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west virginia department of environmental protection

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

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

Monday, November 6, 2023  
WELL WORK PLUGGING PERMIT  
Coal Bed Methane Well Plugging

WEST VIRGINIA LAND RESOURCES, INC.  
46226 NATIONAL ROAD WEST

ST. CLAIRSVILLE, OH 43950

Re: Permit approval for RR33A  
47-103-02387-00-00

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

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

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

James A. Martin  
Chief

Operator's Well Number:  
Farm Name: TALL TIMBER, INC.  
U.S. WELL NUMBER: 47-103-02387-00-00  
Coal Bed Methane Well Plugging  
Date Issued: 11/6/2023

Promoting a healthy environment.

11/10/2023

# PERMIT CONDITIONS

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

## CONDITIONS

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

1) Date AUGUST 11, 2023  
2) Operator's  
Well No. RR-33A  
3) API Well No. 47-100-02317

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  / Liquid injection / Waste disposal /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow \_\_\_

5) Location: Elevation 914.080' Watershed PICKENPAW RUN OF PRICE RUN OF SOUTH FORK FISHING CREEK  
District GRANT County WETZEL Quadrangle BIG RUN W.VA

6) Well Operator WEST VIRGINIA LAND RESOURCES INC. 7) Designated Agent DAVID RODDY  
Address 1 BRIDGE STREET Address 1 BRIDGE STREET  
MONONGAH, WV 26554 MONONGAH, WV 26554

8) Oil and Gas Inspector to be notified Name STEVE MCCOY  
Address 13016 INDIAN CREEK RD.  
JACKSONBURG, WV 26377  
9) Plugging Contractor Name \_\_\_\_\_  
Address \_\_\_\_\_

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

**See Exhibit No. 1 and MSHA 101-C Exemption**

**Harrison County Mine (MSHA ID# 46-01318)  
MSHA 101-C Docket No. M-2016-019-C**

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Approximate Surface Elevation = 914.08'  
Approximate Bottom of Coal = 162.00'  
Approximate Depth = 752.08'

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

Work order approved by inspector Stephen Mccoy Digitally signed by Stephen Mccoy  
Date: 2023.10.13 21:31:09 -04'00' Date \_\_\_\_\_

11/10/2023



Select County: (103) **Wetzel**    Select datatypes:  (Check All)

Enter Permit # **2387**     Location     Production     Plugging

Get Data         Owner/Completion     Stratigraphy     Sample

Pay/ShowWater     Logs     Rim Hole Loc

- [Table Descriptions](#)
- [County Code Terminology](#)
- [Form/Structure/Status](#)
- [Using Notes](#)
- [Locational Information](#)
- [Operator](#)
- [WV O&G Data](#)
- [Index Files](#)

WV Geological & Economic Survey    Well: County = 103 Permit = 2387    [Link to all digital records for well](#)    Report Time    Friday, August 11, 2023 7:28:40 AM

Location Information: **View Map**  
 API 4710302387    COUNTY PERMIT TAX DISTRICT QUAD 75 QUAD 18    LAT DD 39.513574    LON DD -80.507816    UTM    UTM  
 4710302387    Wetzel    Grant    Big Run    Latitude    39.513574    -80.507816    542328.6    4372886.6

There is no Bottom Hole Location data for this well

Owner Information:  
 API 4710302387    CMP\_DT 1/21/2009    SUFFIX Original Loc.    STATUS Completed    SURFACE\_OWNER Tell Timber Inc    WELL\_NUM R333A    LEASE\_NUM CNX Gas Co LLC (Neph)

Completion Information:  
 API 4710302387    CMP\_DT 1/21/2009    DT ELEV DATUM 911    FIELD Ground Level    DEEPEST\_FM Pittsburgh coal    DEEPEST\_FRT Pittsburgh coal    INITIAL\_CLASS Development Well    FINAL\_CLASS Development Well    TYPE    RIG    CMP\_MTHD    TWD    TMD    NEW    FTG    KOD    G\_BEF    G\_AFT    O\_BEF    O\_AFT    NGL\_BEF    NGL\_AFT    P\_BEF    TI\_BEF    P\_AFT    TI\_AFT

Pay/ShowWater Information:  
 API 4710302387    CMP\_DT 1/21/2009    ACTIVITY    PRODUCT    SECTION    DEPTH\_TOP    FM\_TOP    DEPTH\_BOT    FM\_BOT    G\_BEF    G\_AFT    O\_BEF    O\_AFT    WATER\_QNTY

Production Gas Information: (Volumes in MCF)  
 API 4710302387    PROD\_YEAR 2022    ANN\_GAS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DCM

Production Oil Information: (Volumes in Bbl)    \*\* some operators may have reported NGL under Oil  
 API 4710302387    PROD\_YEAR 2022    ANN\_OIL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DCM

Production NGL Information: (Volumes in Bbl)    \*\* some operators may have reported NGL under Oil  
 API 4710302387    PROD\_YEAR 2022    ANN\_NGL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DCM

Production Water Information: (Volumes in Gallons)  
 API 4710302387    PROD\_YEAR 2022    ANN\_WTR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DCM

There is no Stratigraphy data for this well

Wireline (E-Log) Information:  
 \* There is no Scanned/Raster Log data for this well

\* There is no Digitized/LAS Log data for this well

\* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

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WR-35  
Rev (5-01)

DATE: 6/5/2009  
API #: 47-10302387 C.M

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Tall Timber Inc. Operator Well No.: RR 33A

LOCATION: Elevation: 911.81 Quadrangle: Big Run

District: Grant County: Wetzel  
Latitude:            Feet South of 39 Deg. 48 Min. 56 Sec.

Longitude:            Feet West of 80 Deg. 38 Min. 28 Sec.

Company: CNX Gas Company, LLC

|                                                    | Casing & Tubing | Used In drilling | Left in well | Cement Fill Up (# of Sacks) |
|----------------------------------------------------|-----------------|------------------|--------------|-----------------------------|
| Address: 2481 John Nash BLVD                       | 9 5/8"          |                  | 40'          | Sanded in                   |
| Bluefield WV 24701                                 | 7"              |                  | 425.2        | 100 sks Class A             |
| Agent: Les Arrington                               |                 |                  |              |                             |
| Inspector: David Cowan                             |                 |                  |              |                             |
| Date Perm. Issued: 11/10/2008                      |                 |                  |              |                             |
| Date Well Work Commenced: 12/9/2008                |                 |                  |              |                             |
| Date Well Work Completed: 1/21/2009                |                 |                  |              |                             |
| Verbal Plugging:                                   |                 |                  |              |                             |
| Date Permission granted on: 11/10/2008             |                 |                  |              |                             |
| Rotary Cable <u>Big</u>                            |                 |                  |              |                             |
| Total Depth (feet): <del>640</del> <u>746</u>      |                 |                  |              |                             |
| Fresh Water Depth (ft.): <del>300</del> <u>360</u> |                 |                  |              |                             |
| Salt Water Depth (ft.): N/A                        |                 |                  |              |                             |
| Is coal being mined in area (N/Y)? Yes             |                 |                  |              |                             |
| Coal Depths (ft.): 640', 746'                      |                 |                  |              |                             |

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OPEN FLOW DATA

Producing formation Pittsburgh depth (ft) 746'  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Gas Well DOE RR-33(API No. 47-10302387) is a horizontal well for CNX Gas Company, LLC. Refer to the attached information for additional information.

Signed: \_\_\_\_\_  
By: \_\_\_\_\_  
Date: \_\_\_\_\_

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Figure 1  
RR-33



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## Exhibit Number 1

West Virginia Land Resource will utilize the following methods to plug CBM wells. CBM wells are a directionally drilled well with horizontal wellbores through the Pittsburgh coal seam. The well bores through the coal will be water infused for first intersection of the laterals. Then the lateral system will be filled with either cement/grout or a polymer Gel. The vertical wellbore will be cleaned out to the total depth or attainable bottom (PBD). The well sump, 7" casing, and packer will be pulled if possible. This proposed method of plugging the wellbore will apply to that portion of the wellbore from the top of the coal seam to be mined to the surface. All Casings will be removed and at no time will more than a single string be left in the wellbore.

All Casing will be removed so that only a single string will be left in the wellbore, if it cannot be removed. A borehole survey will be conducted to determine the top and bottom of the coal seam to be mined. In addition, starting at a point 5' below through 5' the coal to be mined, any metal casing shall be ripped, cut or perforated on no greater than 5' interval. Before or after mine through this well will be plugged with cement to the surface from a point at or above the Pittsburgh Coal with a solid plug.

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In the matter of:  
The Harrison County Coal Company  
Harrison County Mine  
I.D. No. 46-01318

Petition for Modification

MSHA 101C  
EXEMPTION

Docket No. M-2016-019-C

### DECISION AND ORDER

On May 31, 2016, a petition was filed seeking a modification of the application of 30 C.F.R. § 75.1700 to The Harrison County Coal Company's Harrison County Mine located in Marion County, West Virginia. The Petitioner filed the petition to permit an alternative method of compliance with the standard with respect to vertical to horizontal oil and gas wells into the underground coal seams. The petitioner request to amend their current Proposed Decision and Order (PDO) granted by MSHA on July 13, 2001, under Docket M-2001-015-C formerly known as Consolidation Coal Company, Robinson Run No. 95 mine to the alternate method stipulated in the April 29, 2013 PDO granted to ACI Tygart Valley, Leer Mine.

The Petitioner alleges that the proposed alternative method will at all times guarantee no less than the same measure of protection afforded miners under 30 C.F.R. § 75.1700 as that provided by the standard, which states:

#### **§ 75.1700 Oil and gas wells.**

Each operator of a coal mine shall take reasonable measures to locate oil and gas wells penetrating coalbeds or any underground area of a coal mine. When located, such operator shall establish and maintain barriers around such oil and gas wells in accordance with State laws and regulations, except that such barriers shall not be less than 300 feet in diameter, unless the Secretary or his authorized representative permits a lesser barrier consistent with the applicable State laws and regulations where such lesser barrier will be adequate to protect against hazards from such wells to the miners in such mine, or unless the Secretary or his authorized representative requires a greater barrier where the depth of the mine, other geologic conditions, or other factors warrant such a greater barrier.

The Petition addresses items for which District Manager approval is required, procedures for cleaning out and preparing oil and gas wells prior to plugging or re-plugging, procedures for plugging or re-plugging oil or gas wells to the surface, procedures for plugging or re-plugging oil or gas wells for use as degasification boreholes, alternative procedures for preparing and plugging or re-plugging oil or gas

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**the lowest mineable coal seam for wells less than 4000 feet in depth and 400 feet below the lowest mineable coal seam for wells 4000 feet or greater, unless the District Manager requires cleaning out and removal of casing to a greater depth based on his judgement as to what is required due to geological strata, or due to the pressure within the well.**

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, 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. The mine operator shall document what has been done to "kill the well" and plug the hydrocarbon producing strata.

- (5) If the upper-most hydrocarbon-producing stratum is within 300 feet of the base of the coal seam to be mined, or lowest mineable seam, whichever is lower, 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 coal seam to be mined, or lowest mineable seam, whichever is lower, 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 RE-PLUGGING 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 re-plug wells:

- (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 coal seam to be mined, or lowest mineable seam, whichever is lower, (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-inch or larger diameter 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 be marked with a physical monument (e.g. prime farmland), high-resolution GPS coordinates (one-half meter resolution) are required.

c. MANDATORY PROCEDURES FOR PLUGGING OR RE-PLUGGING OIL AND GAS WELLS FOR USE AS DEGASIFICATION WELLS

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

- (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 coal seam to be mined, or lowest mineable seam, whichever is lower, 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 plug all degasification wells using the following procedures:
  - (i) The operator shall insert a tube to the bottom of the well or, if not possible, to within 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-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.
  - (iv) This provision does not apply to traditional degasification holes which have not intersected the seam to be mined, have not commercially produced gas and have no API number.

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

The following provisions apply to all wells which the operator determines, and with which 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 coal seam to be mined, or lowest mineable seam, whichever is lower, 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 least every 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 coal seam to be mined, or lowest mineable seam, whichever is lower, 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 diagram shown in Appendix A is representative of the locations of the perforations or ripping that must be done.

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 coal seam to be mined, or lowest mineable seam, whichever is lower, to a point at least 50 feet above the seam being mined, the operator shall fracture in at least six places 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. Logs shall consist of a caliper survey, a bond log if applicable, a deviation survey, and a gamma log for determining the top, bottom, and thickness of all coal seams down to the coal seam to be mined, **or lowest mineable seam, whichever is lower**, potential hydrocarbon producing strata and the location of any existing 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.
- (6) 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 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.
- (7) 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-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 shall discuss the nature of each hole. The District Manager may

require that more than one method be utilized. The mine operator may submit an alternative plan to the District Manager for approval to use different methods to address wells that cannot be completely cleaned out. The District Manager may require additional documentation and certification by a registered petroleum engineer to support the proposed alternative methods.

**3. MANDATORY PROCEDURES WHEN MINING WITHIN A 100-FOOT DIAMETER BARRIER AROUND 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 intersecting any plugged or re-plugged 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 related to the condition of the well or surrounding strata when such conditions are encountered.
- b. The operator shall intersect 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 intersecting 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, distance markers shall be installed on 5-foot centers for a distance of 50 feet in advance of the well in the headgate entry and in the tailgate entry.
- 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 well intersection (when either the conventional or continuous mining method is used) is available and operable during all well intersections. 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 intersecting 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 intersecting 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. During the actual cutting process, no individual shall be allowed on the return side until the well intersection has been completed, and the area has been examined and declared safe. All workplace examinations on the return side of the shearer will be conducted while the shearer is idle. The operator's most current Approved Ventilation Plan will be followed at all times unless the District Manager deems a greater air velocity for the intersect is necessary.
- 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 intersecting 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 to be safe before permitting mining to resume.
- k. After a well has been intersected and the working place determined to be 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 than 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 the use of torches.

- m. Non-sparking (brass) tools will be available and will be used exclusively to expose and examine cased wells.
- n. No person shall be permitted in the area of the well intersection 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 well intersection shall be under the direct supervision of a certified individual. Instructions concerning the well intersection shall be issued only by the certified individual in charge.
- q. If the mine operator cannot find the well in the longwall panel or if a development section misses the anticipated intersection, the operator shall cease mining to examine for hazardous conditions at the projected location of the well, notify the District Manager, and take reasonable measures to locate the well, including visual observation/inspection or through survey data. Mining may resume if the well is located and no hazardous conditions exist. If the well cannot be located, the mine operator shall work with District Manager to resolve any issues before mining resumes.
- r. The provisions of this Order do not impair the authority of representatives of MSHA to interrupt or halt the well intersection, 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 well intersection 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. 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.

- s. A copy of this Order shall be maintained at the mine and be available to the miners.
- t. If the well is not plugged to the total depth of all minable coal seams identified in the core hole logs, any coal seams beneath the lowest plug will remain subject to the barrier requirements of 30 C.F.R. § 75.1700, should those coal seams be developed in the future.
- u. All necessary safety precautions and safe practices according to Industry Standards, required by MSHA regulations and State regulatory agencies having jurisdiction over the plugging site will be followed to provide the upmost protection to the miners involved in the process.
- v. All miners involved in the plugging or re-plugging operations will be trained on the contents of this Petition prior to starting the process and a copy of this Petition will be posted at the well site until the plugging or re-plugging has been completed.
- w. Mechanical bridge plugs should incorporate the best available technologies that are either required or recognized by the State regulatory agency and/or oil and gas industry.
- x. 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 on compliance with the terms and conditions stated in the Order. The operator shall provide all miners involved in well intersection with training on the requirements of this Order prior to mining within 150 feet of the next well intended to be mined through.
- y. The responsible person required under 30 C.F.R. § 75.1501 Emergency Evacuations, is responsible for well intersection emergencies. The well intersection procedures should be reviewed by the responsible person prior to any planned intersection.
- z. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved mine emergency evacuation and firefighting program of instruction required under 30 C.F.R § 75.1502. The operator will revise the program of instruction 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 submittal.

**SUBJECT TO THE ABOVE TERMS AND CONDITIONS**, and 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 Harrison County Coal Company's Harrison County Mine is hereby **GRANTED**.

**DISTRIBUTION**

*Winfield Wilson  
Office of the Solicitor, U.S. Dept. of Labor  
201 12<sup>th</sup> St S, Suite 401  
Arlington, VA 22202*

*Christopher D. Pence  
Hardy Pence PLLC  
500 Lee Street East, Suite 701  
Charleston, WV 25301*

*Stephen Gigliotti  
Coal Mine Safety & Health, Safety Division  
Mine Safety and Health Administration, U.S. Dept. of Labor  
201 12<sup>th</sup> St S, Suite 401  
Arlington, VA 22202*

*Sheila McConnell  
Office of Standards Regulations and Variances  
Mine Safety and Health Administration, U.S. Dept. of Labor  
201 12<sup>th</sup> St S, Suite 401  
Arlington, VA 22202*

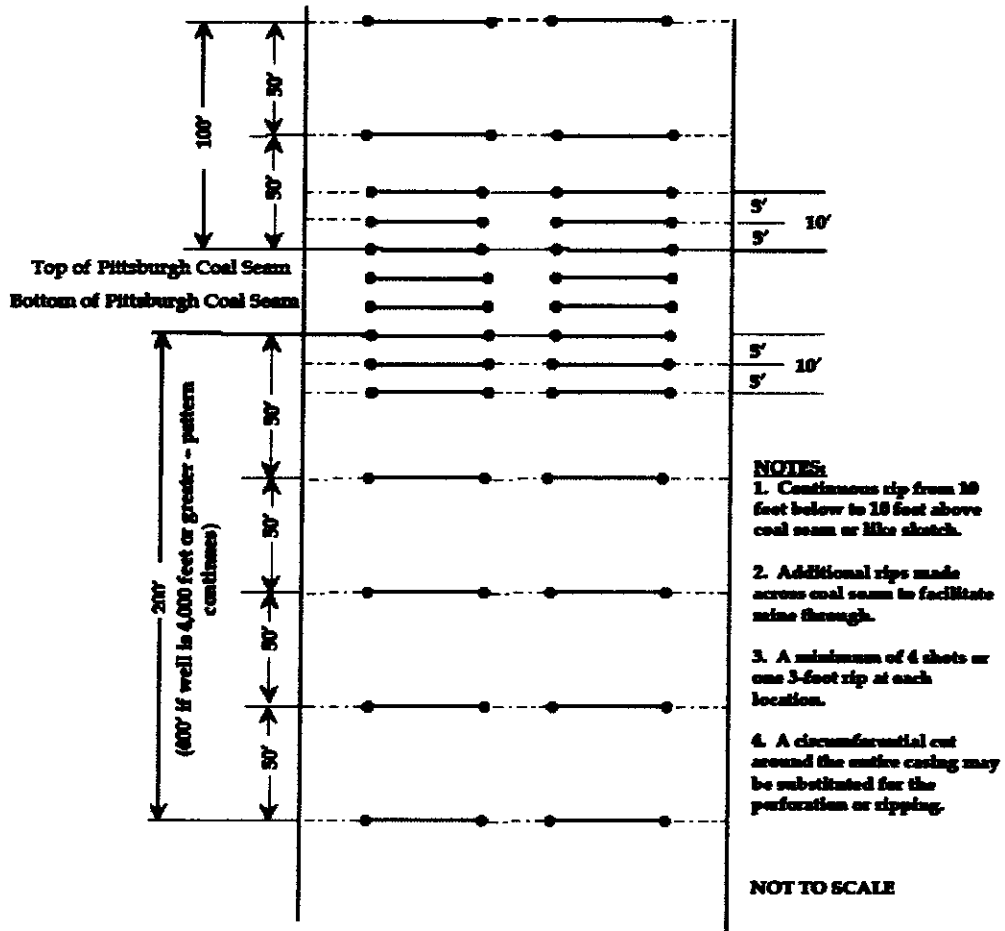
*David Roddy  
Harrison County Coal Company  
1 Bridge Street  
Monongah, WV 26554*

*Greg J. Norman, Director  
West Virginia Office of Miners' Health Safety & Training  
#7 Players Club Dr. Suite 2  
Charleston WV 25311*

*Todd Toothman  
UMWA Representative, Harrison County Coal Mine  
53 Casey Lane  
Metz, West Virginia 26585*

*David Hollis  
UMWA Representative, Harrison County Coal Mine  
P. O. Box 362  
Pursglove, WV 26546*

Appendix A



1) Date: AUGUST 11, 2023  
 2) Operator's Well Number RR-33A  
 3) API Well No.: 47 - 103 - 02387

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>DOUGLAS JOE SMITH</u><br/>                 Address <u>4464 MANNINGTON RD</u><br/> <u>SMITHFIELD, WV 26437</u></p> <p>(b) Name _____<br/>                 Address _____</p> <p>(c) Name _____<br/>                 Address _____</p> <p>6) Inspector <u>STEVE MCCOY</u><br/>                 Address <u>13016 INDIAN CREEK RD.</u><br/> <u>JACKSONBURG, WV 26377</u><br/>                 Telephone <u>(681) 344-3265</u></p> | <p>5) (a) Coal Operator</p> <p>Name <u>WEST VIRGINIA LAND RESOURCES INC.</u><br/>                 Address <u>1 BRIDGE STREET</u><br/> <u>MONONGAH, WV 26554</u></p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____<br/>                 Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____<br/>                 Address _____</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

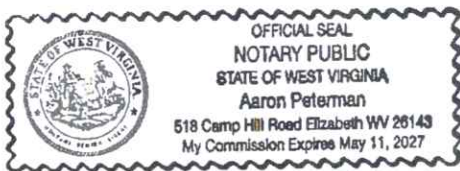
**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (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.

*[Signature]*  
 RECEIVED  
 Office of Oil and Gas



Well Operator WEST VIRGINIA LAND RESOURCES INC.  
 By: DAVID RODDY  
 Its: PROJECT ENGINEER  
 Address 1 BRIDGE STREET  
MONONGAH, WV 26554  
 Telephone (304) 534-4748

OCT 18 2023  
 WV Department of  
 Environmental Protection

Subscribed and sworn before me this 17<sup>th</sup> day of August  
*[Signature]* Notary Public  
 My Commission Expires 5/11/23

**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 [deprivacyofficer@wv.gov](mailto:deprivacyofficer@wv.gov).

11/10/2023

7018 3090 0001 5307 4110

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

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

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\$ \_\_\_\_\_

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

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Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage

\$ \_\_\_\_\_

Total Postage and Fees

\$ \_\_\_\_\_

Sent To

Doug Smith

Street and Apt. No., or PO Box No.

4464 Mannington Rd.

City, State, ZIP+4®

Smithfield, WV 26437



PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

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Environmental Protection

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WW-4B

API No. 47-103-02387  
Farm Name \_\_\_\_\_  
Well No. RR-33A

**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.

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**WAIVER**

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

Date: 10/12/23

By: [Signature]  
Its Absent

11/10/2023





WW-9  
(5/16)

API Number 47 - 103 - 02387  
Operator's Well No. \_\_\_\_\_

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

Operator Name WEST VIRGINIA LAND RESOURCES INC. OP Code \_\_\_\_\_

Watershed (HUC 10) PICKERPAW RUN OF PRICE RUN OF SOUTH FORK FISHING CREEK Quadrange BIG RUN W.VA

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 thru well bore and returned to tank

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

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

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

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.

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

-Landfill or offsite name/permit number? N/A

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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 [Signature]

Company Official (Typed Name) David Roddy

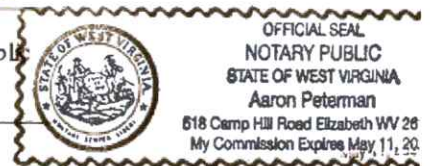
Company Official Title Project Engineer

Subscribed and sworn before me this 17<sup>th</sup> day of August, 2023

[Signature]

Notary Public

My commission expires 5/11/23



11/10/2023

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

Lime 3 \_\_\_\_\_ Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 \_\_\_\_\_ lbs/acre

Mulch 2 \_\_\_\_\_ Tons/acre

**Seed Mixtures**

| Temporary             |            | Permanent             |            |
|-----------------------|------------|-----------------------|------------|
| Seed Type             | lbs/acre   | Seed Type             | lbs/acre   |
| <u>See Attachment</u> | <u>100</u> | <u>See Attachment</u> | <u>100</u> |
| _____                 | _____      | _____                 | _____      |
| _____                 | _____      | _____                 | _____      |

**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.

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Plan Approved by: Stephen Mccoy Digitally signed by Stephen Mccoy  
Date: 2023.10.13 21:30:28 -04'00'

OCT 18 2023

Comments: Properly reclaim, seed, and mulch all disturbed areas.

WV Department of  
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Title: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed?  Yes  No

**CAUDILL SEED**

• 1884 E MAIN HWY 68 HOUSE #2 • MOREHEAD KY 40351 • PMS # 4923



**NOTICE TO CONSUMERS**

"Notice: Arbitration/dispute resolution required by several states. Under the seed laws of several states, arbitration, mediation, or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed, to which this notice is attached, to produce as represented. The consumer shall file a complaint (forms for AR, FL, IN, MS, NC, TX, WA, signed only CA, MD, ND, SD) along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commission (if), or Chief Agricultural Officer within such time as to permit inspection of the crops, plants, or trees by the designated agency and the seedman from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute."

MIXTURE-COASTAL SEED 2015

LOT NO 711888

CROP: .58

INERT: 1.56

NET WT 50

NEED SEED

26

KIND  
 ANNUAL RYEGRASS  
 ORCHARDGRASS  
 COATING MATERIAL  
 PERENNIAL RYEGRASS  
 CLOVER  
 COATING MATERIAL  
 TIMOTHY  
 BROS NOT TREFOLI  
 COATING MATERIAL  
 LADINO CLOVER  
 COATING MATERIAL

VARIETY  
 MAGNUM  
 POTOMAC

LINN  
 NOT STATED

CLIMAX  
 NOT STATED

SEMINOLE

| ORG | PURE  | GERM  | HARD  | DORM | TEST  |
|-----|-------|-------|-------|------|-------|
| OR  | 25.40 | 85.00 | .00   | .00  | 10/16 |
| OR  | 11.35 | 85.00 | .00   | .00  | 10/16 |
| OR  | 19.60 | 85.00 | .00   | .00  | 10/16 |
| OR  | 19.60 | 85.00 | .00   | .00  | 10/16 |
| CAN | 2.83  | 83.00 | 7.00  | .00  | 10/16 |
| CAN | 1.91  | 83.00 | .00   | .00  | 10/16 |
| OR  | 3.17  | 60.00 | 25.00 | .00  | 10/16 |
|     | 1.70  | .00   | .00   | .00  | 10/16 |

NOTICE TO BUYER: WE WARRANT THAT SEEDS WE SELL WILL CONFORM TO THE LABEL DESCRIPTION REQUIRED UNDER STATE AND FEDERAL LAWS, WITHIN RECOGNIZED TOLERANCES. WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE, WHICH WOULD EXTEND BEYOND SUCH DESCRIPTIONS, AND IN ANY EVENT OUR LIABILITY FOR BREACH OF ANY WARRANTY OR CONTRACT WITH RESPECT TO SUCH SEED IS LIMITED TO THE PURCHASE PRICE OF SUCH SEEDS.

Herb  
 Treatments

NOXIOUS WEEDS PER LB

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Consolidation Coal Company  
Northern West Virginia Operations  
1 Bridge Street  
Monongah, WV 26554

phone: 304-534-4748  
fax: 304-534-4739  
e-mail: [ronnieharsh@consolenergy.com](mailto:ronnieharsh@consolenergy.com)  
web: [www.coalsource.com](http://www.coalsource.com)

\*Name: RONNIE HARSH  
\*title: Project Engineer

April. 7, 2014

Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345  
Phone: (304) 926-0499  
Fax: (304) 926-0452

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To Whom It May Concern:

As per the Department of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company, Northern West Virginia Operations, submits the following procedures utilizing pit waste.

Upon submitting a well work application (without general permit for Oil and Gas Pit Waste Discharge Application), Consolidation Coal Company, Northern West Virginia Operations, will construct no pits, but instead will use mud tanks to contain all drilling muds.

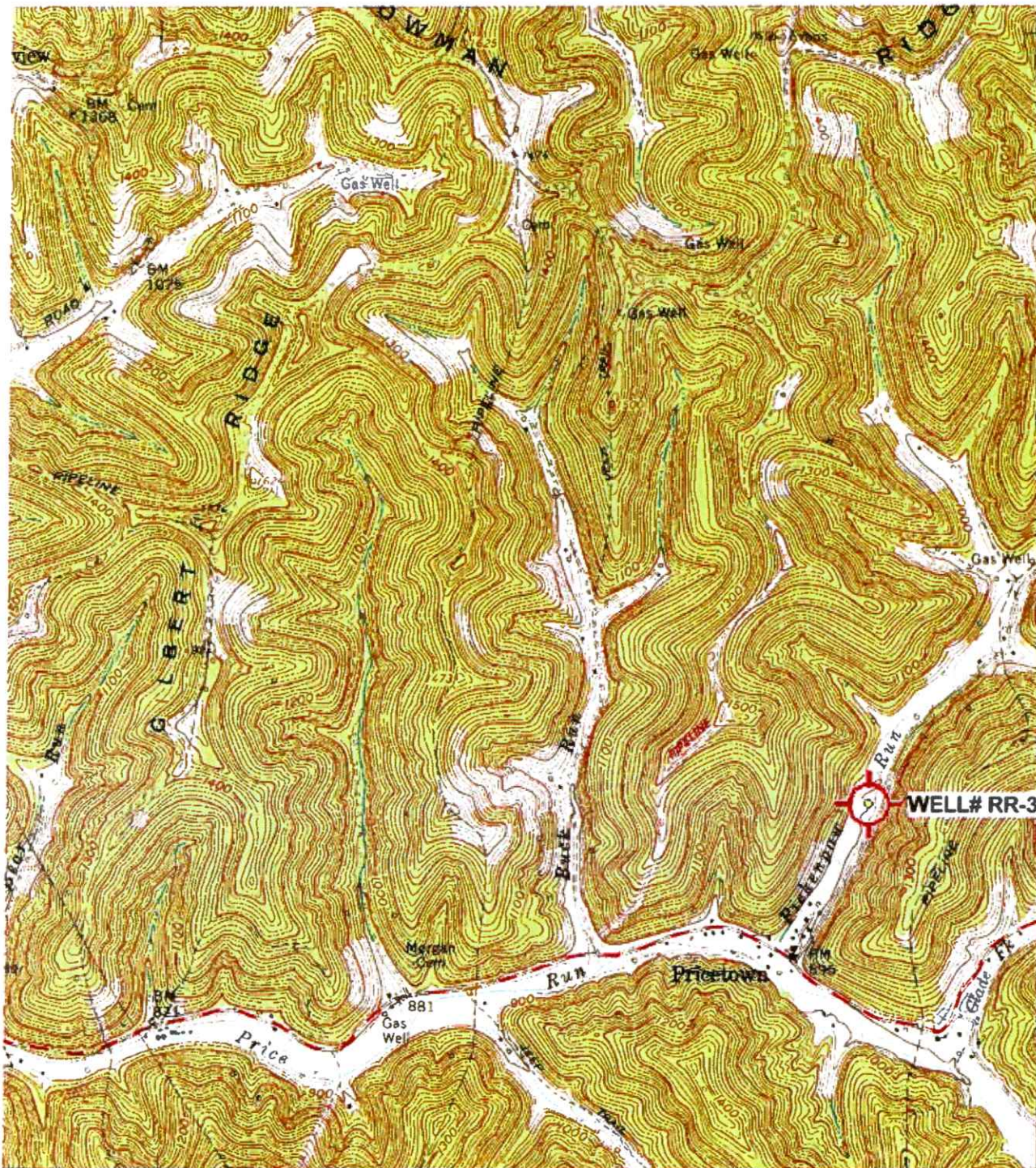
Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP impoundment facilities number U-78-83, U-104-83, or U-1011-93.

Sincerely,



Ronnie Harsh  
Project Engineer

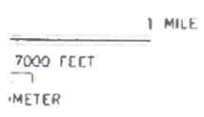
11/10/2023



32' 30"  
476  
475  
39° 30'  
80° 30'

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**WELL# RR-33A**



Revisions shown in purple compiled in cooperation with State of West Virginia agencies from aerial photographs taken 1976. This information not field checked.

EQUEST

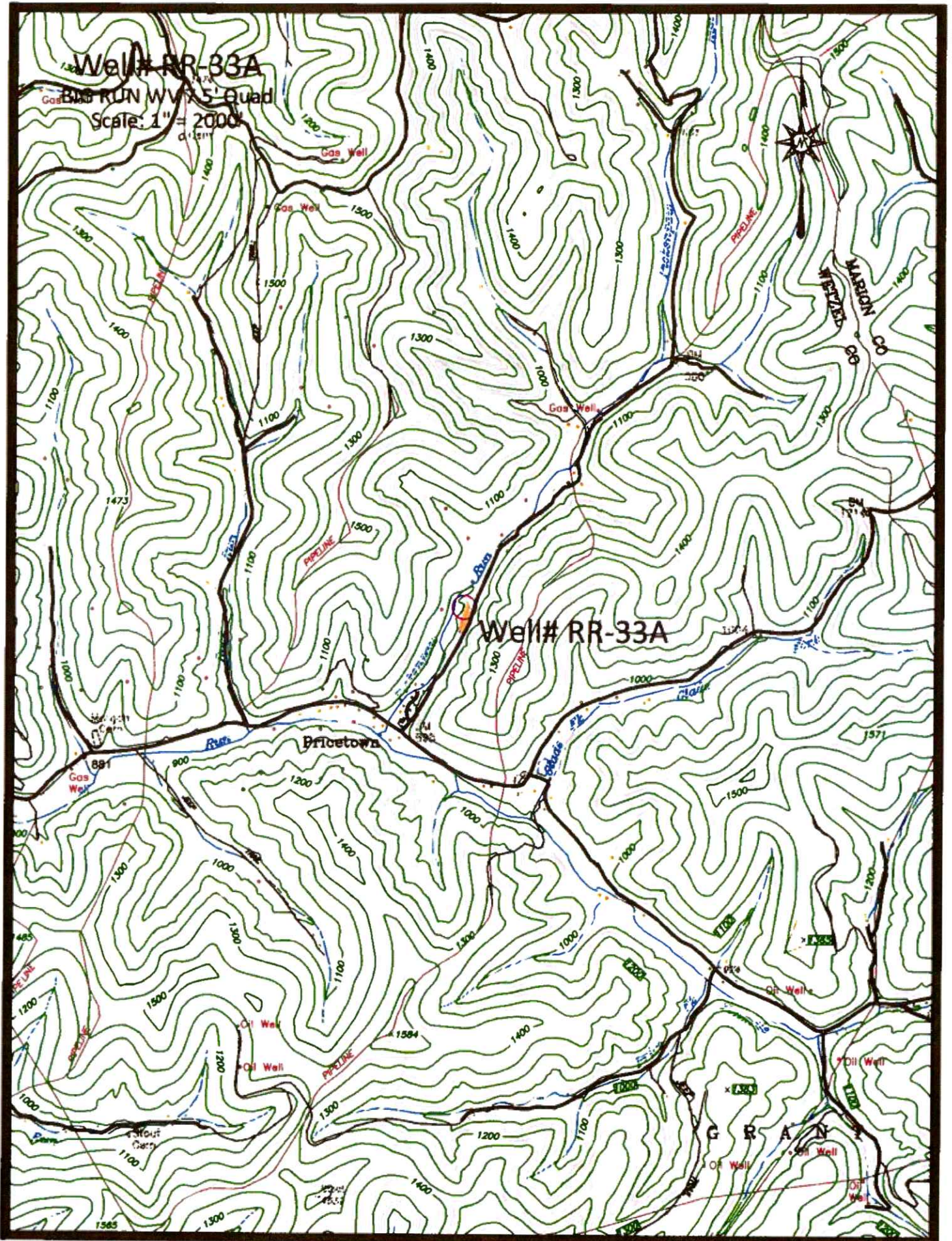
ROAD CLASSIFICATION

- Heavy-duty
- Medium-duty
- Light-duty
- Unimproved dirt
- Slate Route

**BIG RUN, W. VA.**  
SE/4 LITTLETON 15' QUADRANGLE  
N3930—W8030/7.5

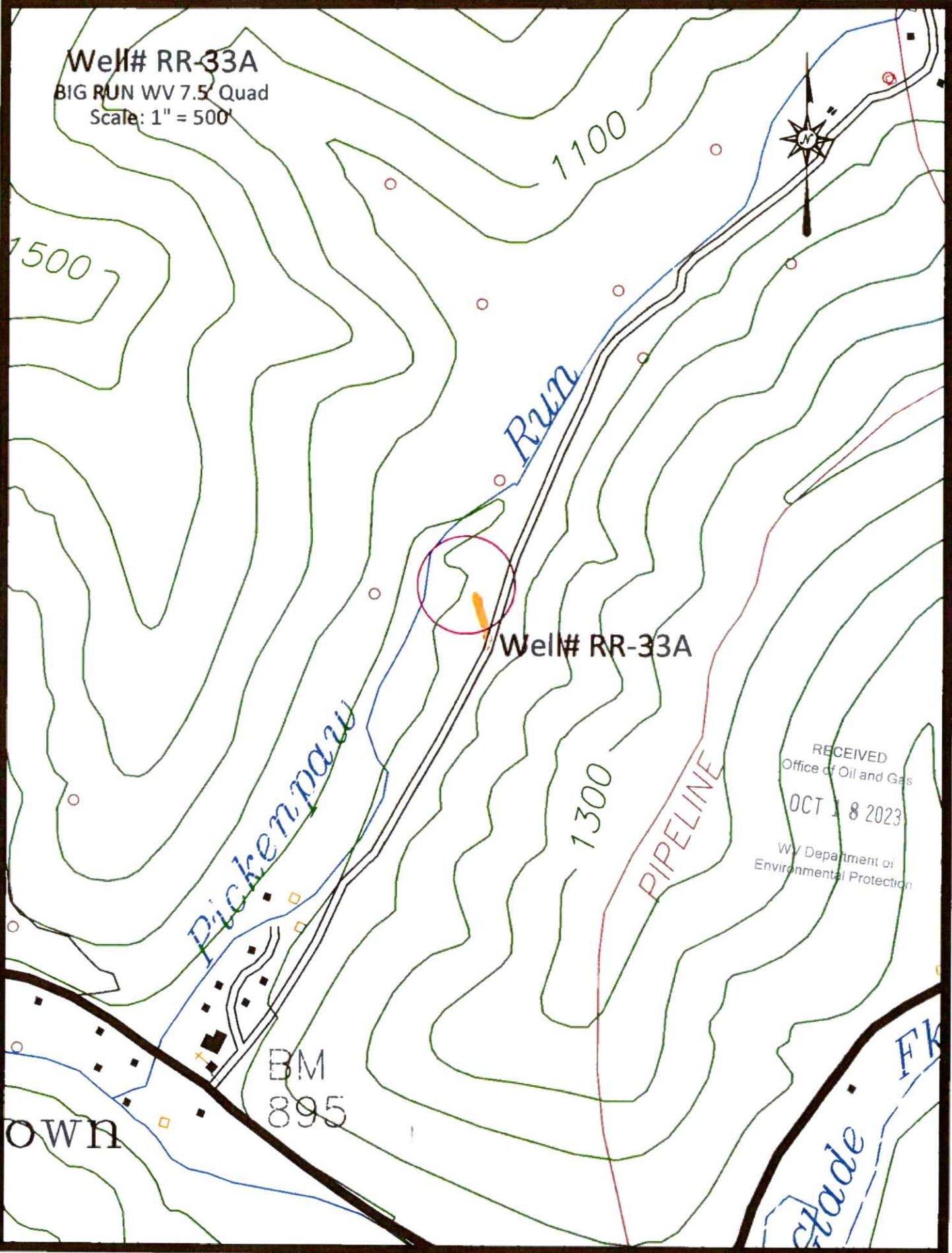
1960  
UNITED STATES GEOLOGICAL SURVEY  
AMS 4863 II SE—SERIES V854

(WALLACE)  
2882 N-W



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Well# RR-33A  
BIG RUN WV 7.5' Quad  
Scale: 1" = 500'



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

---

## plugging permits issued for 4710302302 02303 02387 02386

1 message

---

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

Mon, Nov 6, 2023 at 2:13 PM

To: "Roddy, David" <DavidRoddy@acnrinc.com>, Stephen E McCoy <stephen.e.mccoy@wv.gov>, slemley@wvassessor.com


TO whom it may concern, plugging permits have been issued for 4710302302 02303 02387 02386.


James Kennedy


WVDEP OOG


---

### 4 attachments

 **4710302386.pdf**  
2990K

 **4710302387.pdf**  
2788K

 **4710302303.pdf**  
4182K

 **4710302302.pdf**  
5357K