

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

Friday, February 10, 2023 WELL WORK PLUGGING PERMIT Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for I-6 47-043-01633-00-00

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. N Chief

Operator's Well Number:

Farm Name: MASON, GORDON

U.S. WELL NUMBER: 47-043-01633-00-00

Vertical Plugging

Date Issued: 2/10/2023

Promoting a healthy environment.

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

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.

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/ Liqui (If "Gas, Production or Un	id injectionxx/ Waste disposal/ nderground storage) Deep/ Shallow_XX				
5) Location: Elevation 739.5'	Watershed Big Branch of Sugartree Fork				
	County Lincoln Quadrangle Griffithsville WV				
6) Well Operator Unknown DEP Paid Plugging Address 501 57th Street SE	7) Designated Agent Jason Harmon Address 601 57th Street SE				
Charleston, WV 25304	Charleston, WV 25304				
8) Oil and Gas Inspector to be notified					
Name Brian Warden					
Address 49 Elk Creek Road					
_ Debarton, WV 25670	Alum Creek, WV 25003				
Notify WVDEP Inspector within 24 hours of plugging operations commencement Notify WVDEP Inspector within 24 hours of plugging operations commencement Notify WVDEP Inspector within 24 hours of plugging operations commencement Nove in equipment rig up over well. Check for pressure on any tubing, casing or backside, blowdownersation inhow any lines and cap below ground Check ESTIMATED TD at approximately 2296 ft. If estimated depth can not be reached, contact WVDEP Inspector RIG up to pull 2-3/8 inch tubing, pull, cut or rip tubing at free point PTOH RTIH to estimated TD or 2296 ft. (or new approved depth), spot 6% gel and pump cement plug from approximately 2250-2150 WOC pull tubing to safe elevation above cement plug RTIH and tag plug, add cement as needed to plug top, PTOH to surface RIH cutter and find free point of 4-1/2 casing, cut, rip and POC to 500 ft. Estimated TOC is unknown RTIH tubing to 50 feet below cut, set 100 ft. cement plug across cut. WOC pull tubing to safe elevation above cement plug RTIH and tag plug, add cement as needed to plug top, pull tubing to elevation plug set cement plug 790-690 WOC pull tubing to safe elevation above cement plug, RiH and tag plug, add cement as needed to plug top. PTOH to surface pull remaining 4-1/2 casing to surface Rig up to pull on 8-5/8 inch casing, attempt to POC, Unknown if casing is cemented to surface Rig down, set monument with well tag showing API No. and Date, reclaim all disturbed areas.					
RTIH = run tubing in hole PTOH = pull tubing out of hole WC	OC = wait on cement POC = pull out casing				
Notification must be given to the district owork can commence.	oil and gas inspector 24 hours before permitted				
Work order approved by inspector	Date 2/2/23				



STATE OF WEST VIRGINIA DEPARTMENT 134 MINES

C.L. & GAS DIVISION OF MINES

Permit No. 47-043 Company Guyan Oil Co., Inc. Address Gordon Mason Acres 100 Location (waters) Big Branch of Mud River Well No. District County Lincoln Cond. The surface of tract is owned in fee by Columbia Gas Transmission Address P. O. Box 1273 Charleston, WV 85/8 Mineral rights are owned by Same Company Guyan Oil Co., Inc. Casing and Tubing Disposal Used in District County Lincoln County Lincoln Cond. 13-10" 9 5/8 Mineral rights are owned by Same CO2 Water FloodX Storage Disposal Cement fill up Cu ft (Sks.) County Lincoln Cond. WV Department on converted Protection (Sks.) Cond. Storage Disposal County Lincoln Cond. WV Department on converted Surface Surface Surface Surface Surface Storage Disposal Cement fill up Cu ft (Sks.) County County Cond. WV Department on converted Surface Surface Surface Surface Storage Disposal Cement fill up Cu ft (Sks.) Conficulty Size FEB 0 2 2023 WV Department on converted Surface Surface Surface Surface Surface Surface Surface Storage Disposal County Cu ft (Sks.) Company Guyan Oil Co., Inc. County Disposal County Cu ft (Sks.) Company Custor (Sks.) Cond. Surface Surface Surface Surface Surface Surface		WELL R	ECORD	ORRECTI	Rotary_X Cable	
Disposal Okind O	Quadrangle Griffithsville					
Company Guyan Oil Co., Inc. Address 222 Fifth Avenue, Htgn., W.Va. Casing and Tubing Drilling in Well Cupil Completed Computer Columbia County Lincoln Cond. Con	Permit No Lin-1677		S.	CO ₂		
Address 222 Firth Avenue Rep.	47-043			* · · · · · · · · · · · · · · · · · · ·	Disposal	(Kind)
Continue		gn., W.Va.	Casing and	Used in	Left	Cement fill up
Location (waters) Bid Branch of Mud River EG-4 (T-5) Elev Size 20-16 Cond.			Tubing	Drilling	in Well	Cu ft (Sks.)
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District Duval County Lincoln The surface of tract is owned in fee by 13-10" The surface of tract is owned in fee by 9 5/8 Address P. O. Box 1273 Charleston, WV 8-5/8 Address P. O. Box 1274 Charleston, WV 8-5/8 Address P. O. Box 1274 Charlesto	Location (waters) = 1 (1-5)	822.82				EED 0 2 2023
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Mineral rights are owned by Same	Address P. O. Box 1273 Charl	eston, WV		3961	3961	Cemented t
Address				1:		
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Drilling Completed 6-21-76 Final production —— cui. ft. per day — bbls. Final production —— cui. ft. per day — bbls. Well open —— lus. before test —— RP. Well treatment details: Attach copy of cementing record. 6-29-76 McCullough perforated with 18 Omega jets or 1 shot per foot 2312 to 2330 feet. 7-13-76 Halliburton fractured the Berea. The formation broke down a 1600	Drilling Commenced 6-16-76			T		50 sacks o
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Final production	Initial and flow cu ft	bbls	2	1		1
Well openhrs. before testRP. Well treatment details: 6-29-76	Final production cui ft per day	bhls	Liners Used	1		1
Attach copy of cementing record. 6-29-76 McCullough perforated with 18 Omega jets or 1 shot per foot 2312 to 2330 feet. 7-13-76 Halliburton fractured the Berea. The formation broke down a 1600%. Treating pressure was 1816% at 23.0 bbls. per minute. Total of salt water used was 293 and 6000% of 20/40 sand plus additives. Coal was encountered at Feet Salt Water Producing Sand Berea Sand Depth Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water Remarks Clay Sand and Rock 5 69 Sand and Shale 69 245 Shale 245 360 Sand and Shale 360 855 Shale 855 1091 Salt Sand 1251 1601 Lime 1601 1855 Shale 1855 2308 Berea Sand 2334 2382 Total Depth General Depth Coal was encountered at Feet Inches Fresh water 1900 1 1251 Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water Remarks Clay 360 855 Shale 9						1
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Proposed Work Plan

47-043-01633

- 1. Notify the state inspector within 24 hours of plugging commencement.
- 2. Run Down and check TD at approximately 2296'.
- 3. Free point and recover all tubing and casing from well.
- 4. Set 6% gel between all plugs.
- 5. Set cement plug from 2250' to 2150' then tag plug.
- 6. Set Elevation plug from 790' to 690'.
- 7. Set cement plug from 360' to 260'.
- 8. Set cement plug from 100' to surface.

Set Monument, rig down, and proceed to the next well to commence plugging.

RECEIVED Office of Oil and Gas

FEB 0 2 2023

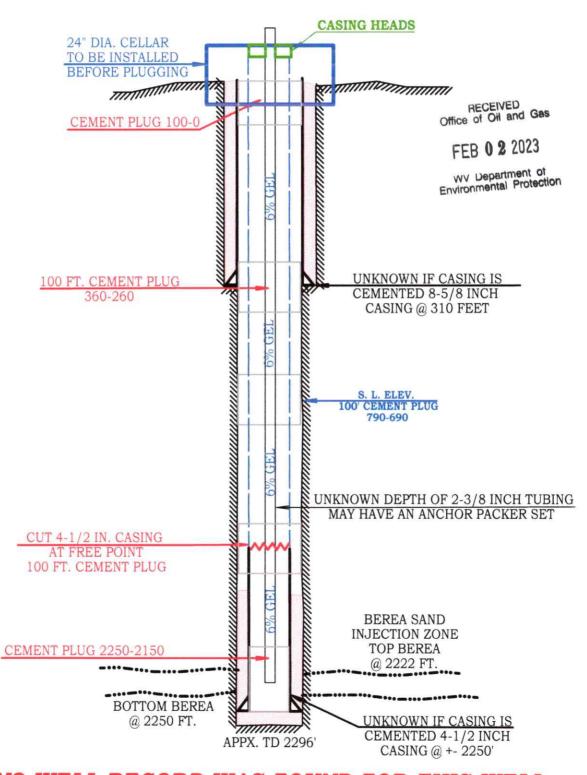
WV Department of Environmental Protection

02/10/2023

NO WELL RECORD WAS FOUND FOR THIS WELL

WELL SCHEMATIC

47-043-01633 OP # I-6 DUVAL DISRTICT LINCOLN COUNTY WV SURFACE ELEVATION: 739 FT.



NO WELL RECORD WAS FOUND FOR THIS WELL INFORMATION ESTABLISHED FROM 47-043-01677

1) Date:

2) Operator's Well Number

1-6

043

01633

3) API Well No.: 47 -

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

4) Surface Ow	ner(s) to be served: 5)	(a) Coal Operato	r
(a) Name	Lyme Mountaineer Timberlands II, I		N/A
Address	23 South Main Street	Address	
	Hanover, NH 03755		
(b) Name		(b) Coal Ov	wner(s) with Declaration
Address		Nama	N/A
		Address	
(c) Name		Name	
Address		Address	
6) Inspector	Brian Warden		ssee with Declaration
Address	49 Elk Creek Road	Name	N/A
	Delbarton, WV 25670	Address	
Telephone	304-205-3229		
TO THE DE	DOONG NAMED ADOVE.		eived this Form and EDE TOTTOwing documents:
Take notice accompany Protection, the Applica	plat (surveyor's map) showing the well location you received these documents is that you have rigou are not required to take any action at all. e that under Chapter 22-6 of the West Virginia Cooking documents for a permit to plug and abandon a with respect to the well at the location described of	on on Form WW-6. The segarding the appliance of the segarding the appliance of the segarding the attached Application or certified mail or de-	Wy Department of ication which are sensitively of the instructions on the reverses side. I operator proposes to file or has filed this Notice and Application and the Office of Oil and Gas, West Virginia Department of Environmental ion and depicted on the attached Form WW-6. Copies of this Notice, elivered by hand to the person(s) named above (or by publication in
Subscribed and	OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA RENAE DAWN WHITLOCK MY Commission Express April 06, 2027 By: Its: Address Address Telephone	60/57th Street SE Charleston, WV 25304	G Contract Harmon 2023
Vana	ea hun la britter	cre	Notary Public
My Commission	Expires Company	x3)	

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.

Office of Oil and Gas

FEB 02 2023

WV Department of Environmental Protection

U.S. Postal Service" CERTIFIED MAIL® RECEIVE	PT -	-	
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4704301633

API No. 47-048-0162323
Farm Name Guyan Oil Co. Gordan Mason
Well No. I-6

RECEIVED
Office of Oil and Gas

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

FEB 0 2 2023

WV Department of Environmental Protection

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	or/ owner/ lessee/ of the coal under this well location work order. The undersigned has no objection to the work proposed to be well operator has complied with all applicable requirements of the West ulations.
Date:January 30, 2023	No coal owner, operator and or lease
	Ву:
	Its

WW-9 (5/16)

API Number 47 -	043	- 02/16/2023
Operator's Well No.		I-6

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

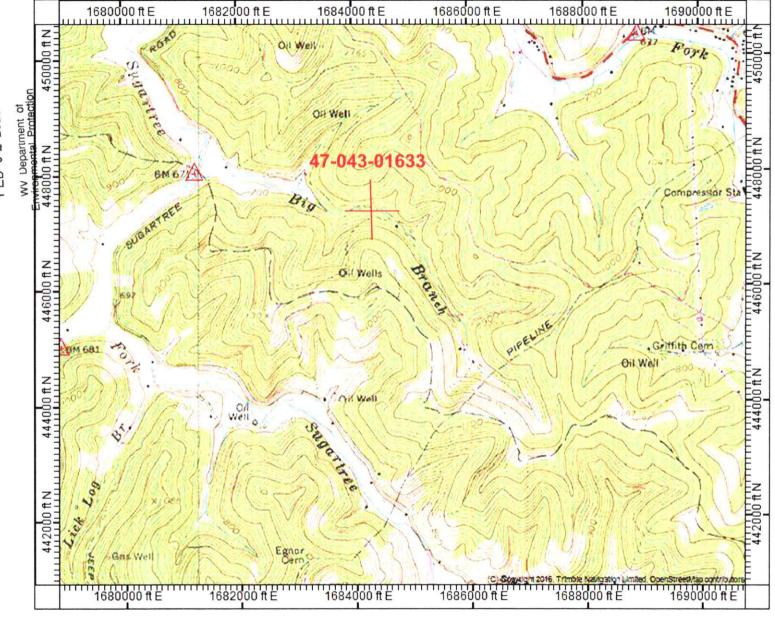
Operator Name Unknown DEP Paid Plugging OP Code
Watershed (HUC 10) Big Branch of Sugartree Fork Quadrangle Griffithsville
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
Will a pit be used? Yes No X
If so, please describe anticipated pit waste: Plugging fluids, potentially oil, salt water, gel and cement, will be flowed back to tanks
Will a synthetic liner be used in the pit? Yes No X If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:
Land Application (if selected provide a completed form WW-9-GPP) XX Underground Injection (UIC Permit Number) Reuse (at API Number) Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain
Office of Oil and Gas
Will closed loop systembe used? If so, describe:
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. WV Department of Environmental Protection
-If oil based, what type? Synthetic, petroleum, etc.
Additives to be used in drilling medium?
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)
-Landfill or offsite name/permit number?
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 o btaining 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 Company Official Title OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA HENAE DAWN WHITLOCK 601 57th Strue, SE, Charleston, WY 25004 My Commission Express April 06, 2027
Subscribed and sworn before me this

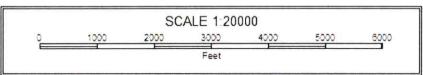
470 4 30 16 33 Operator's Well No. 02/9 0/2023

sed Revegeta	tion Treatm	ent: Acres Disturbed	0.5 acres	Preveg etation pH _	unknown
Lime	2	Tons/acre or to cor	rect to pH+	-6.0	
Fertilizer	type	10-10-10			
Fertilizer	amount	500	lbs/acre		MECEIVED Office of Oil and Class
Mulch		2	Tons/acre		FEB 0 2 2023
			Seed Mixtures		WV Department of Environmental Protection
	Tem	porary		Permanen	t
Seed Type	e	lbs/acre		Seed Type	lbs/acre
	N/A			Contractors Mix	25
				Ky. 31 Tall Fescue	25
				Ladino Clover	5
led). If water), and area in	from the pit acres, of th		provide water volum 	ss engineered plans including e, include dimensions (L, W,	
(s) of road, lo led). If water), and area in	from the pir acres, of th n of involve	t will be land applied, je land application area	provide water volum 		
(s) of road, lo led). If water), and area in copied sectio	from the pir acres, of th n of involve	t will be land applied, je land application area	provide water volum 		
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SURFACE OWNER WAIVER

47 0 4 302010/80333

Operator's Well Number

1-6

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

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Office of Oil and Gas

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WV Department of Environmental Protection

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 had objection to a permit being issue FOR EXECUTION BY A NATUETC.	d on those materials.	e planned wo		naterials, and I have no
Signature	Date	Name By		
g		Its		Date
			Signature	Date

02/10/2023



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

Plugging permits issued 4704301387 04301633 04301800

1 message

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

Fri, Feb 10, 2023 at 2:11 PM

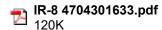
To: operations.wpsenvr@outlook.com, Brian Warden brian.warden@wv.gov, Henry J Harmon henry J Harmon <a href="mailto:henry.j.harmon@wv.go

To whom it may concern, plugging permits have been issued for 4704301387 04301633 04301800.

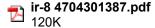
James Kennedy

WVDEP OOG

6 attachments







4704301387.pdf 1740K

TR-8 4704301800.pdf 120K

4704301800.pdf 2738K