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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)

Thursday, May 4, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

WEST VIRGINIA LAND RESOURCES, INC.  
46226 NATIONAL ROAD WEST

ST. CLAIRSVILLE, OH 43950

Re: Permit approval for 7297  
47-103-03579-00-00

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: 7297  
Farm Name: YVONNE R MCFADDEN  
U.S. WELL NUMBER: 47-103-03579-00-00  
Vertical Plugging  
Date Issued: 5/4/2023

Promoting a healthy environment.

05/05/2023

## 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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. 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.



EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal Northern West Virginia Operations will utilize the following method to plug all future wells.

SOLID PLUG METHOD

~~(a)~~ If active well: clean out to total depth and set solid cement plug from TD back to minimum of 200 feet below lowest minable coal seam



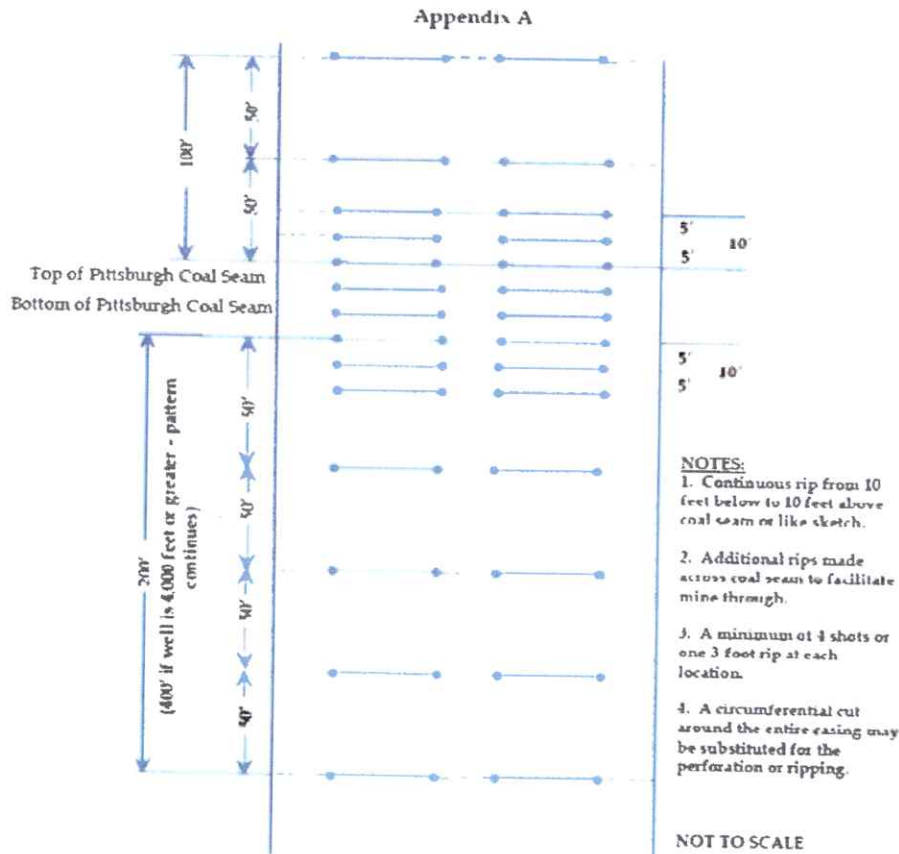
<sup>PLUGGED</sup> (b) If abandoned well: Entire wellbore will be loaded with Gel and will clean out to at least 200 feet below lowest minable coal seam.

(c) A diligent attempt will be made by pulling 150% of the calculated string weight to remove casing.

(d) If all diligent attempts fail, the casing will be cut, ripped or perforated according to Appendix A below

(c) Circulate through tubing or drill steel an expanding Class A cement plug from a minimum of 200 feet below lowest minable coal seam to 100' above coal seam.

(d) Tag previous cement plug, cement from 100' above coal seam to surface.



RECEIVED  
Office of Oil and Gas  
APR 14 2023

WV Department of  
Environmental Protection

Stephen  
Mccoy

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Mccoy  
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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

05/05/2023

**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*

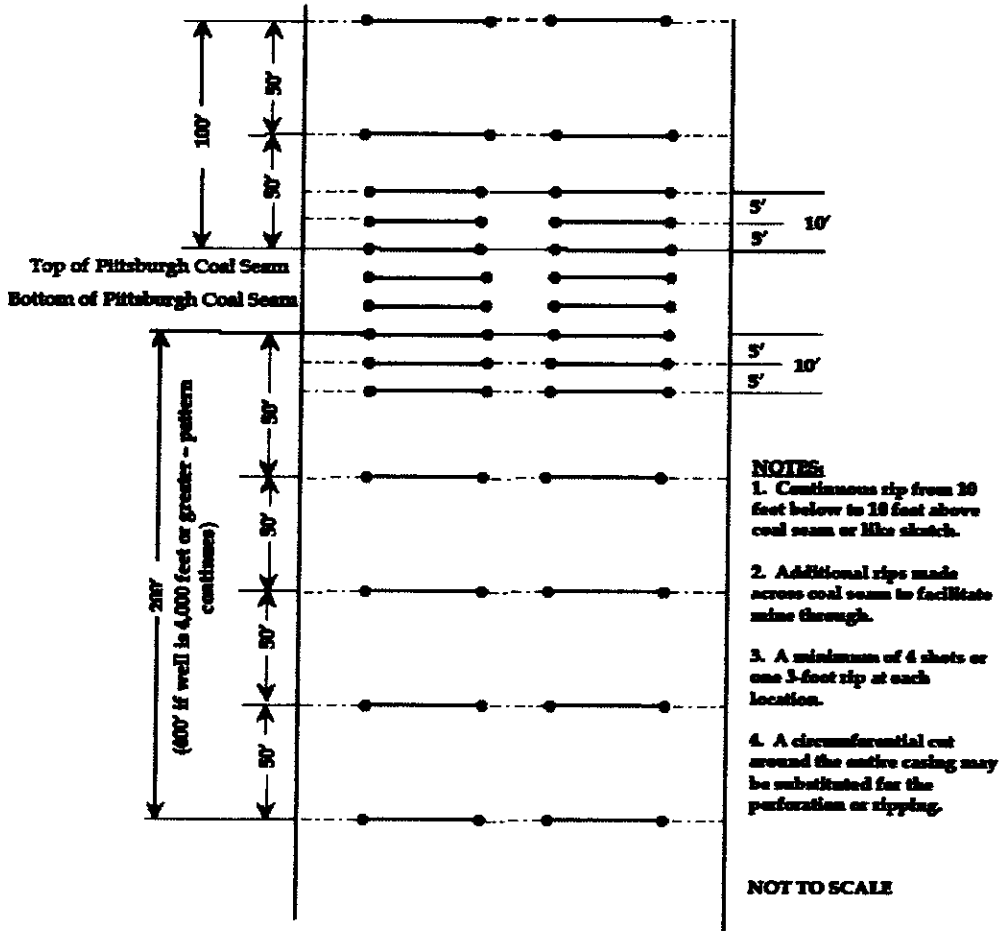
*Greg J. Norman, Director  
West Virginia Office of Miners' Health Safety & Training  
#7 Players Club Dr. Suite 2  
Charleston WV 25311*

*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





Select County: (103) Weizel  Select datatypes:  (Check All)

Enter Permit #: 30619  Location  Production  Plugging

Get Data  Owner/Completion  Stratigraphy  Sample

Pay/Show/Water  Logs  Btm Hole Loc

Table Descriptions  
 County Code Translations  
 Permit-Numbers Series  
 Usage Notes  
 Contact Information  
 Disclaimer  
 WVGES Main  
 Pipeline-Plus

WV Geological & Economic Survey

Well: County = 103 Permit = 30619 [Link to all digital records for well](#)

Report Time: Thursday, May 04, 2023 1:33:57 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX DISTRICT	QUAD	75	QUAD	15	LAT DD	LOX DD	UTME	UTMN
4710330619	Weizel	30619	Grant	Big Run		Lithion	39.510622	-80.526397	540713.8	4373550.4	

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE_NUM	LEASE_NUM	MINERAL_OWN	OPERATOR	AT_COMPLETION	PROP_YD	PROP_TRGT_FM	TFM_EST_PR
4710330619	5/15/1901	Worked Over	Completed	L S Walkers	2					South Penn Oil (S Penn Nat. Gas)				
4710330619	7/29/1903	Worked Over	Completed	L S Walkers	2					South Penn Oil (S Penn Nat. Gas)				
4710330619	7/7/1905	Worked Over	Completed	L S Walkers	2					South Penn Oil (S Penn Nat. Gas)				
4710330619	11/23/1913	Worked Over	Completed	L S Walkers	2					South Penn Oil (S Penn Nat. Gas)				
4710330619	6/16/1915	Worked Over	Completed	L S Walkers	2					South Penn Oil (S Penn Nat. Gas)				
4710330619	-/-	Original Loc	Completed	L S Walkers	2					South Penn Oil (S Penn Nat. Gas)				

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL CLASS	FINAL CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	P_AFT	TI_AFT	BH
4710330619	5/15/1901	-/-	1349	Ground Level	Smithfield	Big Injun (undrf)	undclassified	undclassified	Oil	unknown	Shot	2534		0	0	0	0	0	0	0	0	0	0	0	0
4710330619	7/29/1903	-/-	1349	Ground Level	Smithfield	Big Injun (undrf)	undclassified	undclassified	Oil	unknown	Shot	2534		0	0	0	0	0	0	0	0	0	0	0	0
4710330619	7/7/1905	-/-	1349	Ground Level	Smithfield	Big Injun (undrf)	undclassified	undclassified	Oil	unknown	Shot	2534		0	0	0	0	0	0	0	0	0	0	0	0
4710330619	11/23/1913	-/-	1349	Ground Level	Smithfield	Big Injun (undrf)	undclassified	undclassified	Oil	unknown	Shot	2534		0	0	0	0	0	0	0	0	0	0	0	0
4710330619	6/16/1915	-/-	1349	Ground Level	Smithfield	Big Injun (undrf)	undclassified	undclassified	Oil	unknown	Shot	2534		0	0	0	0	0	0	0	0	0	0	0	0
4710330619	-/-	-/-	1349	Ground Level	Smithfield	Big Injun (undrf)	Development Well	undclassified	Oil	Cable Tool	Shot	2534		2534		0	0	0	0	0	0	0	0	0	0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710330619	6/16/1915	Pay	Oil	Vertical					2520				Big Injun (undrf)
4710330619	-/-	Pay	Oil	Vertical					2522				Big Injun (undrf)

There is no Production Gas data for this well

There is no Production Oil data for this well \*\* some operators may have reported NGL under Oil

There is no Production NGL data for this well \*\* some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV DATUM
4710330619	Original Loc	Pittsburgh coal	Well Record	1125	Reasonable	6	Reasonable	1349
4710330619	Original Loc	Marionng S&Big Dunk	Well Record	1610	Reasonable	20	Reasonable	1349
4710330619	Original Loc	Salt Sands (undrf)	Well Record	2020	Reasonable	80	Reasonable	1349
4710330619	Original Loc	Pencil Cave	Well Record	2265	Reasonable	5	Reasonable	1349
4710330619	Original Loc	Big Line	Well Record	2270	Reasonable	90	Reasonable	1349
4710330619	Original Loc	Big Injun (undrf)	Well Record	2360	Reasonable			1349

Wireline (E-Log) Information:

\* There is no Scanned/Paper Log data for this well

\* There is no Digitized Log data for this well

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

Plugging Information:

API	PLG_DT	DEPTH_PBT
4710330619	1/13/1948	0

There is no Sample data for this well

4710303579P



06/16/2011 02:46

well 1611 water 32

05/05/2023



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

4710303579P  
10/16

WELL RECORD

Permit No. \_\_\_\_\_ Oil or Gas Well **OIL**  
(KIND)

Company **South Penn Natural Gas Company**  
Address **Union Trust Bldg., Parkersburg, W. Va.**  
Farm **L. S. Walters** Acres **76**  
Location (waters) **Frieda Fork**  
Well No. **2** Elev. **3487**  
District **Grant** County **Wetzel**  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced \_\_\_\_\_  
Drilling completed \_\_\_\_\_  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With **Torpedo Record**  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil **250** bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	<b>620'</b>	<b>None</b>	Size of
8 1/2	<b>1475'</b>	<b>None</b>	
6 1/2	<b>2000'</b>	<b>2000'</b>	Depth set
5 3/16	<b>2350'</b>	<b>2350'</b>	
8			Perf. top
<b>2" U.E.</b>	<b>2520'</b>	<b>2520'</b>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

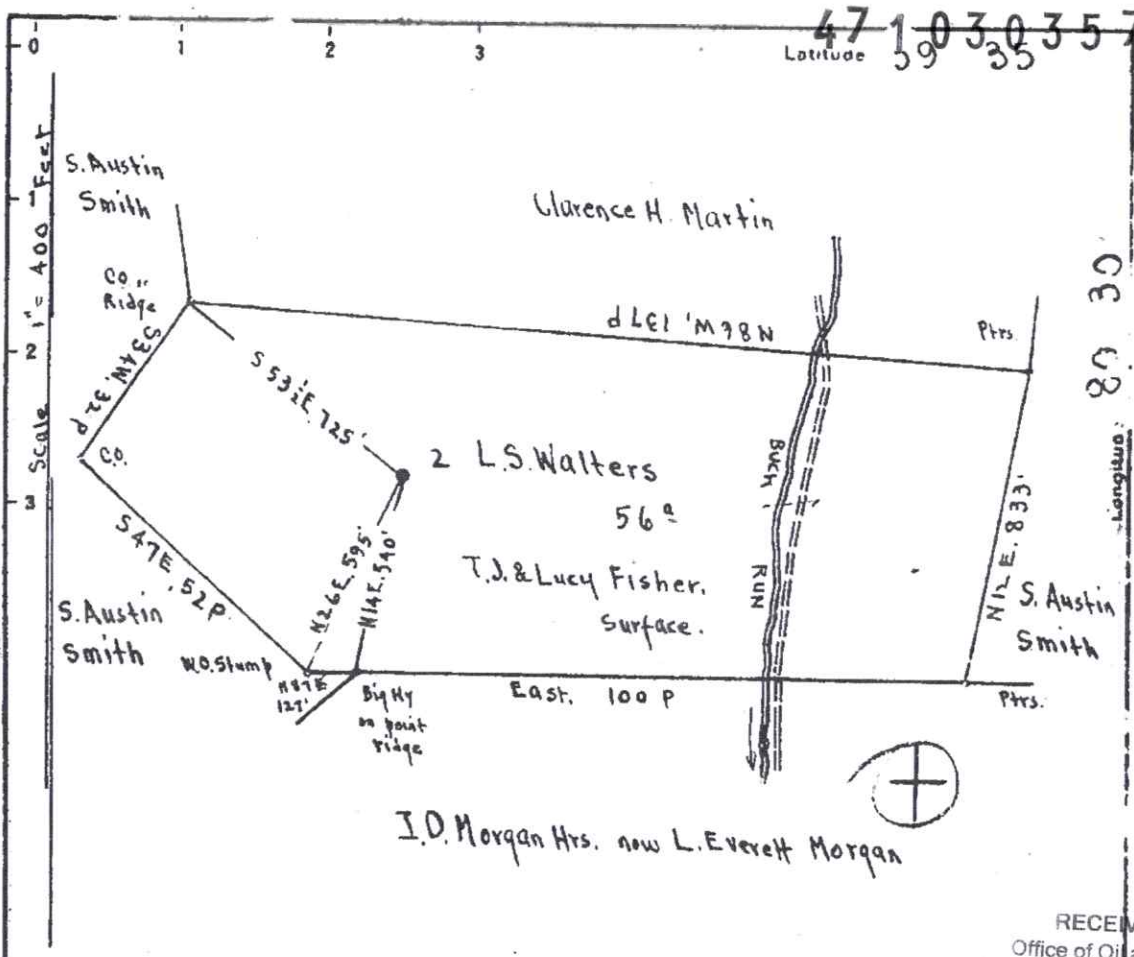
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT **1125** FEET **72** INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor				<b>14</b>			
Coal, Pgh.			<b>1125</b>	<b>1131</b>			
Dunkard Sand			<b>1610</b>	<b>1630</b>			
Salt Sand			<b>2020</b>	<b>2100</b>			
Big Injun			<b>2270</b>	<b>2360</b>			
Pencil Cove			<b>2265</b>	<b>2270</b>			
Big Injun			<b>2360</b>				
Oil			<b>2522</b>				
Total Depth				<b>2534</b>			
<b>Torpedo Record</b>							
			May 15, 1901	16 qts	8'	shell	2522' Top
			July 29, 1903	20 qts	8'	shell	2522'
			July 7, 1905	30 qts	11'	shell	2520'
			Nov. 23, 1913	60 qts	11'	"	2516'
			June 16, 1915	60 qts	6'	"	2520'



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WV Department of Environmental Protection

47 1 03 03 57 9 P  
Latitude 39 35



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APR 14 2023  
WV Department of  
Environmental Protection

Surface: T.J. & Lucy Fisher, R.F.D. #1, Smithfield, Wetzel Co., W. Va.  
Pittsburgh Coal: I.D. Morgan Estate;  
Address: L.E. Morgan Exec., New Martinsville, W. Va.

New Location  
Drill Deeper  
Abandonment X

NOV - 1941  
L.S. Walters

Company Otis Eastern Service Inc.  
 Address Box 435, Bolivar, N.Y.  
 Farm L.S. Walters  
 Tract \_\_\_\_\_ Acres 5.6 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. 1348.93 Concrete \_\_\_\_\_  
 Elevation (Spirit Level) Ground = 1348.93 Floor \_\_\_\_\_ Flex. Level \_\_\_\_\_  
 Quadrangle LITTLETON  
 County Wetzel District Grant  
 Engineer E.C. Tabler  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

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

WELL LOCATION MAP  
FILE NO. Wet-619-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

05/05/2023

Harrison County Mine 47 1 03 035 79 P

WW-4A  
Revised 6-07

1) Date: MARCH 22, 2023

2) Operator's Well Number 7297

3) API Well No.: 47 - 103 - 30619

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 YVONNE R. MCFADDEN, Address 249 BUCK RUN RD., SMITHFIELD, WV 26437. (b) Name, Address. (c) Name, Address. 5) (a) Coal Operator Name WEST VIRGINIA LAND RESOURCES INC., Address 1 BRIDGE STREET, MONONGAH, WV 26554. (b) Coal Owner(s) with Declaration Name, Address. (c) Coal Lessee with Declaration Name, Address. 6) Inspector STEVE MCCOY, Address 13016 INDIAN CREEK RD., JACKSONBURG, WV 26377, Telephone (681) 344-3265.

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

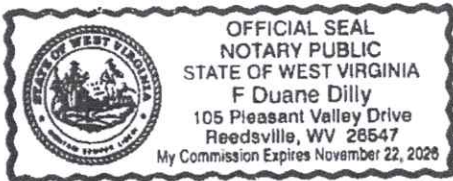
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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.

*David Roddy*

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



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Office of Oil and Gas  
APR 14 2023  
WV Department of Environmental Protection

Subscribed and sworn before me this 28th day of March 2023  
My Commission Expires 11/22/26  
F Duane Dilly Notary Public

Oil and Gas Privacy Notice

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

05/05/2023

4710303579

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

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

**OFFICIAL USE**

Certified Mail Fee \$ *5.50*

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

Return Receipt (hardcopy) \$ *2.80*

Return Receipt (electronic) \$ *0.00*

Certified Mail Restricted Delivery \$ *3.00*

Adult Signature Required \$ *0.00*

Adult Signature Restricted Delivery \$ *0.00*

Postage \$ *1.00*

Total Postage and Fees \$ *0.00*

Sent To *Yvonne McFadden*

Street and Apt. No., or PO Box No. *249 Buck Run Rd*

City, State, ZIP+4® *Smithfield, WV 26437*

Postmark Here

*Done Kover*

7021 2720 0001 8909 8518

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APR 14 2023  
WV Department of  
Environmental Protection

05/05/2023

WW-4B

47 1 03 03 57 9 P

API No. 47-103-30619  
 Farm Name \_\_\_\_\_  
 Well No. 7297

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

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

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

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

**WAIVER**

The undersigned coal operator   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: 3-29-23

By: DAVE RIDDY  
 Its Agent

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 APR 14 2023  
 WV Department of  
 Environmental Protection

05/05/2023



47 1 03 03 5 79 P

WW-9  
(5/16)

API Number 47 - 103 30619  
Operator's Well No. 7297

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) BUCK RUN OF PRICE RUN OF SOUTH FORK FISHING CREEK Quadrangle 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

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 *David Roddy*

Company Official (Typed Name) David Roddy

Company Official Title Project Engineer

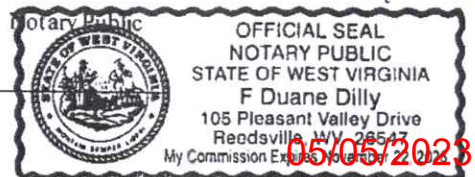
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Office of Oil and Gas

APR 14 2023

Subscribed and sworn before me this 28<sup>th</sup> day of March, 2023

WV Department of Environmental Protection  
*Stephen McCoy*

*Stephen McCoy*  
My commission expires 1/22/26



47 1 03 03 5 7 9 P

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

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

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WV Department of  
Environmental Protection

05/05/2023  
Stephan McCoy

47 1 03 03 5 7 9P

Form WW-9

Operator's Well No. 7297

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
See Attachment	<u>100</u>	See Attachment	<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.

Plan Approved by: Stephen Mccoy Digitally signed by Stephen Mccoy  
Date: 2023.04.10 07:24:37 -04'00'

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: WV Oil and Gas Inspector

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

Field Reviewed? ( ) Yes ( X ) No

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WV Department of  
Environmental Protection

05/05/2023

47 1 03 03 5 7 9 P

CAUDILL SEED • 1864 E MAIN HWY 68 HOUSE #2 • MOREHEAD KY 48351 • RNS = 4923



**NOTICE TO CONSUMERS**

"Notice: Arbitration/condition/mediation required by several states. Under the seed laws of several states, arbitration, mediation, or condition 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 (except for AR, FL, IN, MS, SC, TX, WA, signed only CA, ID, ND, SD) along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commission or (PA), or Chief Agricultural Officer within such time as to permit inspection of the crops, plants, or trees by the designated agency and the seedsmen 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: 771000 NET WT 50  
 CROP: .58 INERT: 1.56 SEED SEED .26

KIND VARIETY  
 BONDAL RYEGRASS MAGNUM  
 ORCHARDGRASS POTOMAC  
 COATING MATERIAL  
 PERENNIAL RYEGRASS LINA  
 CLOVER NOT STATED  
 COATING MATERIAL  
 TIMOTHY  
 BIRD'S FOOT TREFOIL CLIMAX  
 COATING MATERIAL NOT STATED  
 LADINO CLOVER  
 COATING MATERIAL SEMINOLE

DRG	PURE	GERM	HARD	DORM	TEST
DR	29.40	85.00	.00	.00	10/16
OR	11.39	85.00	.00	.00	11/16
DR	8.00	85.00	.00	.00	11/16
OR	19.60	85.00	.00	.00	11/16
DR	6.40	85.00	.00	.00	12/16
OR	2.80	85.00	.00	.00	12/16
CAV	2.80	85.00	7.00	.00	11/16
CAV	1.91	85.00	.00	.00	8/16
OR	3.17	60.00	25.00	.00	8/16
	1.70	.00	.00	.00	8/16

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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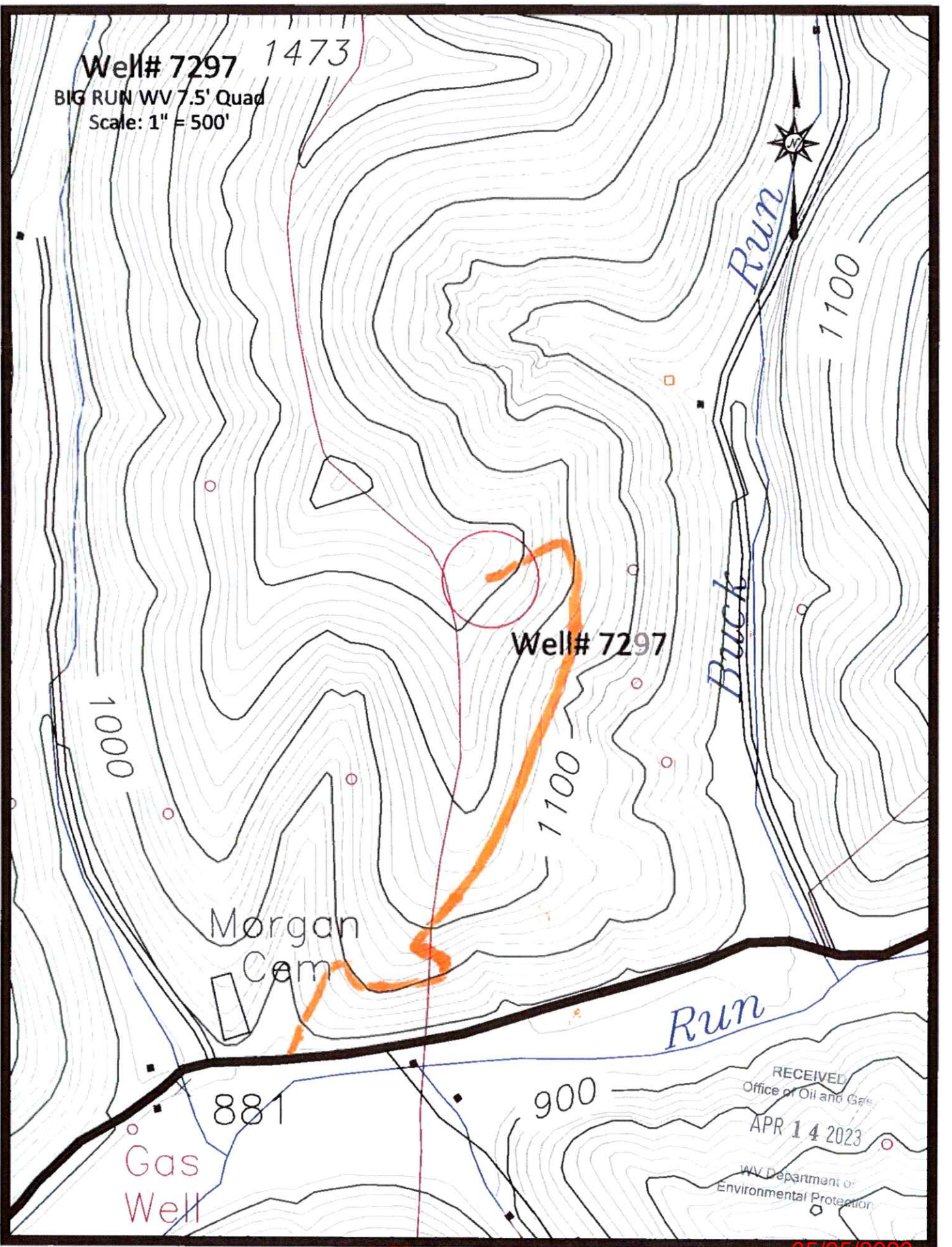
APR 14 2023

WV Department of  
 Environmental Protection

SM  
 05/05/2023

Well# 7297 1473

BIG RUN WV 7.5' Quad  
Scale: 1" = 500'



Well# 7297

Morgan  
Cem

Gas  
Well

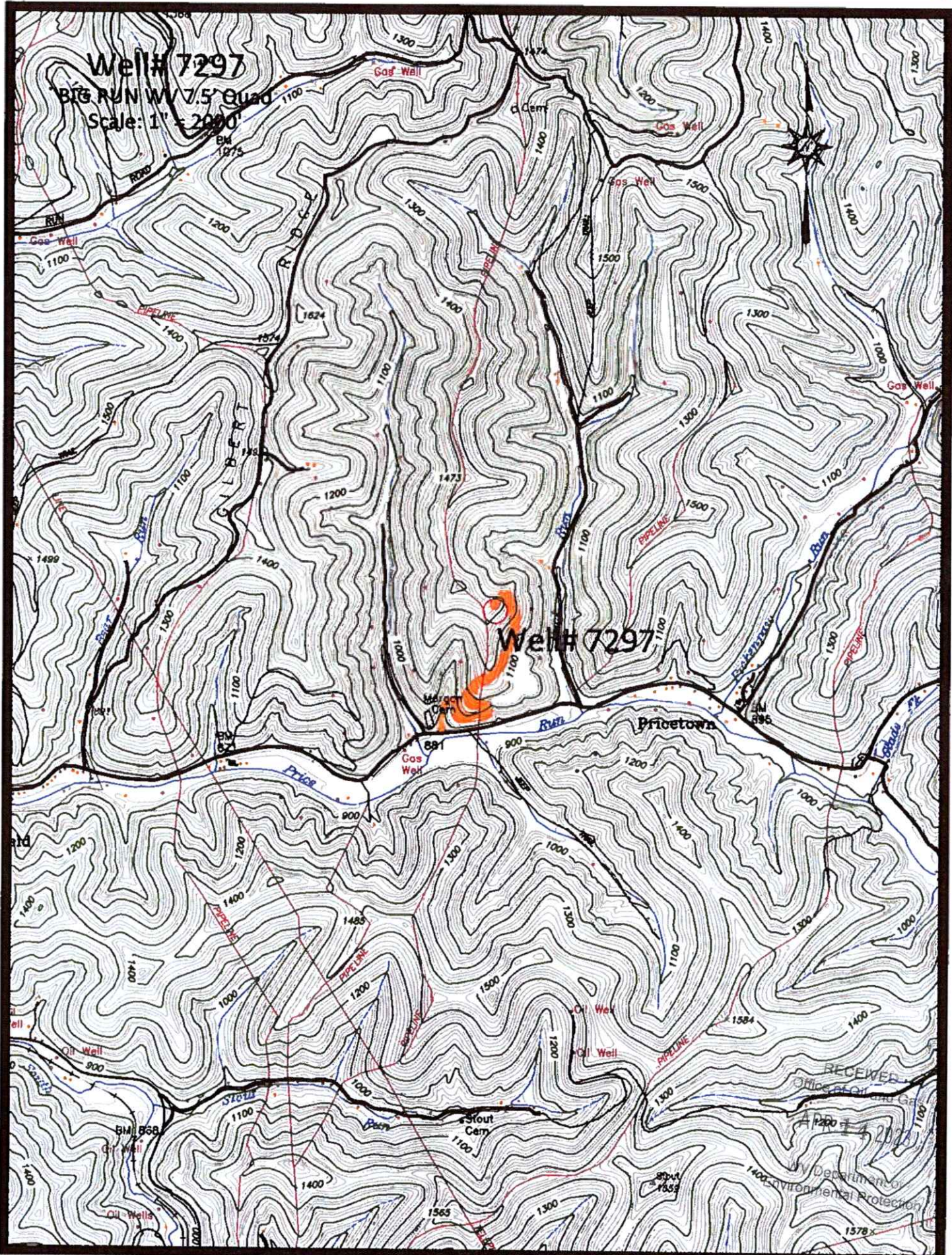
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Artesian Run

05/05/2023



Access Road

05/05/2023

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 April 4 2023  
 WV Department of Environmental Protection

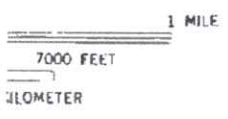
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39 32'30" 40 41 42 80°30' 39°30'

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA—1977  
542000M E



ROAD CLASSIFICATION

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



QUADRANGLE LOCATION

'Big Run' WV Scale: 1" = 0.370Mi; 810M; 2.000ft; 1 Mi = 2.540'; 1 cm = 240M

(WALLACE)  
4562 11/11/11  
RECEIVED  
Office of Oil and Gas  
APR 14 2023  
WV Department of Environmental Protection  
BIG RUN, W. VA.  
SE/4 LITTLETON 15' QUADRANGLE  
N3930—W8030/7.5  
05/05/2023

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-103-30619 WELL NO.: 7297

FARM NAME: SPENCER WALTERS *LS WALTERS No 2*

RESPONSIBLE PARTY NAME: WEST VIRGINIA LAND RESOURCES INC.

COUNTY: WETZEL DISTRICT: GRANT

QUADRANGLE: BIG RUN W.VA

SURFACE OWNER: YVONNE R. MCFADDEN

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

UTM GPS NORTHING: 4,373,728 m

UTM GPS EASTING: 540,785 m GPS ELEVATION: 411 m

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:

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

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

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

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

*[Handwritten Signature]*  
Signature

Professional Surveyor  
Title

MARCH 22, 2023  
Date

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APR 14 2023  
WV Department of  
Environmental Protection





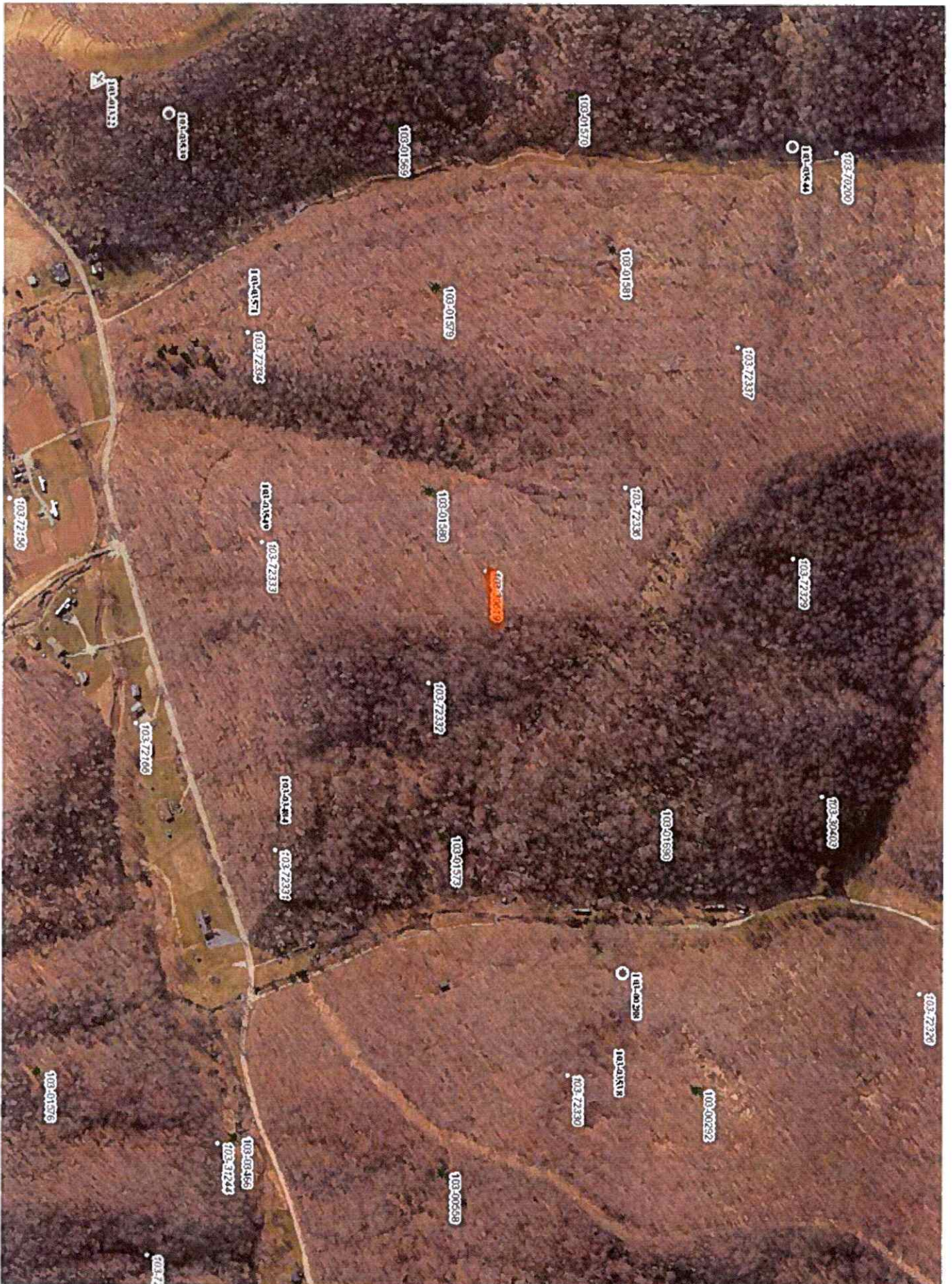
4710303579 P



05/05/2023



47 1 03 03 57 9 f



05/05/2023



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

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## plugging permit issued 4710303579

1 message

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

Thu, May 4, 2023 at 2:35 PM

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


To whom it may concern, a plugging permit has been issued for 4710303579.


James Kennedy

WVDEP OOG

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### 2 attachments

 **ir-8 4710303579.pdf**  
120K

 **4710303579.pdf**  
6010K

05/05/2023