

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, September 26, 2022 WELL WORK PLUGGING PERMIT Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC. 354 MORTON AVE.

BUCKHANNON, WV 26201

Re: Permit approval for H. HARRAH 1

47-019-00437-00-00

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: H. HARRAH 1

Farm Name: GAULEY RIVER NAT. REC

U.S. WELL NUMBER: 47-019-00437-00-00

Vertical Plugging

Date Issued:

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</u> permit conditions may result in enforcement action.

CONDITIONS

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.

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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	(If "Bas, Production or Una	epethis bitition) Deer Scall X
_}	Location: Eleveria 1421' Claria Mountain Cove	Gauley Fayette	River
į, į	Ross & Wharton Gas Co. Inc. Address P.O. Box 219 Coalton, WV 26257	atlædlongred R⊄en Addres	- Mike Ross P.O. Box 219 Coalton, WV 26257
÷ į	Ct. and Bas unscentiar to be notified that a Gary Kennedy Advised 66 Old Church Lane Pipestem, WV 25979	Name N/A	

Record Rock Acces. Free point and recover casing's & tubular's, 6% Gel between plug's Set cement plug 1000' to TD (1301') 100' above top perf Set 100' cement plug across casing cut Set plug 500' to 600', (8" casing plug, Fresh Water Protection plug) Set 100' to 0' surface plug

Tag plug's, as necessary, Set monument with API number

Totallication much be given at the district of and das inspector 4 hours before property WAIK CAR COMMERCIAL.

43 45

The second appropriately to seconds they knowld and 8/29/22

WW-4B Rev. 2/01 1) Date July 28 470 19' 0204 37 P
2) Operator's
Well No. Hallie Harrah #1
3) API Well No. 47-019 - 00437

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

7.)	Well Type: Oil/ Gas X / Liqui	had the second and are	MARKET STATE OF THE STATE OF TH
	(If "Gas, Production or Ur		
	(1. 983) 110ddel 1011	iderground Scorage) teep/ ShallowA
5)	Location: Elevation 1421'	Watershed Gauley	River
	District Mountain Cove	Count y Fayette	Quadrangle Summersville Dam
6)	Well Operator Ross & Wharton Gas Co. Inc.	7)Designated Age	
	Address P.O. Box 219	Addre	P.O. Box 219
	Coalton, WV 26257		Coalton, WV 26257
8)	Oil and Gas Inspector to be notified	91Plugaina Cont.	actor
	Mame Gary Kennedy	Name N/A	act of
	Address 66 Old Church Lane	Address	
	Pipestem, WV 25979		
	Set cement plug 1000' to TD (1301') 1	III annue ton nert	
,	Set 100' cement plug across casing of Set plug 500' to 600', (8" casing plug, Set 100' to 0' surface plug Tag plug's, as necessary, Set monume	cut Fresh Water Prote	ection plug)

OG-10 Rev. . 9-71





Lite

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

Oil and Gas Division

WELL RECORD

Quadrangle Summersville	Dam	7.5
Permit No. 47-019-0437		

RotaryX	Oil
Cable	Gas_X
Recycling	Comb.
Water Flood_	Storage
Disposal	

				(Kind)
Company Texas International Petroleum Corpor Address 740 One Valley Sq., Charleston, WV Farm Hallie Harrah, et al Acces 117.5	etionasing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Gauley River Well No. 1 Elev 1421.42' District Mount Cove County Fayette	Size 20-16 Cond.			
The surface of tract is owned in fee by Hallie Harrah, et al	9 5/8	22'	22'	to surface.
Address Ansted, West Virginia	8 5/8			1
Aineral rights are owned by Hallie Harrah, et al	7 5 1/2	449	449'	100 sx. RFC.
rilling Commenced 4/30/80 (core hole)	4 1/2	1253'	1253'	75 sx. Thixotropic
Orilling Completed 6/18/80 nitial open flow N/M cu. ft bbls.	3			
Final production 1409 Mcu. ft. per day N/A bbls. Vell open 4 hrs. before test 180 RP.	Liners Used			
Vell treatment details:	Attack	2.02		

Attach copy of cementing record. Perforated 1098'-1101', 1109'-1120', 1132'-1136', 1 shot per foot. Spotted 500 gal. 15% HCl. Loaded hole. Broke down w/300 PSI. Fraced w/20,000# 80/100 sand & 40,000# 20/40 gand. AIR-23.5 BPM. AIP-1865 PSI. ISIP-1000 PSI, 5 minutes-825 PSI, 15 minutes-625 PSI 30 minutes-400 PSI.

Coal was encountered at None reported Inches Fresh water None recorded Salt Water_ Producing Sand Ravencliff

lack ray ray ray ray ray t.Gray	Soft Hard Medium Soft Medium Soft Medium	0 615 652 654 701 722 739	615 652 654 701 722 739	Ou. Cas or Water * Remarks
ray ray ray ray ray t.Gray	Hard Medium Soft Medium Soft	652 654 701 722	654 701 722 739	
ray ray ray lk/Gray ray ray/Blk ray ray ray ray ray ray ray ray ray	Soft Hard Medium Soft Medium Soft Medium Soft Medium Soft Hard Hard	746 810 815 844 848 859 863 895 960 1050 1070	746 810 815 844 848 859 863 895 960 1050 1070 1199	1070'-gas test - no show. 1087' gas test - no show. 1118' gas test - 3/10 gas 1156' gas test - 4/10 gas T.D gas test - 5/10 gas
	ray ray lk/Gray ray ray/Blk ray ray ray ray	ray Hard ray Medium lk/Gray Soft ray Medium ray/Blk Soft ray Medium ray Soft ray Medium ray Hard ray Hard ray Hard	ray Hard 815 ray Medium 844 lk/Gray Soft 848 ray Medium 859 ray/Blk Soft 863 ray Medium 895 ray Soft 960 ray Soft 960 ray Hard 1050 ray Hard 1070	ray Soft 810 815 ray Hard 815 844 ray Medium 844 848 lk/Gray Soft 848 859 ray Medium 859 863 ray Medium 895 960 ray Soft 960 1050 ray Hard 1050 1070 ray Hard 1070 1199

RECEIVED Office of Oil & Gas Office of Chief MAY 0 9 2005

W Department of Environmental Protection

Ross & Wharton Gas Company Route 5, Box 29 Ruckhannon West Virginia 26204

8-78

30/2022

WW-4A Revised 6-07 1) Date:

July 28, 2022

2) Operator's Well Number

Hallie Harrah #1

3) API Well No.: 47 -

019

00437

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

,	vner(s) to be served:		(a) Coal Operator	r
(a) Name	James & Delores Hud	Inall	Name	N/A
Address	223 Stringtown Rd.		Address	<u> </u>
am rate:	Hico, WV 25854			***
(b) Name			The state of the s	wner(s) with Declaration
Address			Name	N/A
	X		Address	
00 D EVE				
(c) Name	S		Name	
Address	(4-)		Address	
6) Inspector	Gary Kennedy		(c) Coal Les	ssee with Declaration
Address	66 Old Church Lane		Name	N/A
Hudress	Pipestem, WV 25979	9	Address	IVA
Telephone	1-304-382-8402		radress	
rerephone				3
The reason However, of Take notic accompany Protection, the Applic	e that under Chapter 22-6 o ying documents for a permit with respect to the well at	ents is that you have r any action at all. If the West Virginia Co to plug and abandon a the location described en mailed by registere	ights regarding the applications of the undersigned well with the Chief of the on the attached Application or certified mail or del	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, clivered by hand to the person(s) named above (or by publication in
Will DD	ENDA K BUSH	Well Operator By:	Ross & Wharton Gas	s Conline.
Notary F	Public Official Seal	Its:	President	pur l
	of West Virginia Expires Sep 27, 2025	Address	P.O. Box 219	
20 Gum Street Bu	ckhannon WV 26201		Coalton, WV 26257	
		Telephone	1-304-472-4289	
Subscribed and My Commission	Sworn before me the Sulphy of Expires Supt	is asth coush comber an ao	lay of <u>August</u>	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.

09/30/2022

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON L	00437 DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, 	A. Signature X B. Received by (Printed Name)	Agent Addressee C. Date of Delivery
or on the front if space permits. 1. Article Addressed to:	D. Is delivery address different from If YES, enter delivery address b	
James of Delores Hudnall aa3 Stringtown Road Hico WV as854		
9590 9402 5645 9308 2153 14	3. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Collect on Delivery	☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise
2. Article Number (<i>Transfer from service label</i>) 7021 2720 0003 3793 3760	☐ Collect on Delivery Restricted Delivery ☐ Insured Mail ☐ Insured Mail Restricted Delivery	Signature Confirmation™ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

CESTICKER AT TOP OF ENVELOPE TO THE RIGHT F THE RETURN ADDRESS, FOLD AT DOTTED LINE CERTIFIED INAIL®	2720 0003 3743 3760	2720 0003 3743 3760	U.S. Postal Service CERTIFIED MAIL® RECEIPT Domestic Mail Only For delivery information, visit our website at www.usps.com®. OFFICIALS Certified Mail Fee \$ Extra Services & Fees (check box, add fee as appropriate) Return Receipt (hardcopy) Return Receipt (electronic) Certified Mail Restricted Delivery \$ Adult Signature Required Adult Signature Restricted Delivery \$ Postage \$ 193 Total Postage and Fees \$ 8.18
PLACE	7021	7027	Sent TO James a Delores Hudnall Street and Apt. No., or PO Box No. 223 String town Road City, State, 21P+48 Hica WV 25854 PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Domestic Return Receipt

4701900437P

SURFACE OWNER WAIVER

Operator's Well Number

47-019-00437 Hallie Hannah #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 those in FOR EXECUTION BY A NATURAL PERSE	naterials.	e planned work	described in these materials, and I have no FOR EXECUTION BY A CORPORATION,
Signature D	ate	Name By Its	Date

09/30/2022

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API Number 47 - 019	_00437
Operator's Well No.	

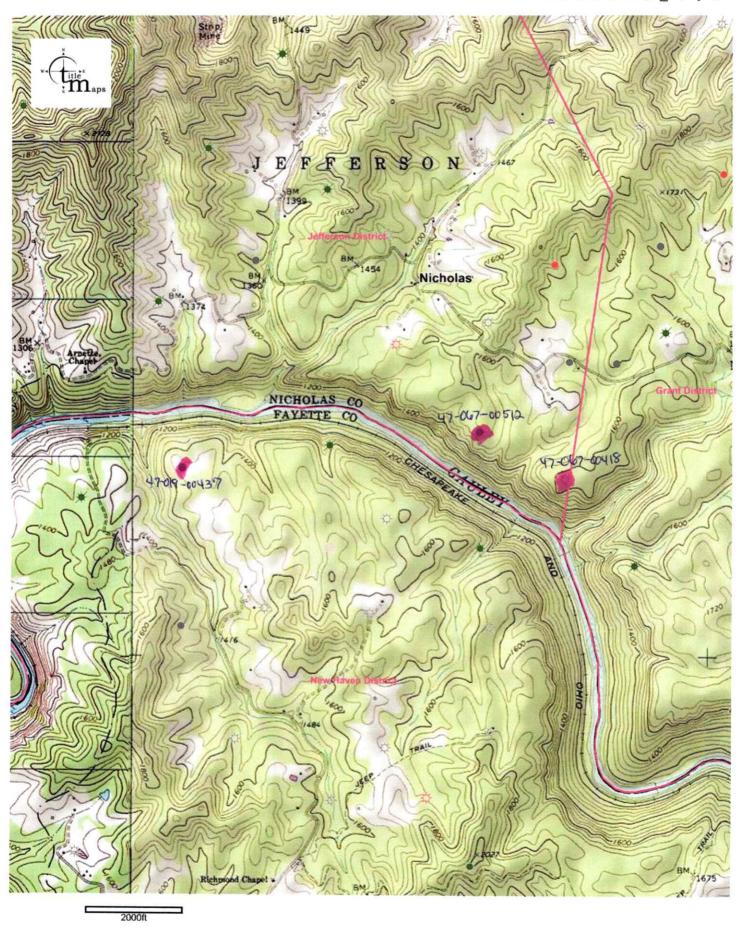
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_Ross & Wharton Gas Co. Inc.	OP Code 306580
Watershed (HUC 10) Gauley River	Quadrangle Summersville Dam
Do you anticipate using more than 5,000 bbls of water to comple	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste: Will a synthetic liner be used in the pit? Yes	
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 Underground Injection (UIC Permit Reuse (at API Number	a completed form WW-9-GPP) Number)
Off Site Disposal (Supply form WW	
Will closed loop systembe used? If so, describe:	
Drilling medium anticipated for this well (vertical and horizonta	l)? Air, freshwater, oil based, etc.
-If oil based, what type? Synthetic, petroleum, etc	
Additives to be used in drilling medium?	
Drill cuttings disposal method? Leave in pit, landfill, removed of	offsite, etc
-If left in pit and plan to solidify what medium will be u	ised? (cement, lime, sawdust)
-Landfill or offsite name/permit number?	
West Virginia solid waste facility. The notice shall be provided v	as of any load of drill cuttings or associated waste rejected at any within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Gas of the West Virgi provisions of the permit are enforceable by law. Violations of an or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based on m	onditions of the GENERAL WATER POLLUTION PERMIT issued inia Department of Environmental Protection. I understand that the my term or condition of the general permit and/or other applicable law examined and am familiar with the information submitted on this my inquiry of those individuals immediately responsible for o btaining, and complete. I am aware that there are significant penalties for imprisonment.
Subscribed and sworn before me this 25 th day of f	fugust , 20 aa
Bunda K Bush	Notary Profits BRENDA K BUSH
My commission expires September 27, 2025	Notary Public Official Seal State of West Virginia My Comm. Expire 27272

Operator's Well No. .

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5 Tons acre or to correct to pH 6.5 Fertilizer type 10-20-20 Fertilizer amount 500 Mukh Hay Seed Mixtures Temporary Permanent Seed Type lbs acre Seed Type lbs acre Fescue 30 Fescue 30 Contractor's Mix Contractor's Mix Attach: Maps(s) of road, location, pit and proposed area for land application tunless 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 (I, W), and area in acres, of the land application area. Photocopied section of involved 7.5' topographic sheet. Date: 8/29/22 Field Reviewed? (_____)Yes (_____)No





West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

_{API:} 47-019-00437	WELL NO.: 1	
FARM NAME: Hallie Hanı	nah	
RESPONSIBLE PARTY NAME: Mike Ross		
COUNTY: Fayette	DISTRICT: Mountain Cove	
QUADRANGLE: Summersville Dam		
SURFACE OWNER: James & Delores Hudnall		
ROYALTY OWNER:		
UTM GPS NORTHING: 42301.377 4230138		
UTM GPS EASTING: 50033.	15 GPS ELEVATION: 1421'	
50033	2,	
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		
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.		
Turke Koss Signature	President Aug. 25, 2022	
Signature	Title Date	



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

Plugging permit issued 4701900437

2 messages

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

Mon, Sep 26, 2022 at 2:12 PM

To: nreeder@mikerossinc.com, Gary L Kennedy <gary.l.kennedy@wv.gov>, eyoung1@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4701900437.

James Kennedy

WVDEP OOG

2 attachments



4701900437.pdf 2637K



IR-8 Blank.pdf 237K

Mail Delivery Subsystem <mailer-daemon@googlemail.com> To: james.p.kennedy@wv.gov

Mon, Sep 26, 2022 at 2:12 PM



Address not found

Your message wasn't delivered to eyoung1@assessor.state.wv.us because the address couldn't be found, or is unable to receive mail.

The response from the remote server was:

550 5.1.1 <eyoung1@assessor.state.wv.us>... User unknown

Final-Recipient: rfc822; eyoung1@assessor.state.wv.us

Action: failed Status: 5.1.1

Remote-MTA: dns; state.mx1.wvnet.edu. (129.71.2.216, the server for the domain assessor.state.wv.us.)

Diagnostic-Code: smtp; 550 5.1.1 <eyoung1@assessor.state.wv.us>... User unknown

Last-Attempt-Date: Mon, 26 Sep 2022 11:12:46 -0700 (PDT)

----- Forwarded message ------

09/30/2022

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

To: nreeder@mikerossinc.com, Gary L Kennedy <gary.l.kennedy@wv.gov>, eyoung1@assessor.state.wv.us

Cc: Bcc:

Date: Mon, 26 Sep 2022 14:12:31 -0400 Subject: Plugging permit issued 4701900437

---- Message truncated -----