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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, May 7, 2024

WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-085-02485-00-00

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: CLARK, G. W.  
U.S. WELL NUMBER: 47-085-02485-00-00  
Vertical Plugging  
Date Issued: 5/7/2024

## **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.



## WELL PLUGGING PROJECT

47-085-02485

Well Name # - 1

### Well detail:

The Office of Oil and Gas does have a well record for the subject well ( 47-085-02485). The record show well TD at 2100'. Additionally the record shows 465' of 10" surface casing and 2100' of 4-1/2" casing cemented back to 540'. Location of packer is unknown. The depth of rods and tubing is unknown. The elevation at the well site is 1108'. The production zone for the subject well is Big Injun. The location of cement behind the 10" surface casing is unknown. Fresh water reported at 500' and 210'. No coal was reported.

### Site-based considerations:

The well site is mostly flat and covered in heavy brush. The service road is over grown with brush and large trees. The well site and service road will need to be cleared of all brush and trees, all debris shall be piled and left on location. Excavation at the well site and service road will be required to make the site accessible for the plugging equipment. E&S controls will be required. Three culverts 16" x 40' will be installed in the service road, culverts will remain in place upon completion. The well is currently leaking oil and gas from the 4-1/2" casing at the surface of the well. There is a pump jack, separator and other production equipment at the well site. There is no tank associated with this well. OOG will contact locate 811 to have all sub surface utilities marked.

05/17/2024

WELL API # 47-085-02485  
WELL # 1  
PLUGGING WORK ORDER

The work order for the manner of plugging this well is as follows:

1. Notify inspector specialist, Allen Flowers @ (304) 552-8308.  
Email address is [Allen.D.Flowers@wv.gov](mailto:Allen.D.Flowers@wv.gov) , Notification is required 24 hrs prior to commencing plugging operations.
2. Move in and rig up to existing 4-1/2 inch casing.
3. TIH pull rods, tubing and if found.
4. TIH check TD @ or below 2100'. If TD cannot be reached begin cleaning out hole to approved depth/TD by inspector.
5. Once TD has be reached and approved by inspector a bond log will be ran inside the 4-1/2" casing to determine cement bond location and free points. Any casing found with out cement in the annulus that cannot be retrieved must be perforated at all required locations.
6. TIH to TD with tubing, spot 6% gel followed by cement from TD' to 1800'. TOH, WOC tag top of plug. Add cement if needed.
7. TIH with tubing, spot 6% gel from 1800' to 1500', followed by cement plug From 1500' to 1400'. TOH, WOC tag top of plug. Add cement if needed
8. TIH with with tubing , spot 6% gel from 1400' to 1158', followed by cement Plug from 1158' to 1058'. TOH, WOC tag top of plug. Add cement if needed.
9. TIH with tubing, spot gel from 1058' to 600' followed by cement plug from 600' to 500'. TOH, WOC tag top of plug. Add cement if needed.
10. TIH TO 500' and cut 4-1/2 casing, attempt to pull.
11. TIH with tubing, spot gel from 500' to 300' followed by cement plug from 300' to surface.
12. Rig down and install monument, reclaim site.  
**NOTE.. Any casing found in the well with out cement in the annulus that Cannot be retrieved must be perforated and cemented at all saltwater, Freshwater, coal, gas, casing shoe and elevation points.**
13. Class L cement will be used as a replacement for Class A cement during Supply chain interruptions.







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Waiting for maps*

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

G. W. Clark  
COAL OPERATOR OR COAL OWNER

Glendale, W. Va.  
ADDRESS

No coal operations  
COAL OPERATOR OR COAL OWNER

ADDRESS

G. W. Clark  
OWNER OF MINERAL RIGHTS

Glendale, W. Va.  
ADDRESS

Mid Eastern Oil and Gas  
NAME OF WELL OPERATOR

Rt. 2, Cairo, W. Va.  
COMPLETE ADDRESS

Nov. 11, 19 61  
PROPOSED LOCATION

Grant District

Ritchie County

Well No. 1 <sup>39° 20'</sup> 91° 10' E 1108'

G. W. Clark Farm  
78 Acres

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 May 22, 1961, made by G. W. Clark, to R. N. Burgess, and recorded on the 14th day of August, 1961, in the office of the County Clerk for said County in Book 94, page 371.

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.

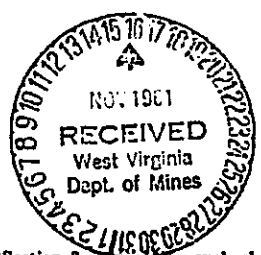
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting 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, [Signature]  
Mid Eastern Oil and Gas  
WELL OPERATOR  
Rt. 2  
STREET  
Cairo  
CITY OR TOWN  
W. Va.  
STATE



Address of Well Operator }

\*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.

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle St. Marys

WELL RECORD

Oil or Gas Well Gas

Permit No. Rit-2485

Company Mid Eastern Oil & Gas  
Address Route #2, Cairo, W. Va.  
Farm G. W. Clark Acres 78  
Location (waters) Douglass Run  
Well No. 1 Elev. 1108  
District Grant County Ritchie  
The surface of tract is owned in fee by G. W. Clark  
Address Glendale, W. Va.  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>465</u>		Size of
<u>8"</u>	<u>1212</u>		
<u>7"</u>	<u>1894</u>		Depth set
<u>5 7/8"</u>	<u>2100</u>		
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced \_\_\_\_\_  
Drilling completed 1/11/62  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /100' Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

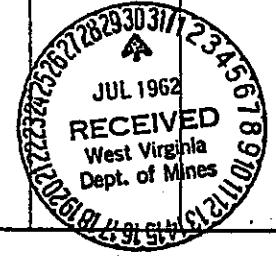
CASING CEMENTED 1 1/2" SIZE 540' No. Ft 1/25/62 Date  
60 Sks Cement - 10 Sks. Aquagel by Garaton

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

WELL FRACTURED 2/14/62 833 bbl. water & 36,000# sand

RESULT AFTER TREATMENT No Record - Well now producing  
ROCK PRESSURE AFTER TREATMENT No Record -  
Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Records lost - the following from GR-Density Log.							
Sand, Shale & Lime			0'	1894'			
Lime (Big Lime)			1894	1928			
Shaly Sand			1928	1949			
Shale			1949	1970			
Sand (Big Injun)			1970	2061			
Shale			2061	2098			
Total	Depth			2098'			



(over)

05/17/2024







west virginia department of environmental protection

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 ) ORDER NO. 2022-13  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**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.

Promoting a healthy environment.

05/17/2024

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



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James Martin, Chief  
Office of Oil and Gas

05/17/2024

1) Date: 2/19/2024  
2) Operator's Well Number  
# - 1

3) API Well No.: 47 - 085 - 02485

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

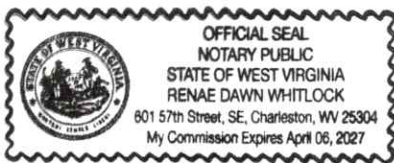
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>MATTHEW &amp; KATLYN GRAY</u>	Name <u>N/A</u>
Address <u>1668 ADAMS HOLLOW</u>	Address _____
<u>ST. MARYS, WV 26170</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>ALLEN FLOWERS</u>	(c) Coal Lessee with Declaration
Address <u>165 GRASSY LICK ROAD</u>	Name <u>N/A</u>
<u>LIBERTY, WV 25124</u>	Address _____
Telephone <u>(304) 552-8308</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 WV DEP PAID PLUGGING CONTRACT  
 By: *Jaron Harmon*  
 Its: \_\_\_\_\_  
 Address 601 57TH STREET S E  
CHARLESTON, WV 25304  
 Telephone (304) 926-0499 EX 41100

Subscribed and sworn before me this 16th day of April 2024  
*Renae Dawn Whitlock* Notary Public  
 My Commission Expires April 6, 2027

**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).

05/17/2024

**SURFACE OWNER WAIVER**

Operator's Well  
Number

47 - 085 - 02485

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

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

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

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

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

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

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

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

<u>Keelyn [Signature]</u>	Date <u>2/16/24</u>	Name	<u>DEP OOG PAID PLUGGING</u>
Signature		By	
		Its	
			Date

Signature Date 05/17/2024



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

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned well(s) and/or tank(s) on or adjacent to my property.

This well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a possible pollutant to the surface or underground, or is wasting natural resources (leaking) and must be properly plugged or cleaned out and replugged.

I hereby acknowledge that I have no objection to the State of West Virginia having responsible contractors enter upon or traverse my property for the purpose of plugging this well (s) and/or remove tank(s).

Permit No. (if known)	<input type="text" value="47-085-02485"/>	Well No. (if known)	<input type="text" value="# 1"/>
Farm Name	<input type="text" value="KATLYN GRAY"/>	County	<input type="text" value="RITCHIE - 085"/>
District	<input type="text" value="GRANT"/>	Waters of	<input type="text" value="GOOSE CREEK, HUGHES RIVER"/>

The contractor will properly plug the above named well(s), remove all material from the well location and reclaim, seed and mulch the well location and well road accesses used to state specifications. The plugging and reclamation shall be supervised by the WVDEP.

Owner Name	<input type="text" value="KATLYN GRAY"/>	Owner Signature	<input type="text" value="Kathryn Gray"/>
Owner Address	<input type="text" value="1668 ADAMS HOLLOW"/>	Date	<input type="text" value="2/16/23"/>
	<input type="text" value="ST. MARRY WV 28170"/>		

Please Return To: WVDEP - OFFICE OF OIL AND GAS  
601 57<sup>th</sup> Street S. E.  
Charleston, WV 25304

WW-4B

API No. 47-085-02485

Farm Name MATTHEW & KATLYN GRAY

Well No. # - 1

**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: 2/19/2024

NO COAL

By: [ ]

Its [ ]

05/17/2024

WW-9  
(5/16)

API Number 47 - 085 - 02485  
Operator's Well No. # - 1

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

Operator Name WV DEP PAID PLUGGING CONTRACT OP Code \_\_\_\_\_

Watershed (HUC 10) GOOSE CREEK, HUGHES RIVER Quadrangle ST. MARYS

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: N/A

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 UNKNOWN AT THIS TIME )
- 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: N/A

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

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

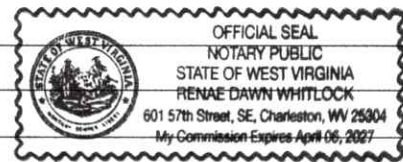
-Landfill or offsite name/permit number? UNKNOWN AT THIS TIME

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) JASON HARMON  
Company Official Title DEPUTY CHIEF



Subscribed and sworn before me this 11th day of April, 2024

[Signature] Notary Public

My commission expires April 6, 2027

05/17/2024

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH N/A

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10 - 10 - 20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
N/A		FESCUE	30
		CONTRACTOR MIX	10
		CLOVER	10

**Attach:**

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: ALLEN FLOWERS

Comments: All brush shall be piled and left on location. All stone and culverts shall remain in place upon completion.

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Title: INSPECTOR Date: 2/19/2024

Field Reviewed? (  ) Yes (  ) No

## PLUGGING PROJECT

# 1

API # 47-085-02485

### Site Preparation:

200 Ft of silt fence will be installed around the well site to isolate the disturbed ground. The area around the well 50' x 100' may be covered with tie mats or stone to stabilize the plugging equipment. A service road will need to be constructed with stone or tie mats to accommodate plugging equipment; all stone will remain upon completion. The service road estimated length is 895'. Three 16" x 40' culverts will be installed to bridge drainage ditches in the service road. E & S controls will be required for the well site and service road. All production equipment shall be dismantled and removed from the well site. A minimum 24" cellar will be installed around the well head. All trees and brush that have been cut to clear the well site and service road shall be piled and left on location.

05/17/2024



**PLUGGING PROJECT**

**#1**

**API # 47-085-02485**

**Site Reclamation:**

All production equipment shall be dismantled and removed to offsite disposal. All silt fences shall be removed and disposed of. All tie mats shall be removed from the well site and service road. The three 16" x 40' culverts shall remain in place. The cellar shall be removed from around the well head. All disturbed areas including the service road will be smoothed, seeded and mulched per DEP code. A well monument will be install at the well head, minimum 6" diameter and 42" above final grade.

**05/17/2024**







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

API: 47 - 085 - 02485 WELL NO.: # - 1  
FARM NAME: MATTHEW & KATLYN GRAY  
RESPONSIBLE PARTY NAME: WV DEP PAID PLUGGING CONTRACT  
COUNTY: RITCHIE - 085 DISTRICT: GRANT  
QUADRANGLE: ST. MARYS  
SURFACE OWNER: MATTHEW & KATLYN GRAY  
ROYALTY OWNER: G. W. CLARK  
UTM GPS NORTHING: 4349893.6  
UTM GPS EASTING: 484157.1 GPS ELEVATION: 1108'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

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

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

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

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

**ALLEN FLOWERS**

Signature

**INSPECTOR**

Title

**6/19/2023**

Date

**Well Name # 1**  
**PLUGGING PROJECT**  
**API # 47-085-02485**

**I. SPECIAL PROVISIONS**

**1.0 Location/Site Description**

Located at 1668 Adams Hollow, ST. Marys WV 26170

The GPS location is as follows:

Coordinates, 39.298276, -81.183734 Decimal Degrees

**Directions to site:**

**From the Charleston Area:**

**Take I-77 N to exit US-Rte 50. Turn right on Rte 50 E and continue 22 miles. Turn left on Co road 50/4, Alkire Hill road and continue 1.3 miles. Turn right on Glendale road and continue 1.7 miles. Turn left on Adams Hollow continue 1.6 miles to well site on the right.**

**From the Parkersburg Area:**

**Take I-77 S to exit US-Rte 50. Turn left on Rte 50 E and continue 22 miles. Turn left on Co road 50/4, Alkire Hill road and continue 1.3 miles. Turn right on Glendale road and continue 1.7 miles. Turn left on Adams Hollow continue 1.6 miles to well site on the right.**

**SURFACE OWNER WAIVER**

Operator's Well  
Number

47 - 085 - 02485

**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,  
ETC.

Keelin Shy  
Signature

Date 2/16/24

Name  
By  
Its

DEP OOG PAID PLUGGING

Date

Signature

05/17/2024



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

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned well(s) and/or tank(s) on or adjacent to my property.

This well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a possible pollutant to the surface or underground, or is wasting natural resources (leaking) and must be properly plugged or cleaned out and replugged.

I hereby acknowledge that I have no objection to the State of West Virginia having responsible contractors enter upon or traverse my property for the purpose of plugging this well (s) and/or remove tank(s).

Permit No. (if known)	<input type="text" value="47-085-02485"/>	Well No. (if known)	<input type="text" value="# 1"/>
Farm Name	<input type="text" value="KATLYN GRAY"/>	County	<input type="text" value="RITCHIE - 085"/>
District	<input type="text" value="GRANT"/>	Waters of	<input type="text" value="GOOSE CREEK, HUGHES RIVER"/>

The contractor will properly plug the above named well(s), remove all material from the well location and reclaim, seed and mulch the well location and well road accesses used to state specifications. The plugging and reclamation shall be supervised by the WVDEP.

Owner Name	<input type="text" value="KATLYN GRAY"/>	Owner Signature	<input type="text" value="Kathryn Gray"/>
Owner Address	<input type="text" value="1668 ADAMS HOLLOW"/>	Date	<input type="text" value="2/16/23"/>
	<input type="text" value="ST. MARRY WV 26170"/>		

Please Return To: WVDEP - OFFICE OF OIL AND GAS  
601 57<sup>th</sup> Street S. E.  
Charleston, WV 25304



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

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**plugging permit issued 4708502485**

1 message

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


Tue, May 7, 2024 at 8:55 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Allen D Flowers <allen.d.flowers@wv.gov>, Jeremy D Newlon <jeremy.d.newlon@wv.gov>, amossor@wvassessor.com

To whom it may concern a plugging permit has been issued for 4708502485.

James Kennedy  
WVDEP OOG

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 **4708502485.pdf**  
2378K

05/17/2024