

west virginia department of environmental protection

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

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

Monday, July 28, 2025 WELL WORK PLUGGING PERMIT Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re:

Permit approval for 1 47-107-00241-00-00

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: 1

Farm Name: HERNDON CHURCH LO

U.S. WELL NUMBER: 47-107-00241-00-00

Vertical Plugging Date Issued: 7/28/2025

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

- 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.

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WV Department of Environmental Protection

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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	District Union		Ouadrang Willow Island 7.5
į. š	Woll Operator Unknown - WVDEP Paid Plugging Contract	7)Designated Ag	ent Jason Harmon
	Address 601 57th Street Southeast	Address 601 57th Street Southeast	
	Charleston, WV 25304		Charleston, WV 25304
3)	Oil and Gas Inspector to be notified	9)Plugging Cont	
	Name April Lawson		thern Hydrocarbon Corporation
	Address 347 Main St.	Address	34 Little Coal River Road
	Spencer, WV 25276	Д	dum Creek, WV 25003

Notify which but be possent then a final \mathbf{w}_{i}^{*} and \mathbf{d}_{i}^{*} in good in .4 Such a notify except a work can improve \mathbf{w}_{i}^{*} .

April Lawson Dightly signed by: April Lawson PDR: CN - April Lawson ereal value for the Company of Company of

See Attached Work Procedures

JUN 2 3 2025

April Lawson DN: CN - April Lewson email * april.n. Spring Company of Co. 1 (2014) Co. (2015) Co. (

WV Department of Environmental Protection

Plugging Procedure

Date: 05/30/2025 API #: 47-107-00241

Operators Well Number: Herndon Church Lot #1

Closest Offest Wells with available information: 47-107-00241

- 1. Notify the inspector at least 24 hours prior to conducting abandonment operations
- 2. Blow down well.
- 3. POOH with Tubing, RIH and confirm TD and fill depth
- 4. Prep for cement. NOTIFY INSPECTOR OF TAG DEPTH.
- 5. Lead with 6% gel spacer on all cement plugs.
 - a. Note: API Class A or Class L will be used for cement plugs.
- 6. Plug 1: Set 100' cement plug from approved tag depth (+/- 1584').
- 7. Plug 2: Set 100' cement plug from 1123' to 1023' to cover 6 5/8" Casing Shoe
- 8. Free point 6 5/8", rip and pull pipe.
- 9. Plug 3: Set 100' cement plug across casing cut (50' inside and 50' on top)
- 10. Plug 4: Set 100' cement plug from 750' to 850' to cover elevation.
- 11. Plug 5: Set cement plug from 175' to Surface.
- 12. Set Monument 30" above ground with Well Name, API Number, and Plug Date



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

RECEIVED
Office of Oil and Gas

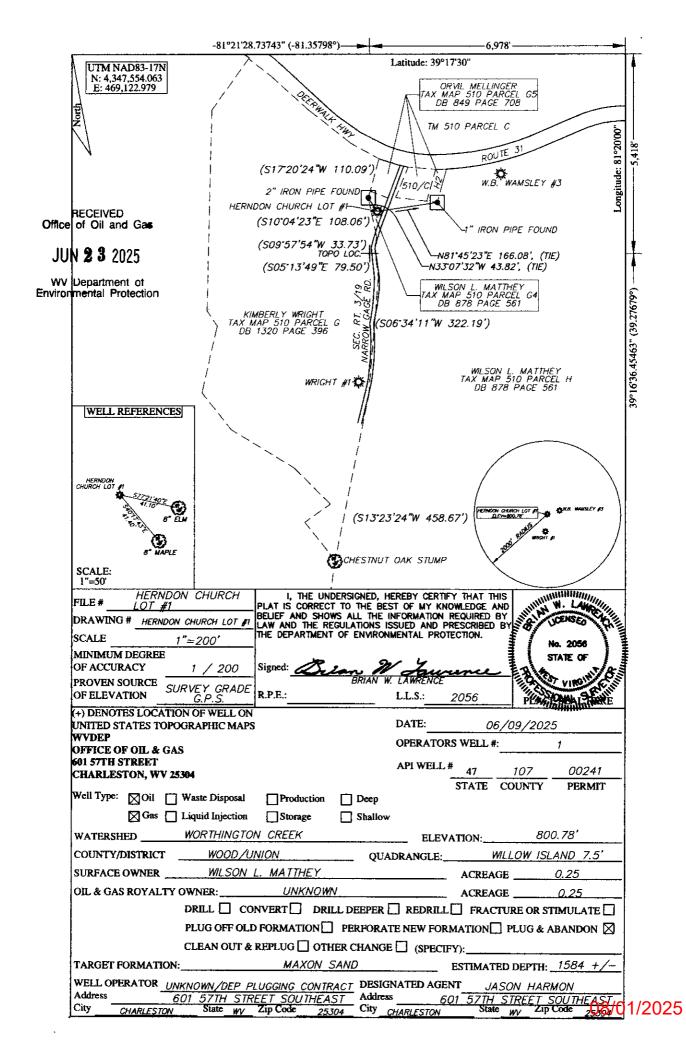
JUN 2 3 2025

WV Department of Environmental Protection

WELL RECORD

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Address Waverly, W.Va.	STATE OF WEST VIRGINIA DEPARTMENT OF MINES
Farm Herndord Church lot.	OIL AND GAS DIVISION CHARLESTON
Tract Acres Lease No.	CHARLESION
Well (Farm) No Serial No	WELL LOCATION MAP
Elevation (Spirit Level) 790'	FILE NO. WOO - 2 41/15/2023
Quadrangle Marietta Ohio	j
County Wood District Minion	+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, lat-
Engineer Ino Triplett	itude and longitude lines being represented 0/04/2025
Engineer's Registration No.	_
CH- Ma Danielan Ma	- Denotes one Inch spaces on border line



WW-4A Revised 6-07 RECEIVED
Office of Oil and Gas

JUN 2 3 2025

WV Department of Environmental Protection Date: 05/30/2025
 Operator's Well Number

Herndon Church Lot #1

3) API Well No.: 47 -

107 - 00241

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator	
(a) Name Wilson L. Matthey	Name	Not Reported
Address 6360 Deer Walk Hwy.	Address	
Walker, WV 26180	4) 0, 10	() ::1 P 1 ::
(b) Name Not Reported		oner(s) with Declaration
Address	Name	Not Reported
	Address	
(c) Name Not Reported	Name	
Address	Address	
6) Inspector April Lawson	(c) Coal Les	see with Declaration
Address 347 Main St.	Name	Not Reported
Spencer, WV 25276	Address	
Telephone (681) 990-6944		
However, you are not required to take any action. Take notice that under Chapter 22-6 of the We accompanying documents for a permit to plug. Protection, with respect to the well at the locate.	hat you have rights regarding the application at all. est Virginia Code, the undersigned well of and abandon a well with the Chief of the tion described on the attached Application described or certified mail or delegation.	ation which are summarized in the instructions on the reverses side. operator proposes to file or has filed this Notice and Application and e Office of Oil and Gas, West Virginia Department of Environmental on and depicted on the attached Form WW-6. Copies of this Notice, ivered by hand to the person(s) named above (or by publication in
- Wel	ll Operator Unknown - DEP Paid	Plugging Contract
OFFICIAL SEAL By:		There Hammer
NOTARY PUBLIC STATE OF WEST VIRGINIA		Gas Deputy Chief
RENAE DAWN WHITLOCK 601 57th Street, SE, Charleston, W 25304 Add	dress 601 57th Street Sout	heast
My Commission Expires April 06, 2027	Charleston, WV 2530	04
	ephone 304-926-0452	
Subscribed and sworn before me this	day of Cyline	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 depprivacyoffier@wv.gov.

08/01/2025



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WV Department of Environmental Protection WW-9 (5/16)

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JUN 2 3 2025

_00241 API Number 47 - 107 Operator's Well No. Herndon Church Lot #1

WV Department of Environmental Protection DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_Unknown - WVDEP Paid Plugging Contract OP Code
Watershed (HUC 10) Worthington Creek Quadrangle Willow Island 7.5'
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: Production Fluid and Cement Returns
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 1 1 1 10 10 10 10 10 10 10 10 10 10 10
Will closed loop systembe used? If so, describe: Above Ground Steel Pit
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? 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 the 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 from Ammo OFFICIAL SEAL
Company Official (Typed Name) NOTARY PUBLIC STATE OF WEST VIRGINIA RENAE DAWN WHITLOCK
Company Official Title 601.57th Street, SE, Charleston, WV 25304 My Commission Expires April 06, 2027
Subscribed and sworn before me this 35 day of, 20 35
Notary Public
My commission expires 08/01/2025

JUN 2 3 2025

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WV Department of Environmental Protection

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Attach: Maps(s) of road, location, pit: provided). If water from the p (L. W), and area in acres, of the	it will be land applied, pro ne land application area.	I application (unless engineered plans inclu- ovide water volume, include dimensions (L,	ding this mfo have be W. D) of the pit, and
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WW-9- GPP Rev. 5/16

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Page of O0241

API Number 47 - 107 - 00241

Operator's Well No. Herndon Church Lot #1

WV Department of Environmental Protection

DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS GROUNDWATER PROTECTION PLAN

atershed (H	UC 10): Worthing	ton Creek		Quad: Willow Island 7.5'
arm Name:			Lot	
List the p		the treatment	and discharge of flui	ids. Include a list of all operations that could contaminate th
N/A				
Describe ;	procedures and eq	uipment used t	o protect groundwate	erquality from the list of potential contaminant sources abov
N/A	<u></u>		· · · · · · · · · · · · · · · · · · ·	
			 	
List the c discharge		, distance to o	closest water body, a	and distance from closest Well Head Protection Area to the
Worthing	ton Creek			Mark Miles II I I I I I I I I I I I I I I I I I
	e all activities at y	our facility the	at are already regulat	ed for groundwater protection.
Summariza				· · · · · · · · · · · · · · · · · · ·
Summariza N/A				

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API Number 47 - 10	7 _ 0024	1	
Operator's Well No	Herndon	Church Lot	#(

W۷	Departr	ment	ot
nviror	mental	Prote	ection

	Environmental Protection
N/A	
. Provide a state	ement that no waste material will be used for deicing or fill material on the property.
N/A	
. Describe the g provide directi	groundwater protection instruction and training to be provided to the employees. Job procedures shall on on how to prevent groundwater contamination.
N/A	
. Provide provis	ions and frequency for inspections of all GPP elements and equipment.
N/A	
Signature:	
Date:	

Date: 05/30/2025

James Martin
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
(304)-926-0450

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Office of Oil and Gas

JUN 23 2025

WV Department of Environmental Protection

Mr. Martin,

Due to our cement provider, Kosmos Cement Company LLC, discontinuing Class A cement, the following well we will be utilizing API Class L cement for the plugging operation.

API Number: 47-107-00241

Well Name: Herndon Church Lot #1

Regards,
Terry Rexroad
R&R Well Service L.L.C.



west virginia department of environmental protection

Office of Oil and Gas 601 57th 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

- 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.
- 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.

 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

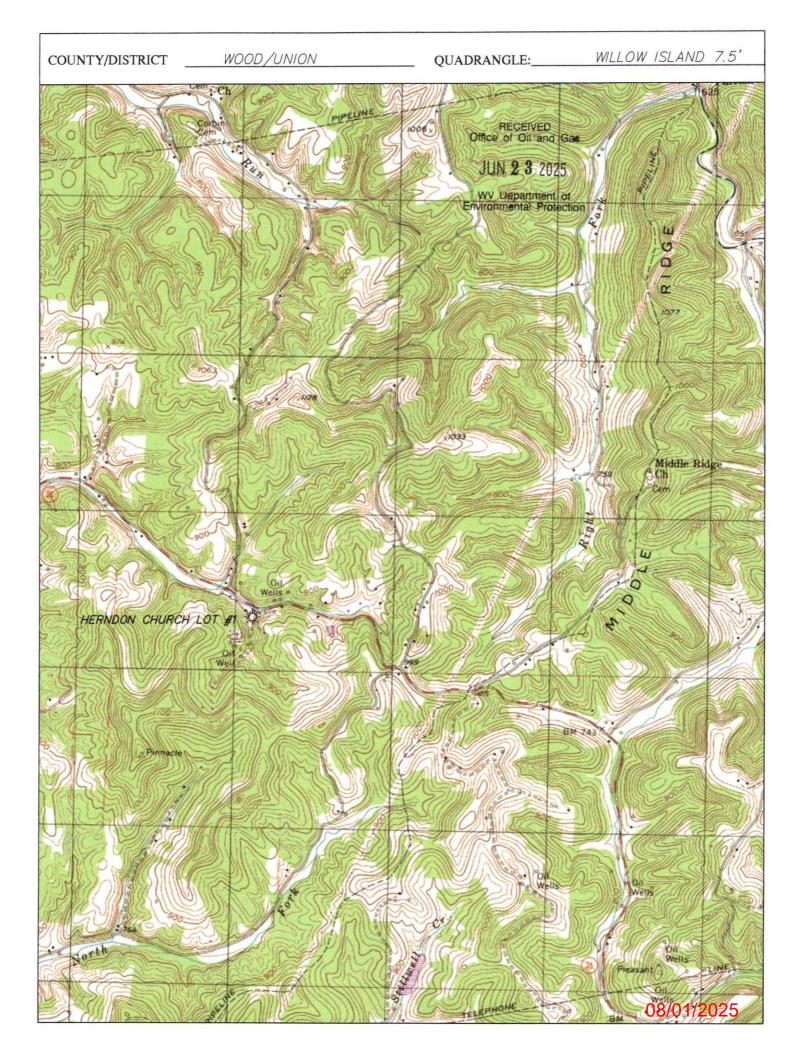
It is ordered that the Class L cement product approved and monogramed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

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



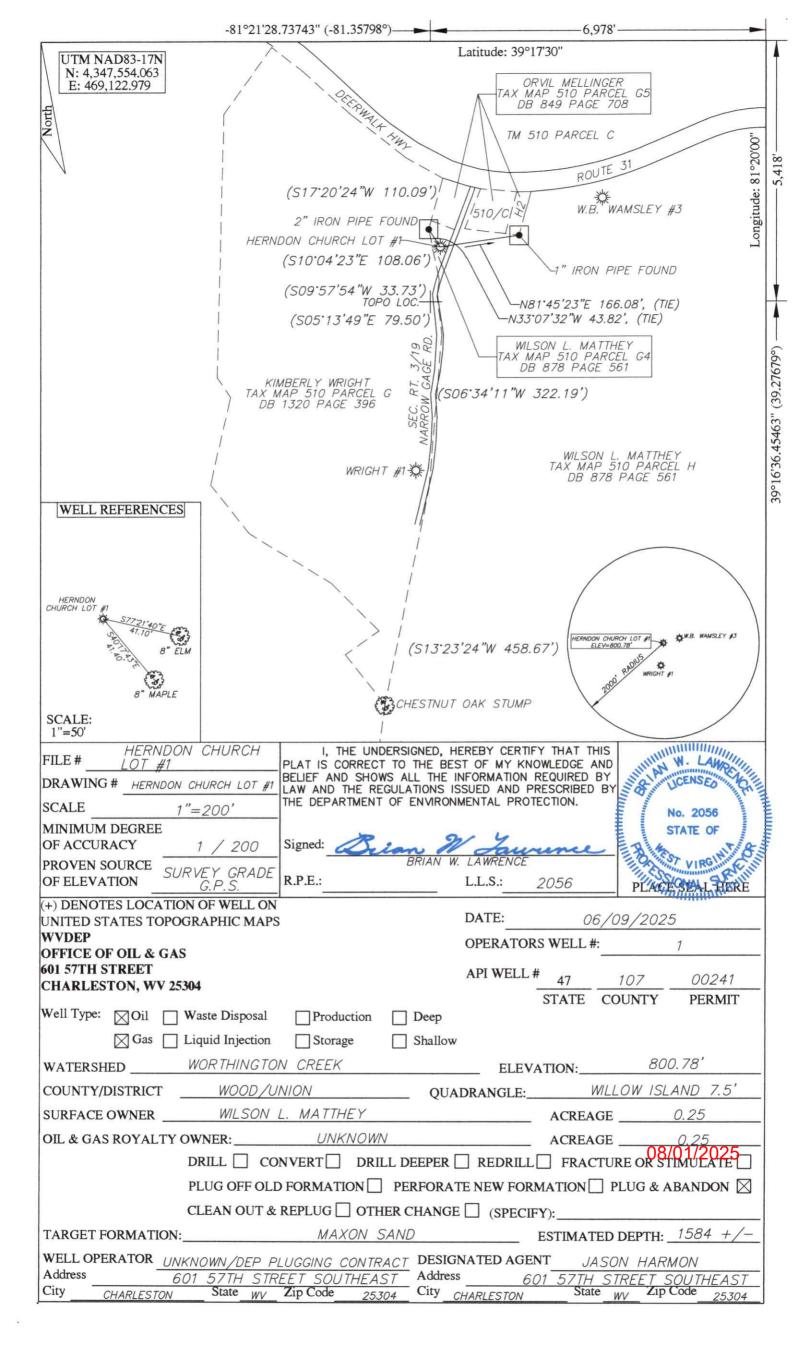
JUN 2 3 2025

WV Department of Environmental Protection

West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

VIELE EX	/C211101\ 1 O1	4
_{API:} 47-107-00241	W	ELL NO.: ¹
FARM NAME: Herndon	Church Lot	·
RESPONSIBLE PARTY NAME	:	
COUNTY: Wood	DISTI	RICT: Union
QUADRANGLE: Willow IS		
SURFACE OWNER: Wilson		
ROYALTY OWNER: Unknown	own	
UTM GPS NORTHING: 4,34	7,554.063	<u>.</u>
UTM GPS EASTING: 469,12		S ELEVATION: 800.78'
preparing a new well location plat is above well. The Office of Oil and Othe following requirements: 1. Datum: NAD 1983, Zorn height above mean sea It. 2. Accuracy to Datum - 3. 3. Data Collection Method Survey grade GPS X : Post P.	Gas will not accept GF ne: 17 North, Coordina evel (MSL) – meters. 05 meters	PS coordinates that do not meet ate Units: meters, Altitude:
Real-	Time Differential X	<u> </u>
Mapping Grade GPS: Pos	st Processed Different	ial
Re	al-Time Differential	
4. Letter size copy of the I the undersigned, hereby certify the belief and shows all the information prescribed by the Office of Oil and	is data is correct to the required by law and	e best of my knowledge and
Signature	Title	Date 08/01/2025



WW-4B

RECEIVED
Office of Oil and Gas

JUN 2 3 2025

WV Department of Environmental Protection API No. 47-107-00241
Farm Name Herndon Church Lot #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 then 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	
has examined this proposed plugging w	ork order. The undersigned he cell operator has complied with	/ of the coal under this well location as no objection to the work proposed to be a all applicable requirements of the West
Date:		
	By:	
	Its	

SURFACE OWNER WAIVER

JUN 2 3 2025

WV Department of Environmental Protection Operator's Well Number

Herndon Church Lot #1

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.

<u>Comments must be in writing.</u> 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 a permit being issued on to FOR EXECUTION BY A NATURAL I ETC.	hose materials.	planned wo		se materials, and I have no ION BY A CORPORATION,
Signature	Date	Name		
Signature		By Its		Date
			Signature	08/01/2025 Date

11/10/2016

PLUGGING PERMIT CHECKLIST

RECEIVED
Office of Oil and Gas

JUN 2 3 2025

WV Department of Environmental Protection

Pluggin	ng Permit
	WW-4B WW-4B signed by inspector WW-4A
1 1	SURFACE OWNER WAIVER OF PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERITFIED MAIL
	COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
	WW-9 PAGE 1 (NOTARIZED)
	WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
	WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
	RECENT MYLAR PLAT OR WW-7
	WELL RECORDS/COMPLETION REPORT
	TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
	MUST HAVE VALID BOND IN OPERATOR'S NAME
	CHECK FOR \$100 IF PIT IS USED



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

plugging permits issued 4710700241 00471 01771 01772

1 message

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

Mon, Jul 28, 2025 at 12:12 PM

To: April N Lawson <april.n.lawson@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, "Southern Hydrocarbon Corp." <shydrocrbn@gmail.com>, dnohe@woodcountywv.com

To whom it may concern, plugging permis have been issued for 4710700241 00471 01771 01772.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

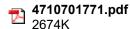
601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

4 attachments





4710700241.pdf 2063K

4710700471.pdf 2357K