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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)

Tuesday, July 18, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

WEST VIRGINIA LAND RESOURCES, INC.  
46226 NATIONAL ROAD WEST

ST. CLAIRSVILLE, OH 43950

Re: Permit approval for 11  
47-103-01335-00-00

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: 11  
Farm Name: EDGELL, ALICE  
U.S. WELL NUMBER: 47-103-01335-00-00  
Vertical Plugging  
Date Issued: 7/18/2023

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a faint circular stamp.

## 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.



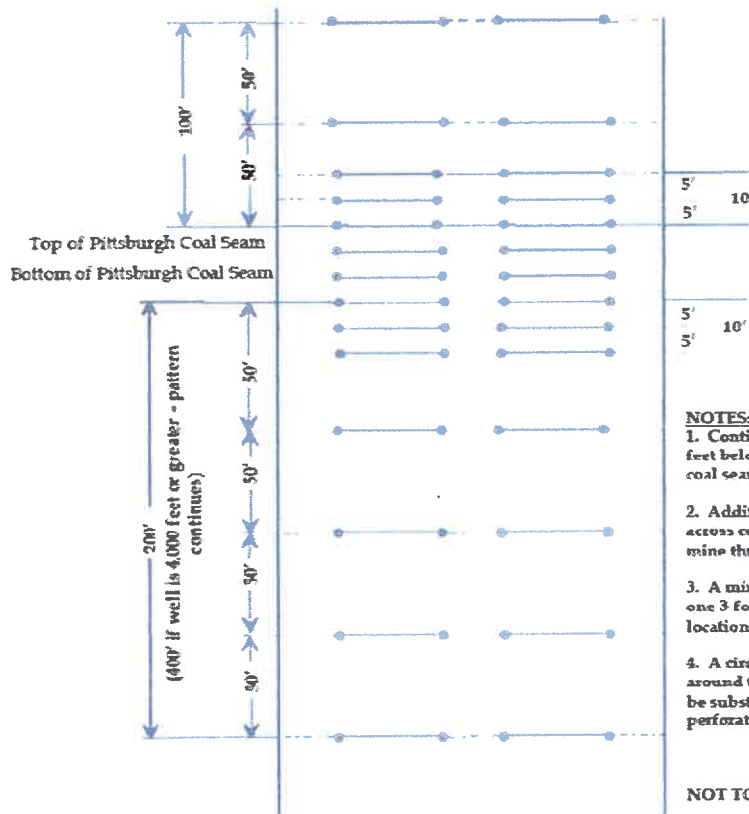
EXHIBIT NO. 1

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
- ~~(b)~~ <sup>NEVER PLUGGED</sup> 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.

Appendix A



**NOTES:**

1. Continuous rip from 10 feet below to 10 feet above coal seam or like sketch.
2. Additional rips made across coal seam to facilitate mine through.
3. A minimum of 4 shears or one 3 foot rip at each location.
4. A circumferential cut around the entire casing may be substituted for the perforation or ripping.

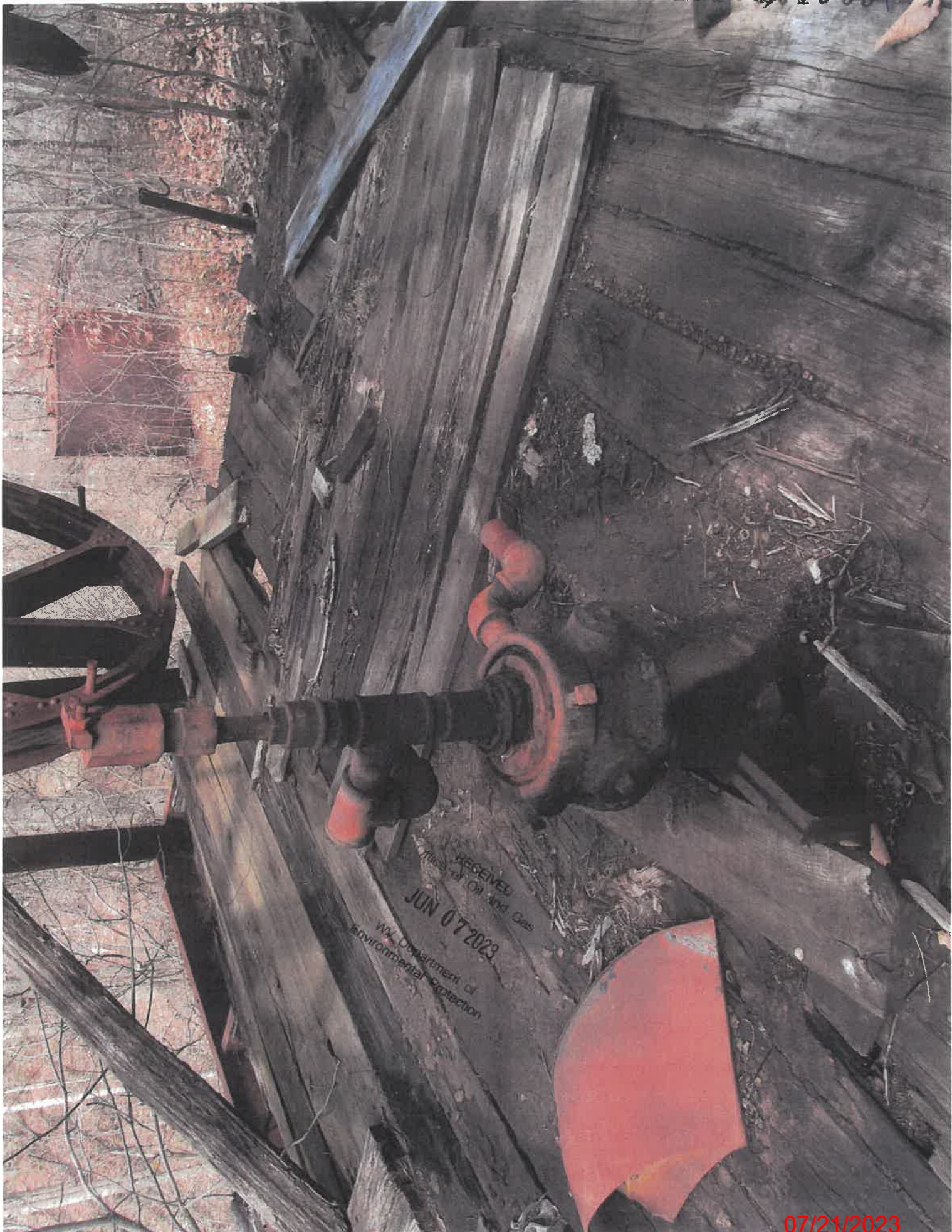
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WV Department of  
Environmental Protection

NOT TO SCALE

47103,01335P



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4710301335 Leatherwood, Inc. 2011 0

4710301335 Leatherwood, Inc. 2013 0

4710301335 Consolidation Coal Co. 2016 0

4710301335 Consolidation Coal Co. 2017 0

4710301335 Consolidation Coal Co. 2018 0

4710301335 Consolidation Coal Co. 2019 0

Production NGL Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil \* 2022 data for H6A wells only. Other wells are incomplete at this time.

4710301335 Leatherwood, Inc. 2013 0

4710301335 Consolidation Coal Co. 2016 0

4710301335 Consolidation Coal Co. 2018 0

4710301335 Consolidation Coal Co. 2019 0

Production Water Information: (Volumes in Gallons) \* 2022 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710301335	Leatherwood, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301335	Consolidation Coal Co.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301335	Consolidation Coal Co.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301335	Consolidation Coal Co.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0

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

WW-4A  
Revised 6-07

1) Date: MAY 24, 2023  
2) Operator's Well Number 8042  
3) API Well No.: 47 - 103 - 01335

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>MARGARET EDGELL &amp; STEPHEN SHOWALTER</u>	Name <u>WEST VIRGINIA LAND RESOURCES INC.</u>
Address <u>9539 HAWBOTTOM</u>	Address <u>1 BRIDGE STREET</u>
<u>FREDERICK, MD 21702</u>	<u>MONONGAH, WV 26554</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>STEPHEN E. MCCOY</u>	(c) Coal Lessee with Declaration
Address <u>13016 INDIAN CREEK RD.</u>	Name _____
<u>JACKSONBURG, WV 26377</u>	Address _____
Telephone <u>(681) 344-3265</u>	_____

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

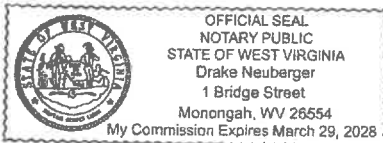
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief

*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



Subscribed and sworn before me this 30th day of May, 2023  
Drake Neuburger  
My Commission Expires March 29th, 2028

WV Department of Environmental Protection  
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).



4710301335P

7021 2720 0001 8909 8709

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

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

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

Postmark  
Here

Postage

Total Postage and Fees

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

Sent To

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

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7539-02-000-9047

See Reverse for Instructions

Margaret Edyelle Stephen Shunk  
9539 Howbottom  
Frederick, MD 21702

Dave Koop

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WW-4B

API No. 47-103-01335  
 Farm Name \_\_\_\_\_  
 Well No. 8042

**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: 6/1/23

By: [Signature]

Its Agent

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4710301335P

WW-9  
(5/16)

API Number 47 - 103 - 01335  
Operator's Well No. 8042

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) WEST VIRGINIA FORK OF FISH CREEK Quadrangle HUNDRED W.VA,PA

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 [Signature]

Company Official (Typed Name) David Roddy

Company Official Title Project Engineer

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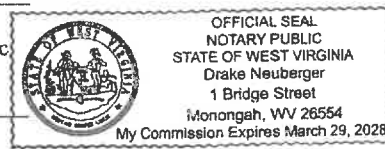
WV Department of Environmental Protection

Subscribed and sworn before me this 30<sup>th</sup> day of May, 2023

[Signature]

Notary Public

My commission expires March 29<sup>th</sup>, 2028



07/21/2023

4710301335P

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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Operator's Well No. 8042

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                      100

See Attachment                      100

**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: 2023.06.01 13:21:00 -04'00'

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

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Title: Professional Surveyor

Date: \_\_\_\_\_  
WV Department of Environmental Protection

Field Reviewed?      (      ) Yes      (      ) No

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



**NOTICE TO CONSUMERS**

\*Notice: Arbitration/mediation/mediation 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, 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 Commissioner (NY), 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: 771000 NET WT 50  
 CROP: .58 INERT: 1.56 WEED SEED .26

KIND	VARIETY
ANNUAL RYEGRASS	KAGANUM
ORCHARDGRASS	POTOMAC
COATING MATERIAL	
PERENNIAL RYEGRASS	LINN
CLOVER	NOT STATED
COATING MATERIAL	
TIMOTHY	CLIMAX
BIRD'S FOOT TREFOIL	NOT STATED
COATING MATERIAL	
LADINO CLOVER	SEMINOLE
COATING MATERIAL	

DRG	PURE	GERM	HARD	DORM	TEST
DR	29.40	98.00	.00	.00	10/16
DR	11.35	85.00	.00	.00	11/16
	8.00	.00	.00	.00	11/16
DR	19.60	85.00	.00	.00	11/16
DR	5.40	85.00	.00	.00	12/16
	3.40	.00	.00	.00	12/16
CAN	9.00	85.00	.00	.00	10/16
CAN	2.83	83.00	7.00	.00	11/16
	1.91	.00	.00	.00	11/16
DR	3.17	80.00	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.

Memo  
Treatments

NOXIOUS WEEDS PER LB

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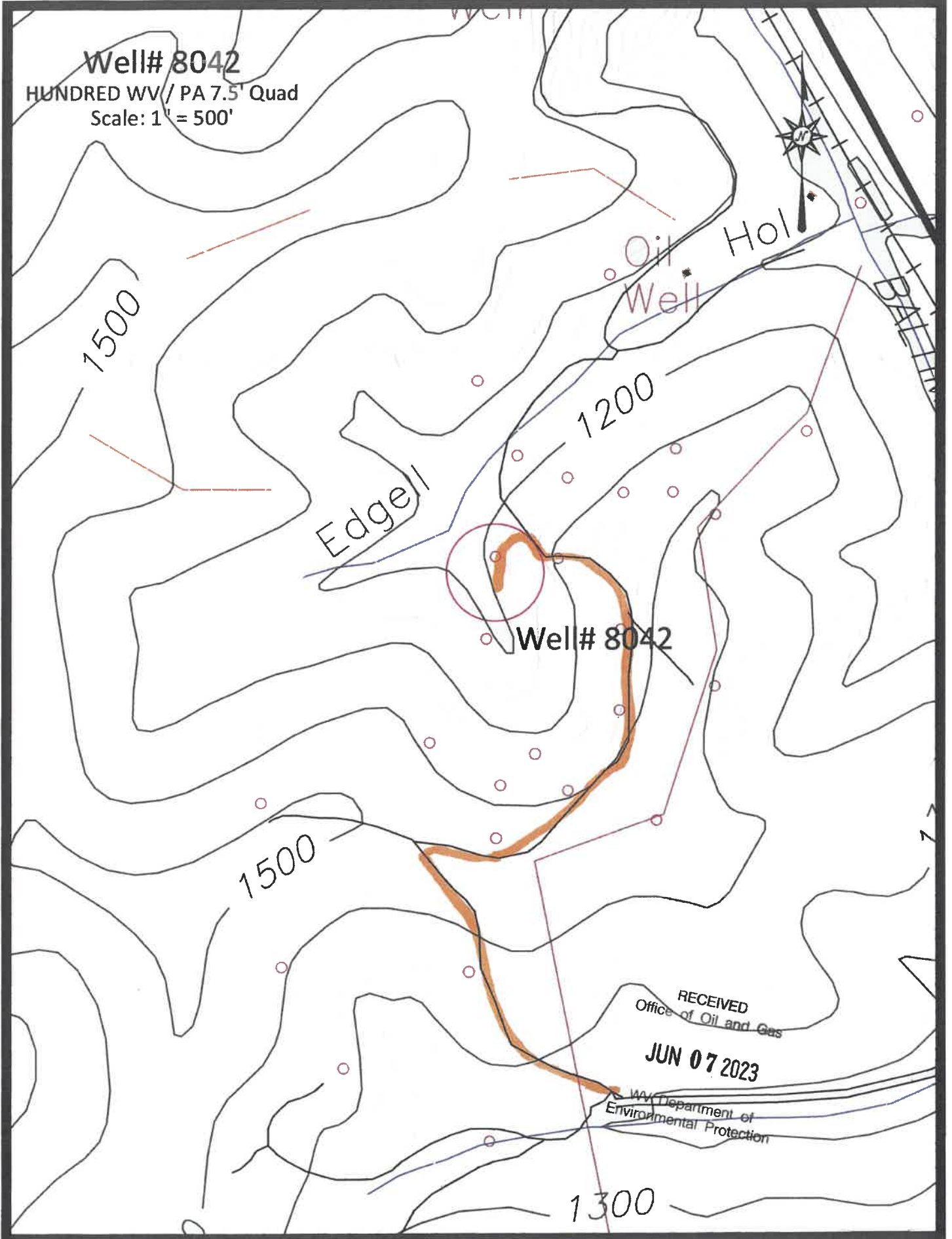
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Well# 8042  
HUNDRED WV / PA 7.5' Quad  
Scale: 1" = 500'



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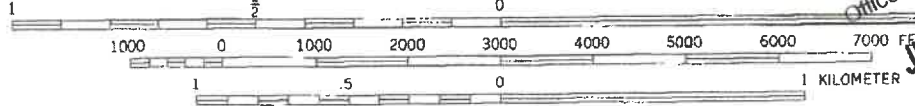


4710301335



46 2730' 47 48 (GLOVERGAP) 49 GLOVERGAP 15 MI FAIRMONT 23 1 250 000 FEET (F

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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22'  
MIL S

'Hundred' WV PA' Scale: 1" = 0.370 MI; 610M; 2.000E; 1.1E = 0.640'; 1.000 = 0.621 MI

07/21/2023

W VA

WW-7  
8-30-06



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

API: 47-103-01335 WELL NO.: 8042  
 FARM NAME: ALICE EDGELL  
 RESPONSIBLE PARTY NAME: WEST VIRGINIA LAND RESOURCES INC.  
 COUNTY: WETZEL DISTRICT: CHURCH  
 QUADRANGLE: HUNDRED W.VA, PA  
 SURFACE OWNER: MARGARET EDGELL / STEPHEN SHOWALTER  
 ROYALTY OWNER: \_\_\_\_\_  
 UTM GPS NORTHING: 4,388,999 m (1207')  
 UTM GPS EASTING: 549,102 m GPS ELEVATION: 368 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 \_\_\_\_\_

- Letter size copy of the topography map showing the well location.**

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

Signature

Professional Surveyor

MAY 24, 2023

Title

Date

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