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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)

Friday, June 2, 2023

WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-049-00162-00-00

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: MEREDITH, J. HARPER  
U.S. WELL NUMBER: 47-049-00162-00-00  
Vertical Plugging  
Date Issued: 6/2/2023

## 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.

06/02/2023

1) Date May 8, 2023  
2) Operator's  
Well No. J.H. Meredith #1  
3) API Well No. 47-049 - 00182

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil      / Gas X / Liquid injection      / Waste disposal      /  
(If "Gas, Production X or Underground storage     ) Deep      / Shallow X

5) Location: Elevation 1160 Watershed Little Creek  
District Lincoln County Marion Quadrangle Riversville

6) Well Operator Unknown- DEP Paid Plugging Contract 7) Designated Agent H. Jason Harmon  
Address 601 57th Street, SE Address 601 57th Street, SE  
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Randall M. Kirchberg Name Coastal Drilling East  
Address P.O. Box 1052 Address 130 Meadow Ridge Road  
Buckhannon, WV 26201 Mount Morris, PA 15349

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

**\*See Attached:**

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WV Department of  
Environmental Protection

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

Work order approved by inspector Randall M. Kirchberg Date MAY 5, 2023  
06/02/2023



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. MAR-162

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>ALEX R. MATSON</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>310 Walnut Avenue - Fairmont, W. Va.</u>	Size			Kind of Packer
Farm <u>J. Harper Meredith</u> Acres <u>128</u>	16			Size of
Location (waters) <u>On State Route No. 73</u>	13			Depth set
Well No. <u>1</u> Elev. <u>1160'</u>	10			Perf. top
District <u>Winfield</u> County <u>Larion</u>	8 1/2	<u>400</u>	<u>400</u>	Perf. bottom
The surface of tract is owned in fee by _____	6 1/2			
Address _____	5 3/16			
Mineral rights are owned by _____	3			
Address _____	2			
Drilling commenced _____	Liners Used			
Drilling completed _____				
Date Shot _____ From _____ To _____				
With _____				
Open Flow _____ /10ths Water in _____ Inch				
_____ /10ths Merc. in _____ Inch				
Volume _____ Cu. Ft.				
Rock Pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			2	4			
Yellow Clay			4	34			
Slate			34	104			
Lime			104	124			
Slate			124	170			
Lime			170	178			
Sand			178	190			
Black Slate			190	310			
Red Rock			310	333			
White Slate			333	360			
Sand			360	396			
Slate			396	405			
Sand			405	455			
Slate			455	495			
Lime			495	520			
Sand			520	565			
Slate & lime			565	568			
COAL			568	576			
Lime			576	583			
Slate & shells			583	603			
Lime			603	653			
Slate			653	690			
Sand			690	700			
Slate			700	740			
Sand			740	830			
Slate			830	920			
Red Rock			920	986			
Lime			986	994			
Red Rock			994	1000			
Sandy Lime			1000	1010			
Red Lime			1010	1068			
Black Lime & streaks sand			1068	1130			
Red Lime			1130	1140			
Gray Lime			1140	1136			
INJUN SAND			1136	1316			
break			1316	1336			
Sand			1336	1375			
Slate			1375	1438			
Sand			1438	1540			

Gas in top - water in bottom

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Break			1540	1780			
Sand			1780	1805			
Lime			1805	1818			
Sand			1818	1833			
Sandy Lime			1833	1929			
Red Rock			1929	2205			
Sand			2205	2228			
Red Rock			2228	2255			
Blue Slate			2255	2278			
Sand			2278	2296			
Red Rock			2296	2316			
Sand			2316	2320			
TOTAL DEPTH			2320'				
<p>This is to advise that the bottom 800' of this well was concreted to the top of the last sand and then drilled out. There was a bridge set at 690' and 40 feet of solid cement poured in the well. Then another bridge was set at 810' and cement poured to 576' or through the coal where we are trying to save that gas.</p>							

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Date \_\_\_\_\_, 19\_\_

APPROVED \_\_\_\_\_

06/02/2023

By \_\_\_\_\_  
(Title)

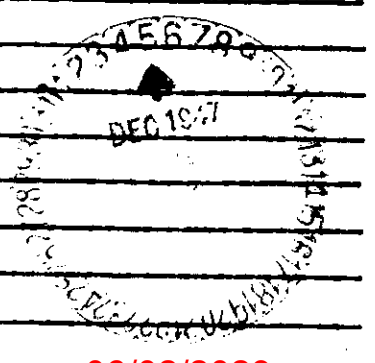
WELL NUMBER ONE - HARPER MEREDITH'S FARM  
WINFIELD DISTRICT, MARION COUNTY, WEST VIRGINIA

Nature of Strata	Thickness	Total Depth	Remarks
Soil	2	4	
Yellow Clay	30	34	Water 65 to
Slate	70	104	75 ft.
Lime	20	124	
Slate	46	170	
Lime	8	178	
Sand	12	190	
Slate Black	20	310	
Red Rock	23	333	
Slate White	27	360	
Sand	36	396	
Slate	9	405	
Sand	50	455	
Slate	40	495	
Lime	25	520	
Sand	45	565	
Slate and Lime	3	568	Gas in top
Coal	8	576	water in bottom
Lime	7	583	of coal.
Slate Shells	20	603	
Lime	50	653	
Slate	40	690	
Sand	10	700	
Slate	40	740	
Sand	90	830	
Slate	90	920	
Red Rock	66	986	
Lime	8	994	
Red Rock	6	1000	
Sandy Lime	10	1010	
Red Lime	58	1068	
Black Lime with streaks sand	62	1130	
Red Lime	10	1140	

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Nature of Strata	Thickness	Total Depth	Remarks
Gray Lime	96	1236	
Injun Sand	80	1316	
Break	20	1336	
Sand	39	1375	
Slate	63	1438	
Sand	102	1540	
Break	240	1780	
Sand	25	1805	
Lime	13	1818	
Sand	15	1833	
Lime Sandy	86	1929	
Red Rock		2205	
Sand		2228	
Red Rock		2255	
Blue Slate		2278	
Sand		2296	
Red Rock		2316	
Sand		2320	
Total Depth		2320	

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"A Shaft Drillers International Company"

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

Phone 304-291-0175 Fax 304-413-0061

## PLUGGING PROGNOSIS

Alex R Watson  
Marion County, WV  
District, Winfield  
API # 47-049-00162

BY: Hunter Deremer  
DATE: 03/06/23

### CURRENT STATUS:

Elevation @ 1160'  
TD: 2320' (Cemented back to 576')  
Drilled in 1947

8 1/4" Casing @ 400'

Fresh Water @ 65'-75'  
Coal @ 576'  
Gas @ 575'

*RANDY KIRCHBERG 681-781-9890*

1. Notify State Inspector, ~~Sam Ward 304-389-7383~~, 48 hours prior to commencing operations.
2. Conduct Tailgate Safety Meeting. Complete JSA's as required.
3. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.
4. MIRU. Begin plugging and abandonment operations, Load casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
5. Notify WV OGO inspector to discuss perforations and cut schedule.
6. RU Wireline. Run CBL on 8 1/4" casing from 576' - surface. Determine free point on 8 1/4" casing.
7. Cut or perforate 8 1/4" csg. and TOOH with casing as needed.
8. TIH w. tubing to 576', set a Class L cement plug from 576' - Surface.
9. Top off well to surface with solid cement as needed.
10. Erect monument with API#, date plugged, and company name.
11. Reclaim location and road to WV-DEP specifications.  
\*6% Gel Spacers may be omitted and replaced with Class L cement plugs.

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*Randall M Kirchberg*  
*MAY 5, 2023*

06/02/2023



WW-4A  
Revised 6-07

1) Date: May 8, 2023  
2) Operator's Well Number  
J.H. Meredith #1

3) API Well No.: 47 - 049 - 00162

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Southern Ohio Coal Company</u>	Name _____
Address <u>275 Technology Drive, Suite 101</u>	Address _____
<u>Canonsburg, PA 15317</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Southern Ohio Coal Company</u>
_____	Address <u>275 Technology Drive, Suite 101</u>
(c) Name _____	<u>Canonsburg, PA 15317</u>
Address _____	Name _____
_____	Address _____
<b>6) Inspector</b> <u>Randall M. Kirchberg</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1052</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>(681-781-9890)</u>	_____

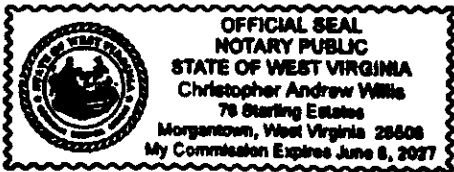
**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (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.

Well Operator Unknown- DEP Paid Plugging Contract  
 By: Matthew Yearsley *[Signature]*  
 Its: Plugging Contractor  
 Address 130 Meadow Ridge Road  
Mt. Morris, PA 15349  
 Telephone 304-281-0175



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Subscribed and sworn before me this 1 day of May 2023  
*[Signature]* Notary Public  
My Commission Expires June 8, 2027  
WV Department of Environmental Protection

**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).

06/02/2023



May 8, 2023

Southern Ohio Coal Company  
275 Technology Drive, Suite 101  
Canonsburg, PA 15317

To Whom it may concern:

Subject: Plugging permit modification for Class L cement  
J.H. Meredith #1 (API# 47-049-00162)  
CEC Project 324-513

According to public record, you are the landowner of the parcel described formally as:

Parcel Description: PROPERTY OWNER: SOUTHERN OHIO COAL CO.  
ID: 24-19-0038-0025-0000  
DESC: 753.06 AC MONON RIVER

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug well API #47-049-00162 (J.H. Meredith #1) on the above listed property and now intends to modify permits to allow for the use of Class L cement in place of Class A due to manufacturing shortage. Enclosed you will find the proposed modifications to the plugging work orders and a copy of the approved variance authorization the use of Class L in this manner.

As the landowner of the affected parcel, you are entitled to submit comments to these modifications of the existing permits. If you choose to waive this right, please sign and return the enclosed surface owner waiver.

If you have any questions regarding this modification request, please contact me at 304.629.6309.

Respectfully,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

  
Eddie Carder  
Senior Project Manager

  
Timothy Andrew  
Assistant Project Manager

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**REMEDICATION AND/OR PLUGGING WORK PLAN**  
(J.H. MEREDITH #1 / API #47-049-00162)

1. Notify State Inspector, **Randy Kirchberg-681-781-9890**, 48 hours prior to commencing operations.
2. Conduct Tailgate Safety Meeting. Complete JSA's as required.
3. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.
4. MIRU. Begin plugging and abandonment operations, Load casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
5. Notify WV OGO inspector to discuss perforations and cut schedule.
6. RU Wireline. Run CBL on 8 1/4" casing from 576' - surface. Determine free point on 8 1/4" casing.
7. Cut or perforate 8 1/4" csg. and TOO H with casing as needed.
8. TIH w. tubing to 576', set a Class L cement plug from 576' - Surface.
9. Top off well to surface with solid cement as needed.
10. Erect monument with API#, date plugged, and company name,
11. Reclaim location and road to WV-DEP specifications.

\*6% Gel Spacers may be omitted and replaced with Class L cement plugs.

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Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 )  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**ORDER NO. 2022-13**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

### ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OF THE STATE OF WEST VIRGINIA



James Martin, Chief  
Office of Oil and Gas

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J.H Meredith #1- Surface and Coal Owner

7022 2410 0002 1137 0518

U.S. Postal Service™ *JH Meredith #1*  
**CERTIFIED MAIL® RECEIPT**  
Domestic Mail Only *SURFACE & COAL OWNER*

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

**OFFICIAL USE**

Certified Mail Fee	\$4.10
	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.52
Total Postage and Fees	\$7.72

Postmark Here  
05/08/2023

Send To  
*Coalman Coal Company*  
Street and Apt. No., or PO Box No.  
*975 Technology Drive Suite 101*  
City, State, ZIP+4  
*Canonsville, PA 15317*

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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WW-9  
(5/16)

API Number 47 - 049 - 00162  
Operator's Well No. J.H. Meredith #1

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

Operator Name Unknown- DEP Paid Plugging Contract OP Code \_\_\_\_\_

Watershed (HUC 10) Little Creek Quadrangle Riversville

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 \_\_\_\_\_)

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

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

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

-Landfill or offsite name/permit number? Meadowfill, Landfill Permit # SWF 1032

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.

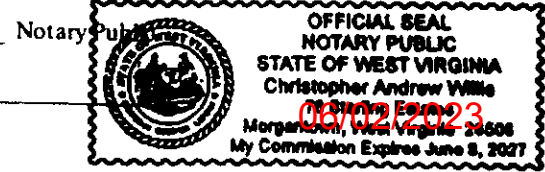
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 *Matthew A. Yawnsley*  
Company Official (Typed Name) Matthew A. Yawnsley  
Company Official Title Operations Manager

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WV Department of Environmental Protection

Subscribed and sworn before me this 1 day of May, 2023

*Christopher Andrew Williams*



My commission expires June 8, 2027

Proposed Revegetation Treatment: Acres Disturbed 0.21 acres Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-200 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

See Attached

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: Randall M. Fuchberg

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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Title: WV DEP Oil & Gas Inspector Date: May 5, 2023

Field Reviewed? ( ) Yes ( ) No

06/02/2023

# CAUDILL SEED

1854 E. MAIN ST. CH. HOUSE - HARDENED NY 48251 - NYS 4 4823



## NOTICE TO CONSUMERS

Notice to consumers regarding the use of this product. This product is intended for use as a... (text is mostly illegible due to heavy noise and low resolution)

Notice to users regarding the use of this product. This product is intended for use as a... (text is mostly illegible due to heavy noise and low resolution)

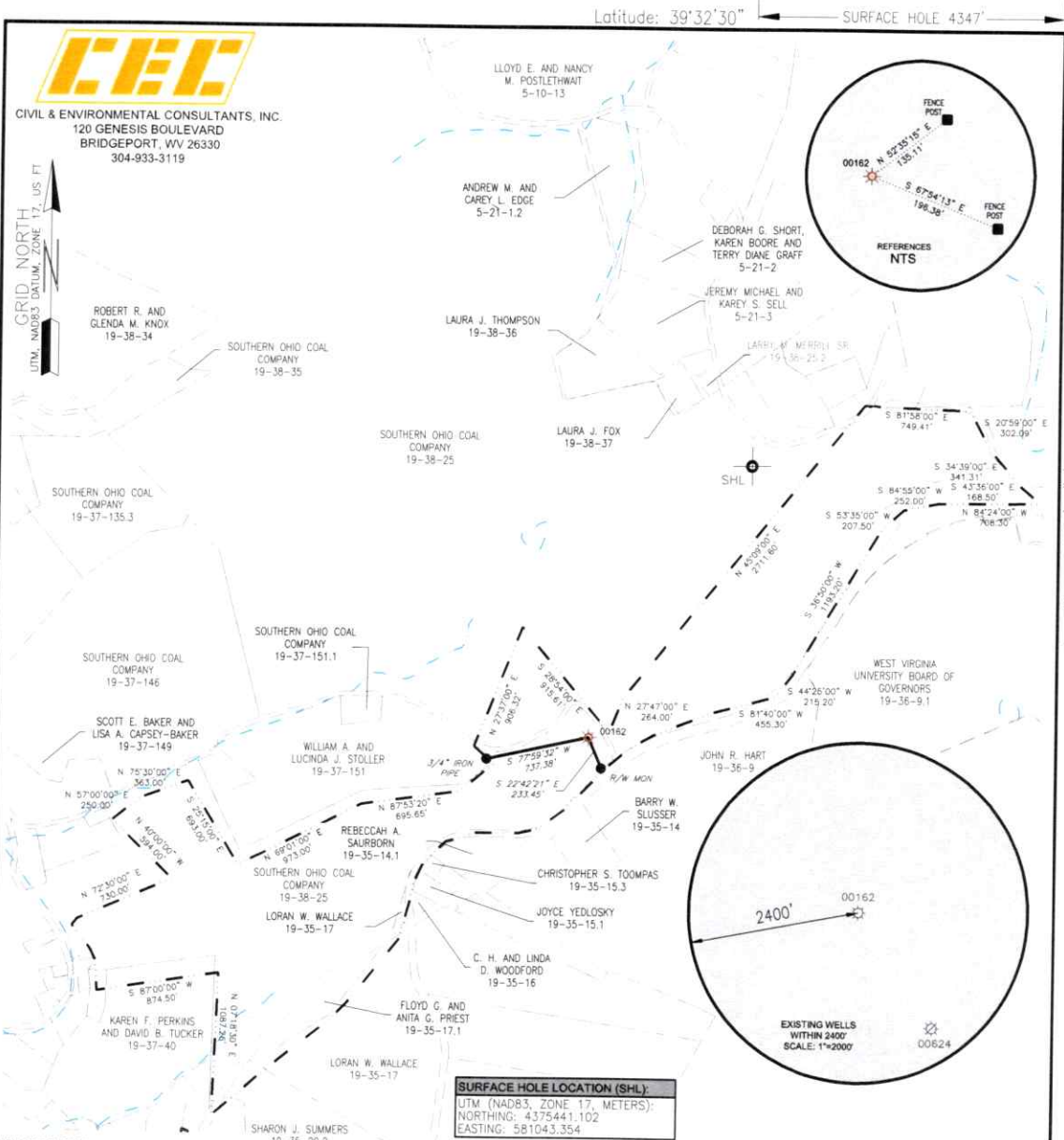
CAUDILL SEED 2015  
NET WT. 50  
GROSS WT. 1.00  
NET WT. 50  
GROSS WT. 1.00  
NET WT. 50  
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GROSS WT. 1.00  
NET WT. 50  
GROSS WT. 1.00

NOTICE: NETS PER LB

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MAY 09 2023  
WV Department of  
Environmental Protection

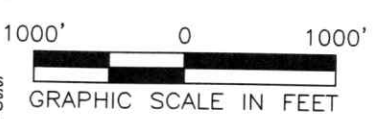
06/02/2023



**NOTES ON SURVEY**

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL &amp; GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/2500</p>	<p>OPERATOR'S WELL #: J. H. MEREDITH 1</p>
	<p>PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>API WELL #: 47 049 00162</p> <p>STATE COUNTY PERMIT</p>

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: LITTLE CREEK

DISTRICT: WINFIELD COUNTY: MARION ELEVATION: 1190.00'

SURFACE OWNER: SOUTHERN OHIO COAL COMPANY QUADRANGLE: RIVESVILLE

OIL & GAS ROYALTY OWNER: SOUTHERN OHIO COAL COMPANY ACREAGE: 753.06±

DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY)

TARGET FORMATION: ESTIMATED DEPTH: 2,320'

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP DESIGNATED AGENT: H. JASON HARMON

ADDRESS: 601 57TH STREET, SE ADDRESS: 601 57TH STREET, SE

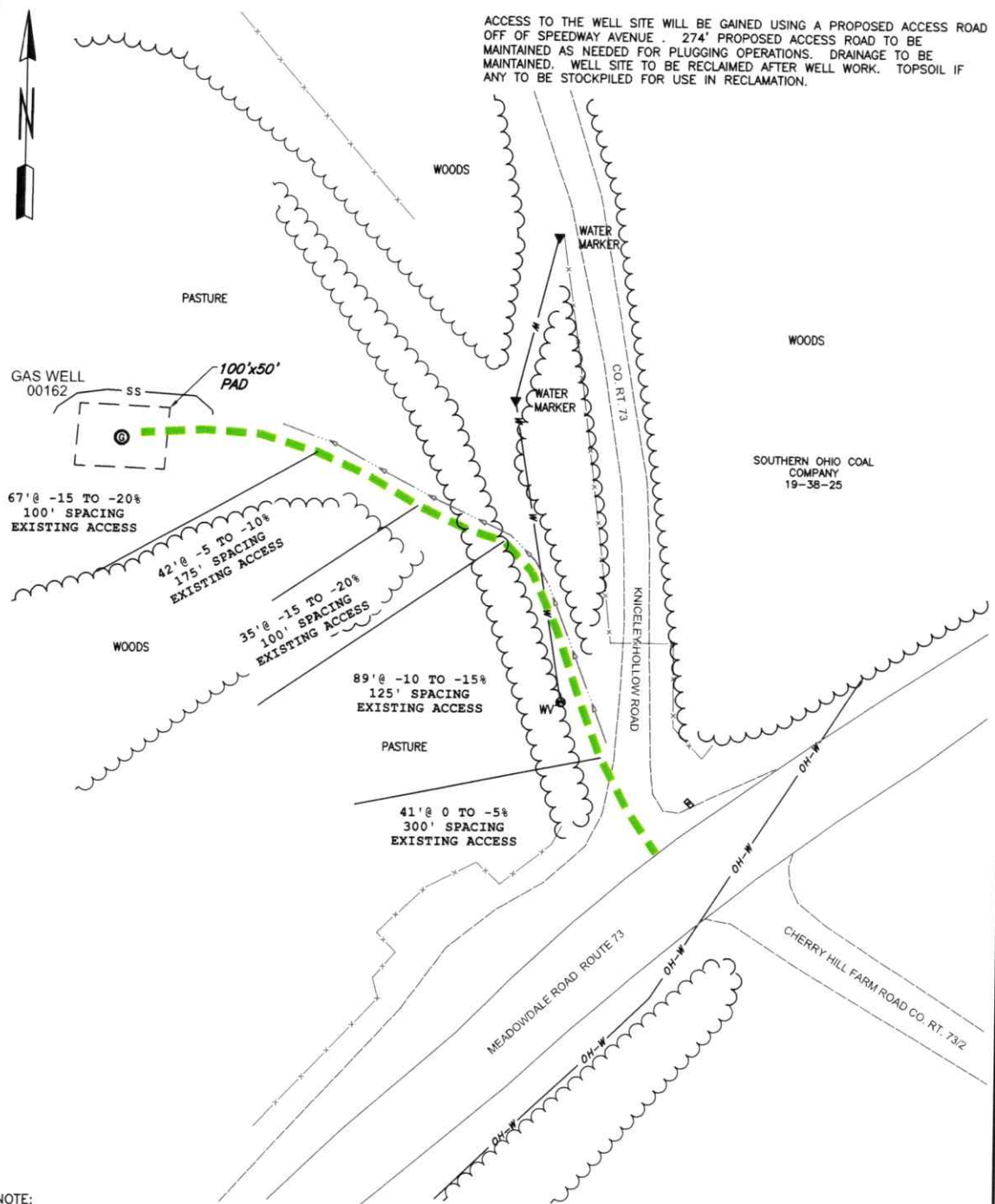
CITY: CHARLESTON STATE: WV ZIP CODE: 25304 CITY: CHARLESTON STATE: WV ZIP CODE: 25304

<p>LEGEND:</p> <p>★ EXISTING / PRODUCING WELLHEAD</p> <p>--- LEASE BOUNDARY</p>	<p>REVISIONS:</p>	<p>DATE: 04-26-2023</p>
		<p>DRAWN BY: K.E.S.</p> <p>SCALE: 1" = 1000'</p> <p>DRAWING NO: 324-573</p> <p>WELL LOCATION PLAT</p>

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NOTE:  
INSTALL CULVERTS AS SHOWN OR AS CONDITIONS REQUIRE.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAINS AS REQUIRED IN THE WV DEP OFFICE OF OIL AND GAS EROSION AND SEDIMENT CONTROL BMP MANUAL. WHERE FIELD CONDITIONS DICTATE, ALTERNATE ALTERNATIVE EROSION CONTROL MEASURES SHALL BE ENACTED AS REQUIRED.

ALL ROADS SHOWN HEREON SHALL BE MAINTAINED IN ACCORDANCE WITH WV DEP OFFICE OF OIL AND GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL AS REVISED 5/2012. ENTRANCES UPON COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS, HOWEVER, SEPARATE PERMITS MAY BE REQUIRED BY THE WV D.O.T..

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATIONS TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

NOT TO SCALE

<b>LEGEND:</b>		— ss — SILT FENCE	— x — EXISTING FENCE	<b>NOTES</b> 1. NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR FLUIDS.
⊙ EXISTING / PRODUCING WELLHEAD	— OH-W — OVERHEAD ELECTRIC	— — — PARCEL LINE		
⊙ EXISTING POWER POLE	— — — TREE LINE	— — — ACCESS		
▨ DIVERSION DITCH	— — — DITCH LINE	— — — GRAVEL AREA		
⊙ TREE				

<b>WELL OPERATOR:</b> UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP		<b>WELL (FARM) NAME:</b> J. H. MEREDITH		<b>WELL #</b> 1
<b>ADDRESS:</b> 601 57TH STREET, SE CHARLESTON, WV 25304		<b>COUNTY - CODE</b> MARION - 049	<b>DISTRICT:</b> WINFIELD	
<b>SURFACE OWNER:</b> SOUTHERN OHIO COAL COMPANY		<b>USGS 7 1/2 QUADRANGLE MAP NAME</b> RIVESVILLE, WV		

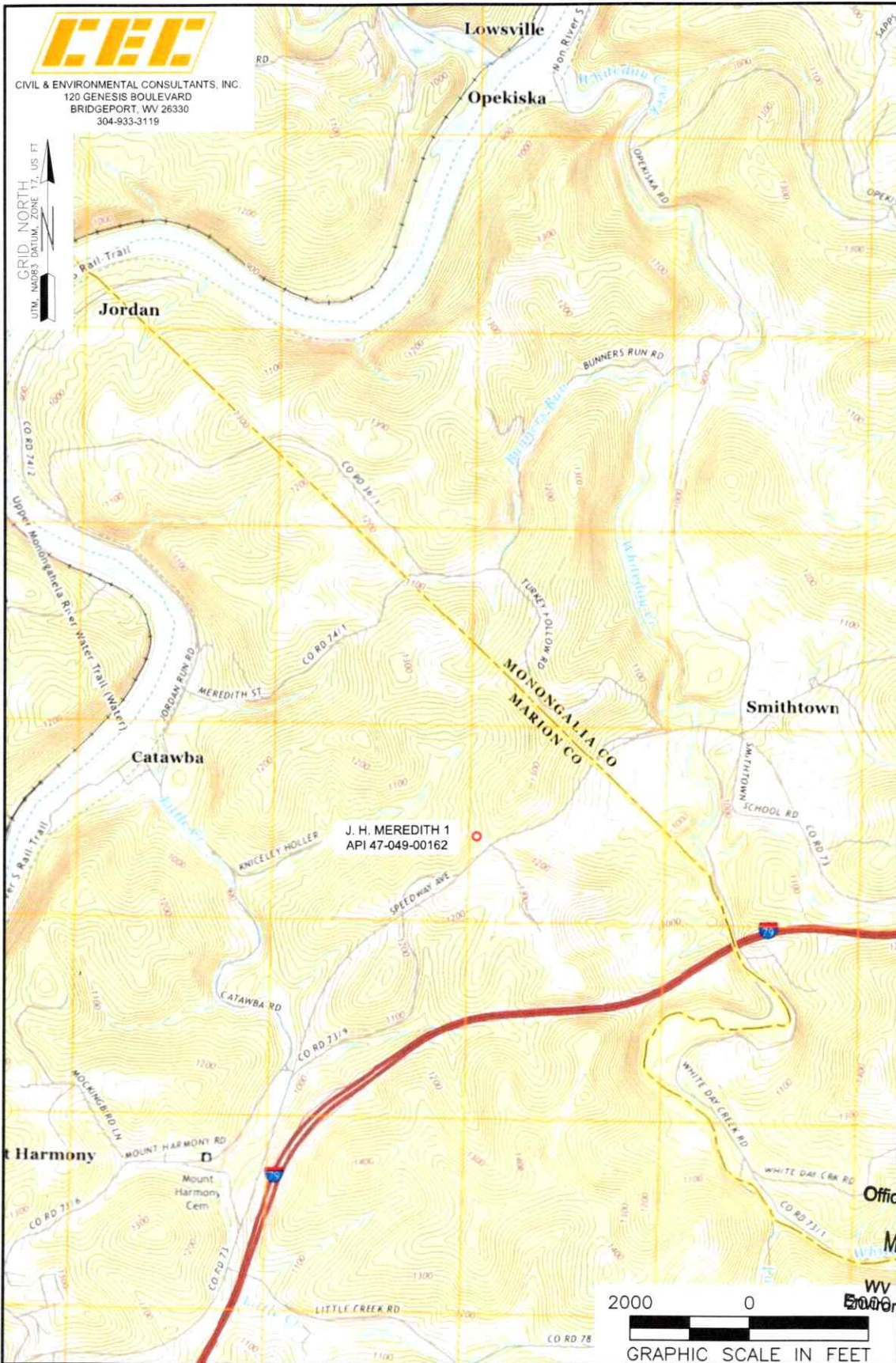
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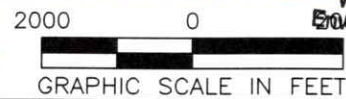


CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
 120 GENESIS BOULEVARD  
 BRIDGEPORT, WV 26330  
 304-933-3119

GRID NORTH  
 UTM, NAD83 DATUM, ZONE 17, US FT



J. H. MEREDITH 1  
 API 47-049-00162



**NOTES ON SURVEY**

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3. ALL BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- EXISTING SURFACE HOLE
- ACCESS ROAD

WELL OPERATOR:  
 UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP  
 ADDRESS:  
 601 57TH STREET, SE, CHARLESTON, WV 25304  
 SURFACE OWNER:  
 SOUTHERN OHIO COAL COMPANY 753.06± ACRES

WELL (FARM) NAME:  
 J. H. MEREDITH  
 COUNTY - CODE  
 MARION - 049  
 DISTRICT;  
 WINFIELD DISTRICT  
 USGS 7 1/2 QUADRANGLE MAP NAME  
 RIVESVILLE, WV

WELL #  
 1

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

J. Harper Meredith  
COAL OPERATOR OR COAL OWNER

Fairmont, W. Va.  
ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

J. Harper Meredith  
OWNER OF MINERAL RIGHTS

Fairmont, W. Va.  
ADDRESS

Alex R. Watson  
NAME OF WELL OPERATOR

310 Walnut Avenue, Fairmont, W. Va.  
COMPLETE ADDRESS

April 17, 19 47

PROPOSED LOCATION

Winfield District

Marion County

Well No. One 39° 35'  
80° 00'

J. Harper Meredith Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 1st, 1947, made by J. Harper Meredith, to Alex R. Watson, and recorded on the \_\_\_\_\_ day of \_\_\_\_\_, in the office of the County Clerk for said County in Book \_\_\_\_\_, page \_\_\_\_\_.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Alex R. Watson  
WELL OPERATOR  
310 Walnut Ave  
STREET  
Fairmont  
CITY OR TOWN  
West Va  
STATE



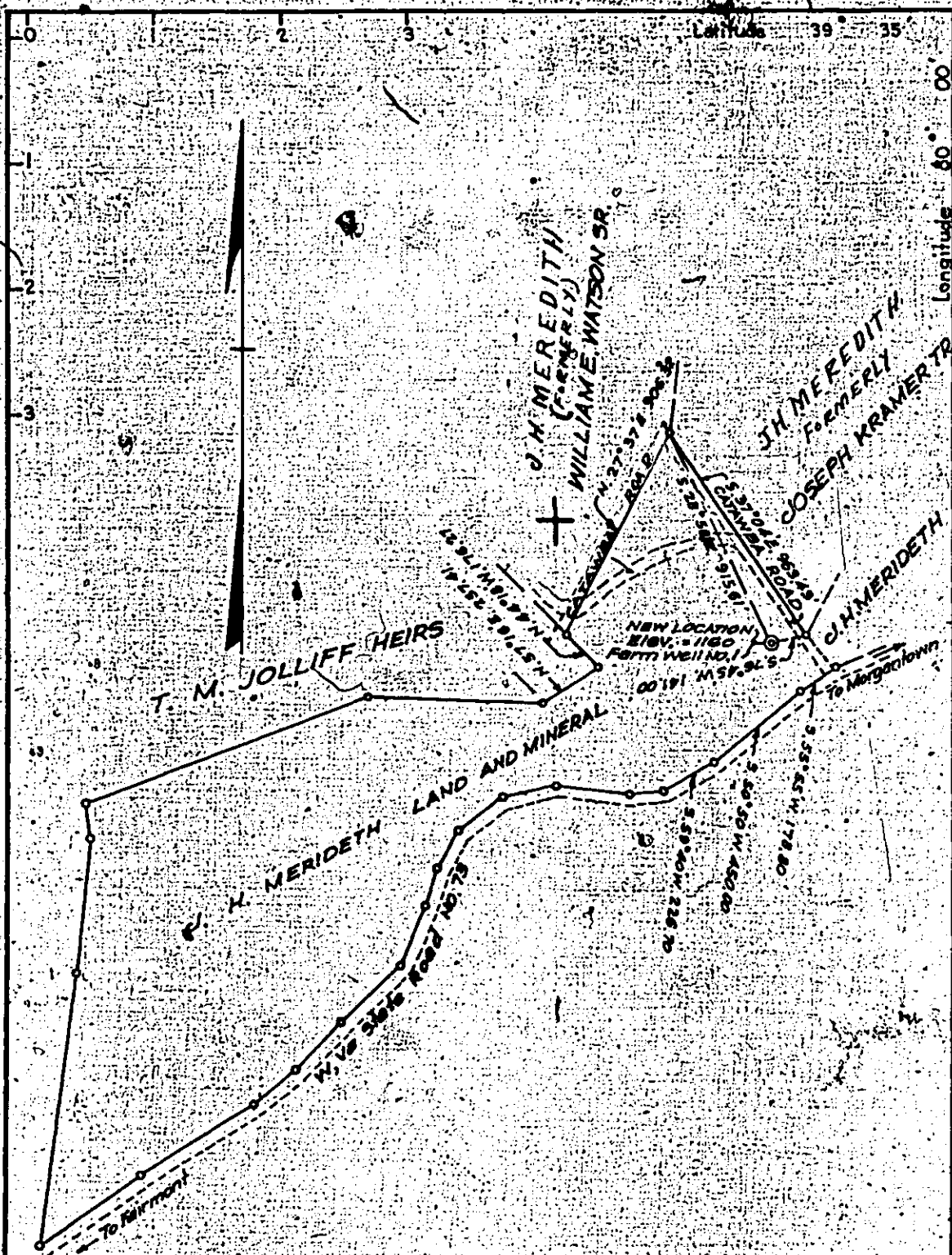
Address of Well Operator }

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MAY 09 2023  
WV Department of Environmental Protection

\*Section 3 . . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

06/02/2023

162



Company	<u>A.R. WATSON</u>		
Address	<u>FAIRMONT, W.VA.</u>		
Farm	<u>J.H. MERIDETH</u>		
Tract	<u>J.H. Merideth</u>	Acres	<u>128.4</u>
Lease No.	<u>1</u>		
Well (Farm) No.	<u>1</u>	Serial No.	<u>—</u>
Elevation Spirit Level	<u>1160.0</u>		
Quadrangle	<u>BLACKSVILLE</u>		
County	<u>MARION</u>	District	<u>WINEFIELD</u>
Engineer	<u>S.A. Shuttleworth</u>		
Registration No.	<u>90</u>		
File No.	<u>—</u>	Drawing No.	<u>W-1</u>
Date	<u>4-15-47</u>	Scale	<u>1" = 500'</u>

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

**WELL LOCATION MAP**  
 FILE NO. MAR-162

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 WV Department of  
 Environmental Protection

● NEW WELL LOCATION

06/02/2023

**SURFACE OWNER WAIVER**

Operator's Well  
Number \_\_\_\_\_

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

**WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,  
**RECEIVED**  
Office Of Oil and Gas

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name  
By  
Its

\_\_\_\_\_  
**MAY 09 2023**  
\_\_\_\_\_  
WV Department of  
Environmental Protection

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**06/02/2023**



**SURFACE OWNER WAIVER**

Operator's Well  
Number

J.H. Meredith (47-049-00162)

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

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Department of Environmental Protection  
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- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

RECEIVED  
Office Of Oil and Gas

**VOLUNTARY STATEMENT OF NO OBJECTION**

MAY 09 2023

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

WV Department of Environmental Protection

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____
		Signature _____
		Date <b>06/02/2023</b>

API No.	<u>47-049-00162</u>
Farm Name	<u>J.H. Meredith</u>
Well No.	<u>#1</u>

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

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

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

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

**WAIVER**

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

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

By: \_\_\_\_\_

Its \_\_\_\_\_

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MAY 09 2023  
  
WV Department of  
Environmental Protection



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

---

## plugging permit has been issued 4704900162

1 message

---

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

Fri, Jun 2, 2023 at 9:37 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, MYearsley@shaftdrillers.com, mtrach@wvassessor.com, Randall M Kirchberg <randall.m.kirchberg@wv.gov>

To whom it may concern, a plugging permit has been issued for 4704900162.

James Kennedy

WVDEP OOG

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 **4704900162.pdf**  
2635K

06/02/2023