

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

Wednesday, July 16, 2025
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC 1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for P-31 47-011-00615-00-00

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: HYMAN, S. J.

U.S. WELL NUMBER: 47-011-00615-00-00

Vertical Plugging Date Issued: 7/16/2025

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. 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.
- 4. 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.

1) Date June 30	, 2025
2) Operator's	
Well No. P-31	
3) API Well No.	47-011 - 00015

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

APPLICATION FO	OR A PERMIT TO PLUG AND ABANDON
	_/ Liquid injection/ Waste disposal/ or Underground storage) Deep/ Shallow
5) Location: Elevation 730' District Grant	Watershed Lower Guyandotte County Cabell Quadrangle Milton
6) Well Operator Address Pillar Energy LLC 1244 Martins Branc Charleston, WV 25	
8) Oil and Gas Inspector to be noting Name Brian Warden Address	Name TBD
0	the manner of plugging this well is as follows: If the Mark All All All Constant Co

Notification must be given to the district oil and gas inspector $24\ \mathrm{hours}$ before permitted work can commence.

Work order approved by inspector $\$

Date

7725

P-31

API# 47-011-00615

Elevation: 730' GL

Latitude/Longitude: 38.382382 / -82.146605



WV Department of Environmental Protection

P-31 Well Data (Drilled 1925)

Casing:

10" Surface @ 26' GL - Possibly pulled after setting next csg.

8-1/4" Surface Csg @ 396' GL - 230' left in the hole after pulling csg. 6-5/8" Intermediate Csg @ 1320' GL - Pulled after setting next csg.

5-3/16" Production Csg @ 1644' GL 2-3/8" Production Tbg @ 2011' GL

TD:

2051' N/A

Latch Down: Perforations:

Open Hole F/ 1644' - T/ 2051'

Coal:

N/A

Fresh Water Shows:

No record No record

Salt Water Shows: Gas/Oil Shows:

No record

P-31 Procedure:

- Notify State Inspector, Brian Warden (304)-205-3229 brian.warden@wv.gov 24 hours prior to commencing operations.
- Prep P-71 location.
- MIRU service rig, steel pits, and other ancillary equipment.
- 4. Blow well down, and TOOH w/ production tubing if present.
- 5. RIH w/ work string to ~1700'
- 6. Pump 30 BBI 6% gel.
- 7. Set 100' cement plug F/ 1700' T/ 1600'. (Csg shoe @ 1644').
- 8. TOOH to 1000', WOC 8 hrs, RIH & tag plug, add cement if needed.
- 9. 5-3/16" & 8-1/4" Casings (if present) will be ripped and removed from well bore where free. The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. 6% gel will be spotted between each plug.
 - a. 200' plug F / 1300' T/ 1100' Csg ripped or perforated at ~1250' if csg is still present
 - b. 100' plug across from location of ripped 5-3/16" casing.
 - c. 200' elevation plug F/800' T/600' (Elevation @ 730'). Csg ripped or perforated at "700' if csg is still present. JOV TO SUMME From Much WATE

 100' plug across from location of ripped 8-1/4" casing if present.

 Pump 100' plug E/ 100' – T/ surface' Csg ripped or perforated at 50' if csg is still
 - d. 100' plug across from location of ripped 8-1/4" casing if present.
 - e. Pump 100' plug F/ 100' T/ surface'. Csg ripped or perforated at 50' if csg is still present.
- 10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 sub "b").

11. Reclaim location and roads to WV DEP Specifications

ariment of ental Protection



		V	VELLBOR	E SC	HEMAT	ıc .		
Well Information:								
Well Name:	P-31					Company / Pa	ertnership: Pillar Energ	y LLC
County / State:	Cabell / WV					API Number:	47-011-00	
District / Quad:	Grant / Hamlin	n				AFE Number:		
Target:	Berea					Cost Center:		
Lat:	38.382365					Pool Code		-
Long:	-82.146625					DTD/LTD:	2051	
Surveys Hole Size	Shows	Depths (KB)	SPUD DATE: TD DATE:		4/16/1925 5/28/1925	Casings	Cement	· · · · · · · · · · · · · · · · · · ·
				tion: ~7			····	
				ПΠ		10" Conducto	r @ 26'	
						8-1/4" Surfac	e Csg @ 396', 230' left in the	hole after pulling
				$\ \cdot\ $			REC	CEIVED Oil and Gas
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					!		11.11	0 8 2025
			lit		i I	•		
			i			6-5/8" Interm	WV De ediate Casing 1326 of House	partment of protection
			TD	@ 2051		5-3/16" Produ	uction csg 1644'	
Completion Information	n	Target		3erea			Completion Date:	6/3/2025
Top Perforation (ft):			ype/Fluid:				Breakdown:	psi
Bottom Perforation (ft):			m Quality:				Pre-ISIP:	psi
No. of Shots:		BD Aci	d Volume:			gal.	мтр:	psi
Charge (gram):		Treatmer	nt Volume:			gal.	ATP:	psi
Perf Diameter:		Sand	mesh size			mesh	ISIP:	psi
Penetration:		Sar	nd Volume			sacks	5-min SIP	psi
Phasing:		Ave. Treatme	nt Rate:			bpm	10-min SIP	psi psi
Remarks:								·

, ,	T.ARNIER (AS COMPANY	vart in	O. (Serial P-3
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TORMATION	. <u>TOP</u>	BOTTOI		REMARKS
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Red rock-slate	1157	1157 1210	Shot 6/3/25	30 qts.
Mariin sand	1210	1225		
Slate-lime-shell Big Lime	1225 1260	1260 -1415		
Slate	1415	1430		
Big Injun Slate-shell	1430 1600	1600 2023		
BEREA SAID	2023	2040		
Total Depth		2051(3)		
		₩e	11 commenced Ap	r. 16, 1925
		₩e	11 completed Hay	y 28, 1925
			ntractor	
		T	E. Heans	
	COMPANY	<u> 117</u>	TERIAL USED III V	7E LL
9. SOUTHEASTERN GA AND AFFILIATED C	OMPANIES	1	V-10" Casing	
P. O. BOX 2347		39	69-810 Casing	
CHARLESTON, W. V	7215	13	20° 6 5/8° Cas 44° 5 3/16° Cas	ing
		ENED GES	7 - 9 3/10° cm	arng
	Africe: (J'	ERIAL LEET III. TO	LL .
	Omor.	y 0.8 2025 26	1-10" Casing, 0'-82" Casing, 44'-:5 3/16" Cas 1 7011	
	, , , , , , , , , , , , , , , , , , , ,	popartment of tectical	01-830 Casing	
	W > " C = "	ronmental re 10	44°5'3/16" Cas	ing /
on the Community of the	FILE		2022 Yours	

Bock Pressure

WW-4A	
Revised	6-07

1)	Date:	06/30/2025		
2)	Operator's Well Number			
P-31				

3) API Well No.: 47 -

011

00615

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

A	ner(s) to be served:	5)	(a) Coal Operator	***	
(a) Name	Mountaineer Gas Co.		Name	N/A	
Address	2401 Sissonville Dr.		Address		
	Charleston, WV 25312				
(b) Name				ner(s) with Declaration	
Address			Name		
			Address		
(c) Name			Name		
Address			Address		
6) Inspector	Brian Warden		(c) Coal Less	see with Declaration	
Address	Dian wardin		Name	ice with Declaration	
Address			Address		
Telephone	304-205-3229		_ Address		
relephone	004-200-0220				
(2) The part of the reason However, you Take notice accompanying Protection, the Applica	that under Chapter 22-6 of an documents for a permit to with respect to the well at the	wing the well location ts is that you have rig y action at all. the West Virginia Cod p plug and abandon a vel e location described on mailed by registered	this regarding the application, the undersigned well of well with the Chief of the nattached Application or certified mail or delivered.	perator proposes to file or has fil Office of Oil and Gas, West Vir n and depicted on the attached F	led this Notice and Application and ginia Department of Environmental form WW-6. Copies of this Notice, named above (or by publication in RECEIVED Gas Office Of Oil and Gas
		W II O	D:# F 11 0		Office Of On
7/1/29		Well Operator		7//()	JUL 0 8 2025
111/0		By:	Jeff Isner	the con-	-+
	SEAL - NOTARY PUBLIC	Its:	President & CEO		WV Department of WV Department of Environmental Protection
TO THE WAY	E OF WEST VIRGINIA	Address	1244 Martins Branch		Environmental
JACKSON	COUNTY PUBLIC LIBRARY		Charleston, WV 2531	2	L
208 N CHURC My Commiss	CH STREET RIPLEY, WV 25271 Ion Expires October 24, 2027	Telephone	681-205-8599		
Subscribed and	sworn before me this Chill Couch Expires ()(+	15t de	ay of July	2005 Notary Public	

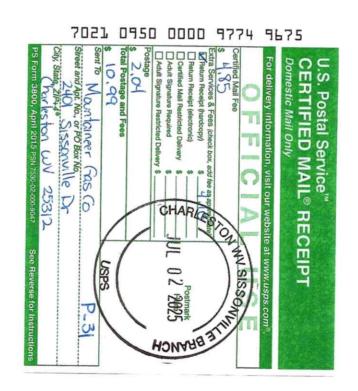
Oil and Gas Privacy Notice

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.

RECEIVED
Office Of Oil and Gas

JUL 08 2025

WV Department of Environmental Protection



API Number	47 - 011	_00615	
Operator's We	ll No.		

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Pillar Energy LLC OP Code	
Watershed (HUC 10) Lower Guyandotte Quadrangle Milton	
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes	No V
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:	
If so, please describe anticipated pit waste: Will a synthetic liner be used in the pit? Yes No If so, what ml.?	
Proposed Disposal Method For Treated Pit Wastes:	
Land Application (if selected provide a completed form WW-9-GPP)	
Underground Injection (UIC Permit Number)
Off Site Disposal (Supply form WW-9 for disposal location)	RECEIVED
Other (Explain_	Office Of Oil and Gas
	JUL 08 2025
Will closed loop systembe used? If so, describe:	WV Department of
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.	montal Prineulion
-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 a	
West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and th	
where it was properly disposed.	
I certify that I understand and agree to the terms and conditions of the GENERAL WAT	ER POLLUTION PERMIT is sued
on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmenta	Protection. I understand that the
provisions of the permit are enforceable by law. Violations of any term or condition of the general or regulation can lead to enforcement action.	permit and/or other applicable law
I certify under penalty of law that I have personally examined and am familiar with	
application form and all attachments thereto and that, based on my inquiry of those individuals imme the information, I believe that the information is true, accurate, and complete. I am aware that	rediately responsible for obtaining there are significant penalties for
submitting false information, including the possibility of fine or imprisonment.	mere are organization penalities for
Company Official Signature	
Company Official (Typed Name) Jeff Isner	
Company Official Title President & CEO	
Subscribed and sworn before me this day of July , 20	25
0.5.10	
Notary F	Public 7/1/25
My commission expires 10/24/0/	OFFICIAL SEAL - NOTARY PUBLIC STATE OF WEST OF BOTH OF
	ARIEL CATHER OF COM CONTY PUBLIC LIBRARY
	208 N CHURCH STREET RIPLEY, WV 25271 My Commission Expires October 24, 2027

		Operator's Well	No
		- ALLEN AND AND AND AND AND AND AND AND AND AN	
Proposed Revegetation Treatment: Acres Disturb	oed 1/2	Preveg etation pH	
Lime according to pH test Tons/acre or to	correct to pH 7.0		
Fertilizer type 10-20-20			
Fertilizer amount 500	lbs/acre		RECEIVED Office Of Oil and Gas
Mulch_ Hay or Straw	Tons/acre		JUL 08 2025
	Seed Mixtures	16.	WV Department of Environmental Protection
Tananana	Seed Maximes	Permane	
Temporary			
Seed Type lbs/acre Contractors Mix		Seed Type	lbs/acre
Attach: Maps(s) of road, location, pit and proposed area for provided). If water from the pit will be land applied (L, W), and area in acres, of the land application at Photocopied section of involved 7.5' topographic	ed, provide water volume, area.		
			127
Plan Approved by 200 Elle			1
Comments: Rosen to M	IP Span	Oh	
	and the manufacture of the second state of the		
7/11			
		1-2-4-10-20-20-20-20-20-20-20-20-20-20-20-20-20	
The Ann	7.	77 23	
THE:	Date:	1 1 20	
Field Reviewed? () Yes	()No		

WW-9- GPP Rev. 5/16

	Page	of	
API Number 47	7 - 011	- 00615	
Operator's Well	No.		

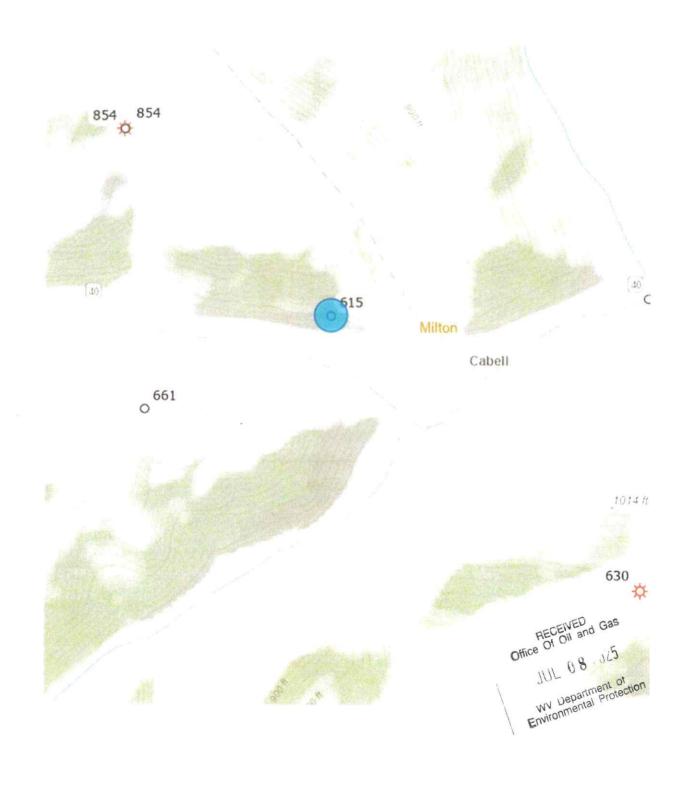
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS GROUNDWATER PROTECTION PLAN

Oper	ator Name: Pillar Energy LLC	
Wate	ershed (HUC 10): Lower Guyandotte	Quad; Milton
Farm	Name:	
	groundwater.	ge of fluids. Include a list of all operations that could contaminate the
Ple	ugging of shallow well. All residual fluids oper disposal.	will be captured in portable flowback tanks for Office Of Oil and Gas
		JUL 0 8 2025
		WV Department of Environmental Protection
2.	Describe procedures and equipment used to protect group	undwater quality from the list of potential contaminant sources above.
Pli	ugging of shallow well. All residual fluids oper disposal. M	will be captured in portable flowback tanks for
	List the closest water body, distance to closest water discharge area.	body, and distance from closest Well Head Protection Area to the
Bi	g Twomile Creek - ~300 ft.	
4. 8	Summarize all activities at your facility that are already	regulated for groundwater protection.
	•	

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

WW-9- GPP Rev. 5/16	API Number 47 - 011 - 00615 Operator's Well No.
5. Provide a statement that no waste material	will be used for deicing or fill material on the property.
7. Describe the groundwater protection instruction provide direction on how to prevent ground	ruction and training to be provided to the employees. Job procedures shall dwater contamination.
	RECEIVED Office Of Oil and Gas
	JUL 08 2025
	WV Department of Environmental Protection
3. Provide provisions and frequency for inspe	ections of all GPP elements and equipment.
	·
Signature:	
Date:	

P-31 LOCATION MAP





West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

WELLL	CATION FURNI: C	113
_{API:} 47-011-00615	WELL NO	o.:P-31
FARM NAME: S J Hyma	ın	
RESPONSIBLE PARTY NAME		
COUNTY: Cabell	DISTRICT:	Grant
QUADRANGLE: Milton		
SURFACE OWNER: Mount	aineer Gas Co.	
ROYALTY OWNER: N/A		
UTM GPS NORTHING: 4248	3864.7	
UTM GPS EASTING: 39985	64.6 GPS ELEV	_{VATION:} 730
The Responsible Party named above preparing a new well location plat if above well. The Office of Oil and Othe following requirements: 1. Datum: NAD 1983, Zon height above mean sea I 2. Accuracy to Datum – 3. 3. Data Collection Method Survey grade GPS: Post P	for a plugging permit or assign Gas will not accept GPS coordinate Unit the: 17 North, Coordinate Unit the evel (MSL) – meters. 05 meters	ned API number on the dinates that do not meet
Real-	Time Differential	ant of
Mapping Grade GPS: Pos		WV Department of Environmental Protection
	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	required by law and the regu	f my knowledge and
All some	CEO	6-30-25
Signature	Title	Date

API No.	47-011-00615
Farm Name	
Well No.	P-31

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.

SEZA ESZIZIO

	WAIVER	
The undersigned coal operator/ has examined this proposed plugging work ord done at this location, provided, the well oper Virginia Code and the governing regulations.	der. The undersigned l	
Date:	By:	
	Its	Office Of Oil and Gas
		UIL 08 (1)25 JUL 08 (1)25 WV Department of Profection Environmental Profection

SURFACE OWNER WAIVER

Operator's Well Number

P-31	
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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 of Collecting office Of Office O grounds: JUL 08 2025

- 1) The proposed well work will constitute a hazard to the safety of persons.
- The soil erosion and sediment control plan is not adequate or effective;

3) Damage would occur to publicly owned lands or resources:

WV Department of

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 the rules promulgated under Chapter 22. 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 hav	e no objection to the	he planned worl	k described in these materials, and I have no
objection to a permit being issued o	on those materials.		
FOR EXECUTION BY A NATURA ETC.	AL PERSON		FOR EXECUTION BY A CORPORATION,
	Date	Name	
Signature		Ву	
		Its _	Date

07/18/2025 Signature



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

plugging permits issued 4701100615 00648

1 message

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

Wed, Jul 16, 2025 at 11:16 AM

To: Brian Warden brian Warden spring (brian Warden spring</

To whom it may concern, plugging permits have been issued for 4701100615 00648.

--

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

2 attachments



