. The cuts will be placed in 18" increments through the mining area in the Lower Kittanning Coal Seam.
- Cement hole from top of intermediate plug to surface using cement required by MSHA's 101C Petition for the Leer South Mine.
- Rig down and set monument as required by WV DEP.
- Contractor will utilize Class A cement, unless Class B becomes state approved

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

U.S. Department of Labor

Mine Safety and Health Administration
1100 Wilson Boulevard
Arlington, Virginia 22209-3939



SEP 30 2013

In the matter of:
Wolf Run Mining Company
Sentinel Mine
I. D. No. 46-04168

Petition for Modification

Docket No: M-2012-002-C

PROPOSED DECISION AND ORDER

On January 1, 2012, a petition was filed seeking a modification of the application of 30 CFR 75.1700 to Petitioner's Sentinel Mine located near Buckhannon in Upshur County, West Virginia. The petitioner alleges that the alternative method outlined in the petition will at all times guarantee no less than the same measure of protection afforded by the standard.

On July 3, 2012, MSHA conducted an investigation of the petition and filed a report of their findings and recommendations with the Administrator for Coal Mine Safety and Health. After a careful review of the entire record, including the petition and MSHA's investigative reports and recommendations, this Proposed Decision and Order (PDO) is issued.

Finding of Fact and Conclusion of Law

The alternative method proposed by the Petitioner (as amended by the recommendations of MSHA) will at all times guarantee no less than the same measure of protection afforded the miners under 30 CFR 75.1700:

The Sentinel Mine operates in the Clarion coal seam and the mining height averages approximately 84 inches. The mine has three working sections utilizing continuous miners and produces approximately 8,000 tons of raw coal per day. Oil and gas production in this area includes older wells completed in the salt sands and newer wells that are targeting the Marcellus shale.

On the basis of the petition and the findings of MSHA's investigation, Wolf Run Mining Company, is granted a modification of the application of 30 CFR 75.1700 to its Sentinel Mine.

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

ORDER

Under the authority delegated by the Secretary of Labor to the Administrator for Coal Mine Safety and Health; and under § 101(c) of the Federal Mine Safety and Health Act of 1977, 30 U.S.C. § 811(c), and 30 C.F.R. Part 44, a modification of the application of 30 C.F.R. § 75.1700 at the Sentinel Mine is hereby:

GRANTED, subject to the following terms and conditions:

1. DISTRICT MANAGER APPROVAL REQUIRED

- a. A safety barrier of 300 feet in diameter (150 feet between any mined area and a well) shall be maintained around all oil and gas wells (defined herein to include all active, inactive, abandoned, shut-in, and previously plugged wells, and including water injection wells) until approval to proceed with mining has been obtained from the district manager.
- b. Prior to mining within the safety barrier around any well, the mine operator shall provide to the district manager a sworn affidavit or declaration executed by a company official stating that all mandatory procedures for cleaning out, preparing, and plugging each gas or oil well have been completed as described by the terms and conditions of this order. The affidavit or declaration must be accompanied by all logs described in subparagraphs 2(a)(2) and 2(a)(3) below and any other records described in those subparagraphs which the district manager may request. The district manager will review the affidavit or declaration, the logs and any other records that have been requested, and may inspect the well itself, and will then determine if the operator has complied with the procedures for cleaning out, preparing and plugging each well as described by the terms and conditions of this Order. If the district manager determines that the procedures have been complied with, he will provide his approval, and the mine operator may then mine within the safety barrier of the well, subject to the terms of this Order.
- c. The terms and conditions of this Order apply to all types of coal mining.

2. MANDATORY PROCEDURES FOR CLEANING OUT, PREPARING, PLUGGING AND REPLUGGING OIL OR GAS WELLS

RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

05/01/2026

a. MANDATORY PROCEDURES FOR CLEANING OUT AND PREPARING OIL AND GAS WELLS PRIOR TO PLUGGING OR REPLUGGING

- (1) If the total depth of the well is less than 4,000 feet, the operator shall completely clean out the well from the surface to at least 200 ft. below the base of the lowest mineable coal seam, unless the district manager requires cleaning to a greater depth based on his judgment as to what is required due to the geological strata, or due to the pressure within the well (the operator shall provide the district manager with all information it possesses concerning the geological nature of the strata and the pressure of the well). If the total depth of the well is 4,000 feet, or greater, the operator shall completely clean out the well from the surface to at least 400 feet below the base of the lowest mineable coal seam. The operator shall remove all material from the entire diameter of the well, wall to wall.
- (2) The operator shall prepare down-hole logs for each well. They shall consist of a caliper survey and log(s) suitable for determining the top, bottom, and thickness of all coal seams and potential hydrocarbon producing strata and the location for a bridge plug. The district manager may approve the use of a down-hole camera survey in lieu of down-hole logs. In addition, a journal shall be maintained describing the depth of each material encountered, the nature of each material encountered; bit size and type used to drill each portion of the hole; length and type of each material used to plug the well; length of casing(s) removed, perforated or ripped or left in place, any sections where casing was cut or milled; and other pertinent information concerning cleaning and sealing the well. Invoices, work orders, and other records relating to all work on the well shall be maintained as part of this journal and provided to MSHA upon request.
- (3) When cleaning out the well as provided for in subparagraph (a)(1), the operator shall make a diligent effort to remove all of the casing in the well. If it is not possible to remove all of the casing, then the operator must take appropriate steps to ensure that the annulus between the casing and between the casings and the well walls are filled with expanding (minimum 0.5% expansion upon setting) cement and contain no voids. If the casing cannot be removed, it must be cut or milled at all mineable coal seam levels. Any casing which remains shall be perforated or ripped. Perforations or rips are required at least every 50 feet from 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

coal seam up to 100 feet above the uppermost mineable coal seam. If the operator, using a casing bond log, can demonstrate to the satisfaction of the district manager that all annuli in the well are already adequately sealed with cement, then the operator will not be required to perforate or rip the casing for that particular well. When multiple casing and tubing strings are present in the coal horizon(s), any casing which remains shall be ripped or perforated and filled with expanding cement as indicated above. An acceptable casing bond log for each casing and tubing string is needed if used in lieu of ripping or perforating multiple strings.

- (4) If the district manager concludes that the completely cleaned-out well is emitting excessive amounts of gas (potential to cut uncured cement), the operator must place a mechanical bridge plug in the well. It must be placed in a competent stratum at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam, but above the top of the uppermost hydrocarbon-producing stratum, unless the district manager requires a greater distance based on his judgment that it is required due to the geological strata, or due to the pressure within the well (the operator shall provide the district manager with all information it possesses concerning the geological nature of the strata and the pressure of the well). If it is not possible to set a mechanical bridge plug, an appropriately sized packer may be used.
- (5) If the upper-most hydrocarbon-producing stratum is within 300 feet of the base of the lowest mineable coal seam, the operator shall properly place mechanical bridge plugs as described in subparagraph (a)(4) to isolate the hydrocarbon producing stratum from the expanding cement plug. Nevertheless, the operator shall place a minimum of 200 feet (400 feet if the total well depth is 4,000 feet or greater) of expanding cement below the lowest mineable coal seam, unless the district manager requires a greater distance based on his judgment that it is required due to the geological strata, or due to the pressure within the well.

b. MANDATORY PROCEDURES FOR PLUGGING OR REPLUGGING OIL OR GAS WELLS TO THE SURFACE.

After completely cleaning out the well as specified in paragraph 2(a) above, the following procedures shall be used to plug or replug gas or oil wells to the surface:

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

(1) The operator shall pump expanding cement slurry down the well to form a plug which runs from at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam (or lower if required by the district manager based on his judgment that a lower depth is required due to the geological strata, or due to the pressure within the well) to the surface. The expanding cement will be placed in the well under a pressure of at least 200 pounds per square inch. Portland cement or a lightweight cement mixture may be used to fill the area from 100 feet above the top of the uppermost mineable coal seam (or higher if required by the district manager based on his judgment that a higher distance is required due to the geological strata, or due to the pressure within the well) to the surface.

(2) The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 1/2 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level with the API well number engraved or welded on the casing. When the hole cannot not be marked with a physical monument (i.e. prime farmland), high-resolution GPS coordinates (one-half meter resolution) are required.

c. MANDATORY PROCEDURES FOR PLUGGING OR REPLUGGING OIL AND GAS WELLS FOR USE AS DEGASIFICATION BOREHOLES.

After completely cleaning out the well as specified in paragraph 2(a) above, the following procedures shall be utilized when plugging or replugging oil or gas wells that are used as degasification boreholes:

(1) The operator shall set a cement plug in the well by pumping an expanding cement slurry down the tubing to provide at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) of expanding cement below the lowest mineable coal seam, unless the district manager requires a greater depth based on his judgment that a greater depth is required due to the geological strata, or due to the pressure within the well. The expanding cement will be placed in the well under a pressure of at least 200 pounds per square inch. The top of the expanding cement shall extend at least 50 feet above the top of the coal seam being mined, unless the district manager requires a greater distance based on his judgment that a greater distance is required due to the geological strata, or due to the pressure within the well.

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

- (2) The operator shall securely grout into the bedrock of the upper portion of the degasification well, a suitable casing in order to protect it. The remainder of this well may be cased or uncased.
- (3) The operator shall fit the top of the degasification casing with a wellhead equipped as required by the district manager in the approved ventilation plan. Such equipment may include check valves, shut-in valves, sampling ports, flame arrestor equipment, and security fencing.
- (4) Operation of the degasification well shall be addressed in the approved ventilation plan. This may include periodic tests of methane levels and limits on the minimum methane concentrations that may be extracted.
- (5) After the area of the coal mine that is degassed by a well is sealed or the coal mine is abandoned, the operator must seal degas holes using the following procedures:
 - (i) The operator shall insert a tube to the bottom of the drill hole or, if not possible, to at least 100 feet above the coal seam being mined. Any blockage must be removed to ensure that the tube can be inserted to this depth.
 - (ii) The operator shall set a cement plug in the well by pumping Portland cement or a lightweight cement mixture down the tubing until the well is filled to the surface.
 - (iii) The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 1/2 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level with the API well number engraved or welded on the casing.

d. MANDATORY ALTERNATIVE PROCEDURES FOR PREPARING AND PLUGGING OR REPLUGGING OIL OR GAS WELLS.

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

The following provisions apply to all wells which the operator determines, and the MSHA district manager agrees, cannot be completely cleaned out due to damage to the well caused by subsidence, caving or other factors.

(1) The operator shall drill a hole adjacent and parallel to the well, to a depth of at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the lowest mineable coal seam, unless the district manager requires a greater depth based on his judgment that a greater depth is required due to the geological strata, or due to the pressure within the well.

(2) The operator shall use a geophysical sensing device to locate any casing which may remain in the well.

(3) If the well contains casing(s), the operator shall drill into the well from the parallel hole. From 10 feet below the coal seam to 10 feet above the coal seam, the operator shall perforate or rip all casings at intervals of at least 5 feet. Beyond this distance, the operator shall perforate or rip at least every 50 feet from at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam up to 100 feet above the seam being mined, unless the district manager requires a greater distance based on his judgment that a greater distance is required due to the geological strata, or due to the pressure within the well. The operator shall fill the annulus between the casings and between the casings and the well wall with expanding (minimum 0.5% expansion upon setting) cement, and shall ensure that these areas contain no voids. If the operator, using a casing bond log, can demonstrate to the satisfaction of the district manager that the annulus of the well is adequately sealed with cement, then the operator will not be required to perforate or rip the casing for that particular well, or fill these areas with cement. When multiple casing and tubing strings are present in the coal horizon(s), any casing which remains shall be ripped or perforated and filled with expanding cement as indicated above. An acceptable casing bond log for each casing and tubing string is needed if used in lieu of ripping or perforating multiple strings.

(4) Where the operator determines, and the district manager agrees, that there is insufficient casing in the well to allow the method outlined in subparagraph (d)(3) to be used, then the operator shall use a horizontal hydraulic fracturing technique to intercept the original well. From at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam to a point at least 50 feet above the seam being mined, the operator shall fracture in at least six places (12 places if the total well depth is 4,000 feet or greater) at intervals to be agreed upon by the operator and the district manager after considering the

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

geological strata and the pressure within the well. The operator shall then pump expanding cement into the fractured well in sufficient quantities and in a manner which fills all intercepted voids.

(5) The operator shall prepare down-hole logs for each well. They shall consist of a caliper survey and log(s) suitable for determining the top, bottom, and thickness of all coal seams and potential hydrocarbon producing strata and the location for the bridge plug. The operator may obtain the logs from the adjacent hole rather than the well if the condition of the well makes it impractical to insert the equipment necessary to obtain the log. The district manager may approve the use of a down-hole camera survey in lieu of down-hole logs if in his judgment such logs would not be suitable for obtaining the above-listed data or are impractical to obtain due to the condition of the drill hole. A journal shall be maintained describing the depth of each material encountered, the nature of each material encountered; bit size and type used to drill each portion of the hole; length and type of each material used to plug the well; length of casing(s) removed, perforated or ripped or left in place; and other pertinent information concerning sealing the well. Invoices, work-orders, and other records relating to all work on the well shall be maintained as part of this journal and provided to MSHA upon request.

(6) After the operator has plugged the well as described in subparagraphs (d)(3) and/or (d)(4), the operator shall plug the adjacent hole, from the bottom to the surface, with Portland cement or a lightweight cement mixture. The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 1/2 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level.

A combination of the methods outlined in subparagraphs (d)(3) and (d)(4) may have to be used in a single well, depending upon the conditions of the hole and the presence of casings. The operator and the district manager should discuss the nature of each hole. The district manager may require that more than one method be utilized.

3. MANDATORY PROCEDURES AFTER APPROVAL HAS BEEN GRANTED BY THE DISTRICT MANAGER TO MINE WITHIN THE SAFETY BARRIER, OR TO MINE THROUGH A PLUGGED OR REPLUGGED WELL

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

- a. A representative of the operator, a representative of the miners, the appropriate State agency, or the MSHA district manager may request that a conference be conducted prior to mining through any plugged or replugged well. Upon receipt of any such request, the district manager shall schedule such a conference. The party requesting the conference shall notify all other parties listed above within a reasonable time prior to the conference to provide opportunity for participation. The purpose of the conference shall be to review, evaluate, and accommodate any abnormal or unusual circumstance(s) related to the condition of the well or surrounding strata when such conditions are encountered.
- b. The operator shall mine through a well on a shift approved by the district manager. The operator shall notify the district manager and the miners' representative in sufficient time prior to mining through a well in order to provide an opportunity to have representatives present.
- c. When using continuous mining methods, the operator shall install drivage sights at the last open crosscut near the place to be mined to ensure intersection of the well. The drivage sites shall not be more than 50 feet from the well. When using longwall-mining methods, drivage sights shall be installed on 10-foot centers for a distance of 50 feet in advance of the well. The drivage sights shall be installed in the headgate.
- d. The operator shall ensure that fire-fighting equipment including fire extinguishers, rock dust, and sufficient fire hose to reach the working face area of the mine through (when either the conventional or continuous mining method is used) is available and operable during all well mine throughs. The fire hose shall be located in the last open crosscut of the entry or room. The operator shall maintain the water line to the belt conveyor tailpiece along with a sufficient amount of fire hose to reach the farthest point of penetration on the section. When the longwall mining method is used, a hose to the longwall water supply is sufficient.
- e. The operator shall ensure that sufficient supplies of roof support and ventilation materials shall be available and located at the last open crosscut. In addition, emergency plugs and suitable sealing materials shall be available in the immediate area of the well intersection.
- f. On the shift prior to mining through the well, the operator shall service all equipment and check it for permissibility. Water sprays, water pressures and water flow rates used for dust and spark suppression shall be examined and any deficiencies corrected.

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

- g. The operator shall calibrate the methane monitor(s) on the longwall, continuous mining machine, or cutting machine and loading machine on the shift prior to mining through the well.
- h. When mining is in progress, the operator shall perform tests for methane with a handheld methane detector at least every 10 minutes from the time that mining with the continuous mining machine or longwall face is within 30 feet of the well until the well is intersected and immediately prior to mining through it. During the actual cutting process, no individual shall be allowed on the return side until the mine through has been completed and the area has been examined and declared safe. All workplace examinations will be conducted on the return side of the shearer while the shearer is idle.
- i. When using continuous or conventional mining methods, the working place shall be free from accumulations of coal dust and coal spillages, and rock dust shall be placed on the roof, rib, and floor to within 20 feet of the face when mining through the well. On longwall sections, rock dusting shall be conducted and placed on the roof, rib, and floor up to both the headgate and tailgate gob.
- j. When the well is intersected, the operator shall de-energize all equipment, and thoroughly examine and determine the area is safe before mining is resumed.
- k. After a well has been intersected and the working place determined safe, mining shall continue in by the well a sufficient distance to permit adequate ventilation around the area of the well.
- l. If the casing is cut or milled at the coal seam level, the use of torches should not be necessary. However, in rare instances, torches may be used for inadequately or inaccurately cut or milled casings. No open flame shall be permitted in the area until adequate ventilation has been established around the well bore and methane levels of less 1.0% are present in all areas that will be exposed to flames and sparks from the torch. The operator shall apply a thick layer of rock dust to the roof, face, floor, ribs and any exposed coal within 20 feet of the casing prior to any use of torches.
- m. Non-sparking (brass) tools will be located on the working section and will be used to expose and examine cased wells.

RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

- n. No person shall be permitted in the area of the mine through operation except those actually engaged in the operation, including company personnel, representatives of the miners, personnel from MSHA, and personnel from the appropriate State agency.
- o. The operator shall alert all personnel in the mine to the planned intersection of the well prior to their going underground if the planned intersection is to occur during their shift. This warning shall be repeated for all shifts until the well has been mined through.
- p. The mine through operation shall be under the direct supervision of a certified individual. Instructions concerning the mine through operation shall be issued only by the certified individual in charge.
- q. The provisions of this Order do not impair the authority of representatives of MSHA to interrupt or halt the mine through operation, and to issue a withdrawal order, when they deem it necessary for the safety of the miners. MSHA may order an interruption or cessation of the mine through operation and/or a withdrawal of personnel by issuing either a verbal or written order to that effect to a representative of the operator, which order shall include the basis for the order. Operations in the affected area of the mine may not resume until a representative of MSHA permits resumption of mine through operations. The mine operator and miners shall comply with verbal or written MSHA orders immediately. All verbal orders shall be committed to writing within a reasonable time as conditions permit.
- r. A copy of this Order shall be maintained at the mine and be available to the miners.
- s. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved 30 C.F.R. Part 48 training plan to the district manager. These proposed revisions shall include initial and refresher training regarding compliance with the terms and conditions stated in the Order. The operator shall provide all miners involved in the mine through of a well with training regarding the requirements of this Order prior to mining within 150 feet of the next well intended to be mined through.
- t. The responsible person required under 30 C.F.R. § 75.1501 is responsible for well intersection emergencies. The well intersection procedures should be reviewed by the responsible person prior to any planned intersection.

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

- u. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved mine emergency evacuation and firefighting plan required by 30 CFR § 75.1501. The operator will revise the plans to include the hazards and evacuation procedures to be used for well intersections. All underground miners will be trained in this revised plan within 30 days of the submittal of the revised evacuation plan.

Any party to this action desiring a hearing on this matter must file in accordance with 30 CFR 44.14, within 30 days. The request for hearing must be filed with the Administrator for Coal Mine Safety and Health, 1100 Wilson Boulevard, Arlington, Virginia 22209-3939.

If a hearing is requested, the request shall contain a concise summary of position on the issues of fact or law desired to be raised by the party requesting the hearing, including specific objections to the proposed decision. A party other than Petitioner who has requested a hearing shall also comment upon all issues of fact or law presented in the petition, and any party to this action requesting a hearing may indicate a desired hearing date. If no request for a hearing is filed within 30 days after service thereof, the Decision and Order will become final and must be posted by the operator on the mine bulletin board at the mine.



Charles J. Thomas
Deputy Administrator for
Coal Mine Safety and Health

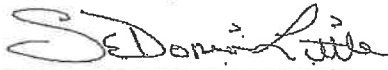
RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

05/01/2026

Certificate of Service

I hereby certify that a copy of this Proposed Decision and Order was served personally or mailed, postage prepaid, this 30th day of September, 2013, to:

Mr. Nathan Sypolt
Project Engineer
Wolf Run Mining Company
99 Edmiston Way
Buckhannon, WV 26201



SeDonia Little
Secretary

cc: Mr. C.A. Phillips, Acting Director
Office of Miners' Health Safety & Training,
Dept of Energy, Division of Mines & Minerals
1615 Washington Street.
Charleston, WV 25311

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026



RECEIVED

APR 21 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Philippi

Permit No. BAR-696

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Union Drilling, Inc.
Address P. O. Dr. 40, Buckhannon, WV 26201
Farm Jacobs & McCauley Acres 55
Location (waters) Camp Run
Well No. 334U Elev. 1310'
District Pleasant County Barbour
The surface of tract is owned in fee by William Jacobs & Arbutus McCauley
Address Route 2, Flemington, WV 26347
Mineral rights are owned by same
Address _____
Drilling Commenced January 30, 1975
Drilling Completed February 5, 1975
Initial open flow 133,000 cu. ft. _____ bbls.
Final production 400,000 cu. ft. per day _____ bbls.
Well open 4 hrs. before test 110G# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 13"	32'	0'	
9 5/8			
8 5/8	1168.70'	1168.70'	210 SKS
7			
5 1/2			
4 1/2	4514.35'	4514.35'	140 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

2/14/75 - Dowell - 1 Stage Job - Benson - 645 BBL, Waterfrac - 23,000 lbs. sand

Coal was encountered at _____ Feet _____ Inches
Fresh water 15' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill Dirt			0	30		
Shale			30	125		
Sand			125	230		
Red Rock, Shale & Sand			230	215		
Sand & Shale Streaks			315	425		
Sand			425	456		
Sand & Shale			456	493		
Sand			493	573		
Sand & Shale			573	618		
Sand			618	690		
Shale			690	755		
Sand & Shale			755	915		
Sand			915	1026		
Sand & Shale Streaks			1026	1040		
Sand & Shale			1040	1174		
Sand & Shale Streaks			1174	1350		
Red Rock, Shale & Sand			1350	1520		
Sand & Shale Streaks			1520	1595		
Big Lime			1595	1695		
Lime			1695	1715		
Red Rock			1715	1726		
Sand			1726	1785		
Sand & Shale			1785	2115		

(over)

* Indicates Electric Log tops in the remarks section.

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

Formation	Color	Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			2115	2170		
Sand			2170	2230		
Sand & Shale			2230	3848		
Sand & Shale Streaks			3848	4250		
Sand & Shale			4250	4250		
Benson Sand			4432	4442		
Sand & Shale			4442	4578	TOTAL DEPTH	

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

Date April 18, 1975

APPROVED Union Drilling, Inc., Owner

By John M. Williams
John M. Williams, (Title) Vice President

05/01/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
MAR 5 1975

INSPECTOR'S WELL REPORT

Permit No. BAR-696

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Union Shale Co</u>				
Address <u>Buckhannon, W. Va</u>	Size			
Farm <u>JACOBS-McCAULEY</u>	16			Kind of Packer _____
Well No. _____	13			
District <u>Pleasant</u> County <u>Bolton</u>	11			Size of _____
Drilling commenced <u>1-30-75</u>	8 1/2			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water <u>30</u> feet _____ feet				
Salt water _____ feet _____ feet				

CASING CEMENTED 8 1/2" SIZE 1161 No. FT. _____ Date _____
NAME OF SERVICE COMPANY 210 Exp. Com. 3/6cc
Cement to Surface Steel Liner

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

REGIMES
Office of Oil and Gas

Drillers' Names Stephen B. Herman, Paul MAR 30 2026
Union Shale Co - Poter
WV Department of Environmental Protection

Remarks: Relg. & Quoting at 2715 ft
per Elk

Regime 1545-1720
Union 1720-1785
Cement 2170-2230
Set 3 2354-2370

2-3-75
DATE

Stephen B. Herman
DISTR 05/01/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. BAR-696

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Union Dry Co.</u>				
Address <u>1000 Harrison, W.V.</u>	Size			
Farm <u>Brookside - W. Va.</u>	16			Kind of Packer _____
Well No. _____	13	<u>32 (Pulled)</u>		
District <u>Pleasant</u> County <u>Bohannon</u>	10			Size of _____
Drilling commenced <u>1-30-75</u>	<u>8 1/2"</u>	<u>1161</u>		Depth set _____
Drilling completed <u>2-5-75</u> Total depth <u>4576</u>	<u>6 1/2"</u>	<u>4529</u>	<u>170 lbs. cement</u>	
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>5 1/2"</u> SIZE <u>(116)</u> No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Union Dry Co. - Charleston</u>			
Fresh water <u>30</u> feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET <u>7</u> INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Samuel Chapman - Prod. Union Dry Co. - Prod. MAR 30 2026

Remarks: Remaining 4 1/2" casing T.D. 4576

- Bohannon 1595-1720
- W. Va. 1720-1785
- W. Va. 2170-2230
- W. Va. 2359-2370
- W. Va. 4146-4170
- Bohannon 4425-4484

2-5-75
DATE

Paul Chapman
DISTRICT WELL INSPECTOR

05/01/2026

BAR-696

WELL NO. 1

ac. 55

MAP NO.

SQUARES

ELEV. 1310

OPER. Union Dry Co. FARM Jacobs-McCauley

MAG. DIST. Pleasant COUNTY Barbour

WK. DIST. 1-17-75 KBD. KBD-Russell

COMM. 1-30-75 COMP. 2-5-75 T.D. 4576

D.D. COMM. D.D. COMP. T.D.

DATE	REMARKS
	Pipe 13' 32' (Pulled)
	Howe Co 8 5/8" 1161 210 lbs cement 2 1/2 hrs
	Cement to surface
	4 1/2 4509 140 lbs cement
	Bighorn 1595-1720
	Clayton 1720-1785
	Alto 2170-2230
	5 1/2 2359-2370
Freshwater 30'	Riley 4146-4170
	Bingo 4425-4484
Coal	
	RECEIVED Office of Oil and Gas
	MAR 30 2026
	WV Department of Environmental Protection
CONTIN. Union Dry Co - Party	
Drillers Shambler - Morrison - Ball	
Inspected 1-29-75	
P. OK 2-3-75	
2-5-75	2715 ft
	4 1/2" pipe
	T.D. 4576

WW-4A
Revised 6-07

1) Date: 3/17/2026
2) Operator's Well Number
BAR-696

3) API Well No.: 47 - 001 - 00696

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:
(a) Name William E. Jr. and Gerry L. Jacobs
Address 471 Camp Run Road
Flemington, West Virginia 26347
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Kenny Willeit
Address 2393 Tallmansville Road
Buckhannon, WV 26201
Telephone 681-990-2567

5) (a) Coal Operator
Name Wolf Run Mining LLC
Address 100 Tygart Drive
Grafton, West Virginia 26354
(b) Coal Owner(s) with Declaration
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

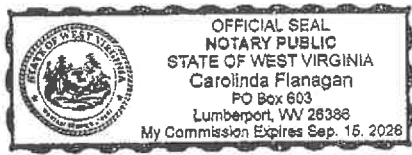
RECEIVED
Office of Oil and Gas
MAR 30 2026

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents ^{WV Department of Environmental Protection}

- (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 WV Mineral Group LLC
By: [Signature]
Its: U.P. OPERATIONS
Address PO BOX 167
Lumberport, WV 26386
Telephone (304)-848-8140

Subscribed and sworn before me this 17TH day of MARCH 2026
Carolinda Flanagan Notary Public
My Commission Expires 9/16/2026

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.

05/01/2026

SURFACE OWNER WAIVER

Operator's Well
Number

BAR-696

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 57th 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 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 _____
Signature		By _____
		Its _____

		Date _____

Signature

05/01/2026

Date

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection



Dustin T. Kimble
Land Agent
P 304•265•9777
E dustinkimble@coreresources.com

March 24, 2026

William E. Jr and Gerry L. Jacobs
471 Camp Run Road
Flemington, WV 26347

Re: Plugging Permit- API 47-001-00696

Mr. Jacobs,

As required by the permit process of the WV Department of Environmental Protection- Office of Oil and Gas enclosed please find a copy of the plugging permit applications for the above referenced well that Wolf Run Mining LLC plans to submit to the WV Department of Environmental Protection- Office of Oil and Gas on behalf of WV Mineral Group LLC.

If there are no objections to the plugging permit application, please sign the page titled Surface Owner Waiver and return in the enclosed self-addressed envelope.

If you have any questions concerning this application, please feel free to contact me at 304-265-9777 or at dustinkimble@coreresources.com to discuss this property.

Sincerely,

A handwritten signature in blue ink that reads 'Dustin Kimble'.

Dustin Kimble

RECEIVED
Office of Oil and Gas

MAR 30 2026

WV Department of
Environmental Protection

9589 0710 5270 0601 9822 14

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

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

Certified Mail Fee

\$

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

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

Postage

\$

Total Postage

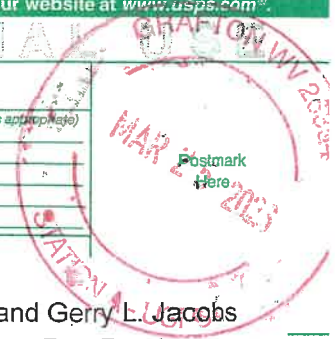
\$

Sent To

Street and

City, State,

William E Jr. and Gerry L. Jacobs
471 Camp Run Road
Flemington, WV 26347



RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

05/01/2026

WW-4B

API No.	<u>47-001-00696</u>
Farm Name	<u>McCauley & Jacobs</u>
Well No.	<u>BAR-696</u>

**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

MAR 30 2026

WV Department of
Environmental Protection

WAIVER

The undersigned coal operator X / 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: 3/18/2026

Wolf Run Mining LLC

By: *Matthew M. Jennings*
Its VICE PRESIDENT

05/01/2026

WW-9
(5/16)

API Number 47 - 001 - 00696
Operator's Well No. BAR-696

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

Operator Name WV Mineral Group LLC OP Code _____

Watershed (HUC 10) Camp Run Quadrangle Phillipi (545)

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

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

Will closed loop system be used? If so, describe: Yes, Gel circulated from tank through well bore and returned to tank

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

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

Additives to be used in drilling medium? Bentonite, Bicarbonate or Soda

RECEIVED
Office of Oil and Gas

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

MAR 30 2026

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

WV Department of
Environmental Protection

-Landfill or offsite name/permit number? Wolf Run Mining LLC- Permit NO. 0-113-83

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 Robert R. Hutson Sr

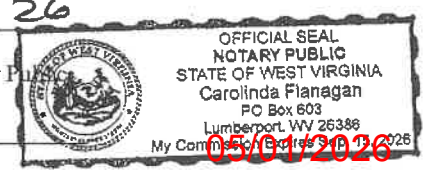
Company Official (Typed Name) Robert R. Hutson Sr

Company Official Title U.P Operations

Subscribed and sworn before me this 17TH day of MARCH, 20 26

Carolinda Flanagan Notary Public

My commission expires 9/15/2026



Proposed Revegetation Treatment: Acres Disturbed 1.5/2.0 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch Hay Bales Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	12	Orchard Grass	12
Landino Clover	3	Landino Clover	3
Timothy	10	Timothy	10

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.

RECEIVED
Office of Oil and Gas

Plan Approved by: Kenny Willett

MAR 30 2026

Comments: _____

WV Department of
Environmental Protection

Title: Inspector

Date: 3/20/26

Field Reviewed? () Yes () No

WV MINERAL GROUP LLC
PO BOX 167, Lumberport, West Virginia 26386

March 17, 2025

WV Department of Environmental Protection
Office of Oil and Gas
601 – 57th Street, S.E.
Charleston, West Virginia 25304

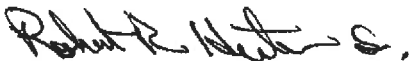
To Whom It May Concern:

As per the WV Department of Environmental Protection, Office of Oil and Gas request, Diversified Production LLC, submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil and Gas Pit Waste Discharge Application), Diversified Production LLC, will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well plugging is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to Wolf Run Mining LLC DEP impoundment facilities O011383 or to an approved facility that can handle the material.

Sincerely,



RECEIVED
Office of Oil and Gas

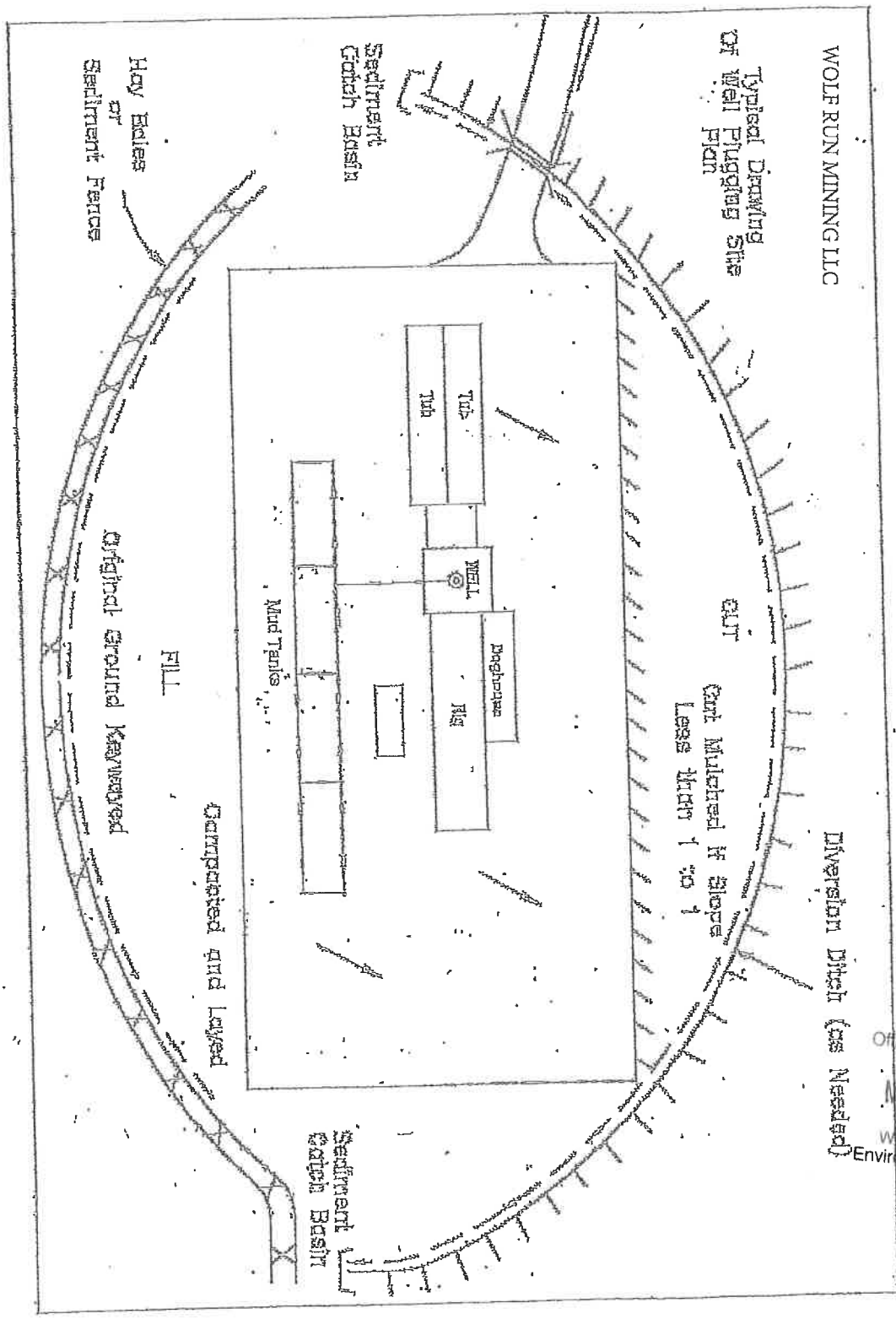
MAR 30 2026

WV Department of
Environmental Protection

05/01/2026

WOLF RUN MINING LLC

Typical Drawing
of Well Plugging Site



Diversion Ditch (as Needed)

RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

05/01/2026

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-001-00696 WELL NO.: BAR-696

FARM NAME: Jacobs & McCauley

RESPONSIBLE PARTY NAME: Wolf Run Mining LLC

COUNTY: Barbour DISTRICT: Pleasant

QUADRANGLE: Phillippi

SURFACE OWNER: William E. Jr. and Gerry L. Jacobs

ROYALTY OWNER: William E. Jr. and Gerry L. Jacobs

UTM GPS NORTHING: 4340484.66

UTM GPS EASTING: 576424.08 GPS ELEVATION: 1295.88

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.

[Signature] U.P. Operations 3-17-26
Signature Title Date

RECEIVED
Office of Oil and Gas
MAR 30 2026
WV Department of
Environmental Protection

05/01/2026



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

Plugging permit issued for 4700100696

1 message

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

Fri, May 1, 2026 at 9:48 AM

To: Kenny S Willett <kenny.s.willett@wv.gov>, Nicholas Bumgardner <nbumgardner@dgoc.com>, spencer@assessor.state.wv.us, "mervin@mullensandmullens.com" <mervin@mullensandmullens.com>

To whom it may concern, a plugging permit has been issued for 4700100696.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

 **4700100696.pdf**
6392K

05/01/2026