

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 17, 2023 WELL WORK PLUGGING PERMIT Not Available Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re:

Permit approval for 2 47-105-01414-00-00

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: KIRBY, DALE A & PAMELA J

U.S. WELL NUMBER: 47-105-01414-00-00

Not Available Plugging

Date Issued: 7/17/2023

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 4/7/	, 2023
2) Operator's	
Well No. Unknown DEP Paid P	lugging Contract
3) API Well No. 47-10	5 — 01414

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

	APPLICATION FOR A PERI	MIT TO PLUG AND ABANDON
4)	Well Type: Oil $\frac{X}{}$ / Gas $\frac{X}{}$ / Liquid	d injection / Waste disposal /
		derground storage) Deep/ Shallow X
5)	Location: Elevation	Watershed 050302031207
	District Burning Springs	County Wirt Quadrangle McFarlan
6)	Well Operator Unknown DEP Paid Plugging Contract	7) Designated Agent Jason Harmon
	Address 601 57th Street	Address 601 57th Street
	Charleston, WV 25304	Charleston, WV 25304
8)	Oil and Gas Inspector to be notified ${\color{red}Name} \frac{\text{Kenneth Greynolds}}{}$	9) Plugging Contractor Name North Wind Site Services
	Address 613 Broad Run Drive	Address 1425 Higham St
	Jane Lew, WV 26378	Idaho Falls, ID 83402
	Work Order: The work order for the mann See attached.	
		Office of O' as
		Office of O' 2023

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector

Date 4-16-23 07/21/2023

API: 47-105-01414 Elevation @ 814' No Well Records

Well Details: 7" casing visible at surface.

Offset Well 47-105-00247

Elevation @ 994'

Oil Show @ 1140'

TD @ 2097'

Gas Show @ 1366', 1950'

8 1/4" @ 583'

Salt Water @ 1832'

6 5/8" @ 1075'

Coal: None Reported

5 3/16" @ 1866'

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JUN 2 2 2023

WV Department of

Environmental Protection

Notes:

*Class A or Class L Cement is required.

*6% gel must be used between all cement plugs.

*100' cement plugs 50' in and 50' out must be set at all casing cuts.

*Any casing that cannot be pulled or is not cemented, must be perforated at all cement plugs.

Plugging Procedure:

- 1) Notify DEP State Inspector Joe Taylor 304-380-7496, a minimum 48 hrs prior to commencing plugging operations.
- 2) MIRU. Check CSIP and records pressures. Blow down well. RIH with wireline, check TD. RIH w/ CCL and locate bottom of 7" casing. Notify State Inspector for approved TD.
- 3) TIH w/ tubing to 1770' or approved TD. Pump freshwater to circulate oil from well. Pump 30 bbls of 6% gel water. Set a 218' cement plug from 1770' to 1552' (Salt water and gas show). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off with cement as needed.
- 4) TIH w/ tubing to 1186'. Set 100' cement plug covering gas show from 1186' to 1086'. TOOH w/ 30 jnts of tubing. WOC. Tag TOC. Top off with cement as needed.
- 5) TIH w/ tubing to 960'. Set 246' cement plug from 960' to 714' (7" casing seat, elevation, and oil show). TOOH w/ tubing. WOC. Tag TOC, top off with cement as needed.
- 6) Free-point 7" casing. Shoot off and pull casing. If casing cannot be pulled, perforate casing @ 200', 150', 100', and 50'.
- 7) If casing is pulled, TIH w/ tubing to casing cut. Set 100' cement plug 50' in and 50' out of casing cut. If casing is perforated, TIH w/ tubing to 200'. Circulate Class A or Class L Cement from 200' to surface. TOOH w/ tubing.

8) Top off well with cement, install monument, and reclaim to WV DEP Specification

WW-4A	
Revised	6-07

1)	Date:	4/7/2023	
2)	Operator's	Well Number	

Unknown DEP Paid Plugging Contract

3) API Well No.: 47 -

01414

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

4) S	urface Owr	ner(s) to be served		5) (a) Coal Operator		RECEIVED Office of Oil and Gas
) Name ddress	WV Division of Natural Resor	urces	Name		
A	uuress	Wildlife Resources Section 324 4th Ave, Rm 200		Address		JUN 2 2 2023
(h) Name	South Charleston, WV 25303		4) 6 10	W 12 70 12 10 10 10 10 10 10 10 10 10 10 10 10 10	
	ddress	Codul Charleston, WV 25303			ner(s) with Declaration	WV Department of Environmental Protection
-1	au coo			Name		Environmente
				Address		
(c)	Name			Name		
Ac	ldress			Address		
				Address		
6) Ins	pector	Joe Taylor		/.) C 11		
	dress	1478 Claylick Rd			ee with Declaration	
		Ripley, WV 25271		Name		
Tel	ephone	304-380-7469		Address		
	1					
	The reason yellowever, you Take notice the accompanying Protection, with Application	at (surveyor's map) she bu received these docume are not required to take a nat under Chapter 22-6 of g documents for a permit th respect to the well at the	owing the well loomers is that you have action at all. The West Virginia to plug and abando he location describe mealed by register.	cation on Form WW-6. The rights regarding the application of the undersigned well open on a well with the Chief of the Open on the attached Application applies of the application of the attached Application and the attached Application of the attached A	on which are summarized in the erator proposes to file or has filed ffice of Oil and Gas, West Virgi	in the work and describes the instructions on the reverses side. d this Notice and Application and nia Department of Environmental m WW-6. Copies of this Notice, uned above (or by publication in
	STATI RENA 601 57th Str	OFFICIAL SEAL NOTARY PUBLIC E OF WEST VIRGINIA LE DAWN WHITLOCK pert, 3E, Chariseton, WV 25304 lission Expires April 00, 2027	Well Opera By: Its: Address Telephone	tor Unknown- DEP	Paid Plugging Cont	act
ly Con	bed and sw homission E			day of Jerne	Notary Public	

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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. 07/21/2023

COMPLETE THIS SECTION ON DELIVERY A. Signature Madison AL 35756 X B. Received by (Printed Name) ☐ Agent C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type 3. Adult Signature Restricted Delivery 4 Adult Signature Restricted Delivery Cortified Mail® Cortified Mail Restricted Delivery Collect on Delivery Collect on Delivery Insured Mail Restricted Delivery Insured Mail Restricted Delivery (over \$500) Priority Mail Express® Registered Mail Pastrict Registered Mail Restrict Registered Mail Restrict Restrict Restrict Restrict Restrict Signature Confirmation Signature Confirmation Restricted Delivery Restricted Delivery

Domestic Return Receipt

powers bury, w Zulal Environmental Protection

SENDER: COMPLETE THIS SECTION

■ Print your name and address on the reverse

Attach this card to the back of the malipiece, or on the front if space permits.

Parkersburg, w 26/61

9590 9402 4957 9063 1933 10

so that we can return the card to you.

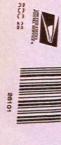
Complete items 1, 2, and 3.

Jerry westfall wydirk

2311 OHIDAVE

2. Article Number (Transfer from service label)

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



סאירה סססה עססס חדאם





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)	RECEIVED Office of Oil and Gas
35CSR8 SECTION 20.1,)	Sillo di Sil alla Cas
RELATING TO THE CEMENTING)	JUN 2 2 2023
OF OIL AND GAS WELLS)	WV Department of Environmental Protection

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

- 1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
- 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.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and 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

Office of Oil and Gas

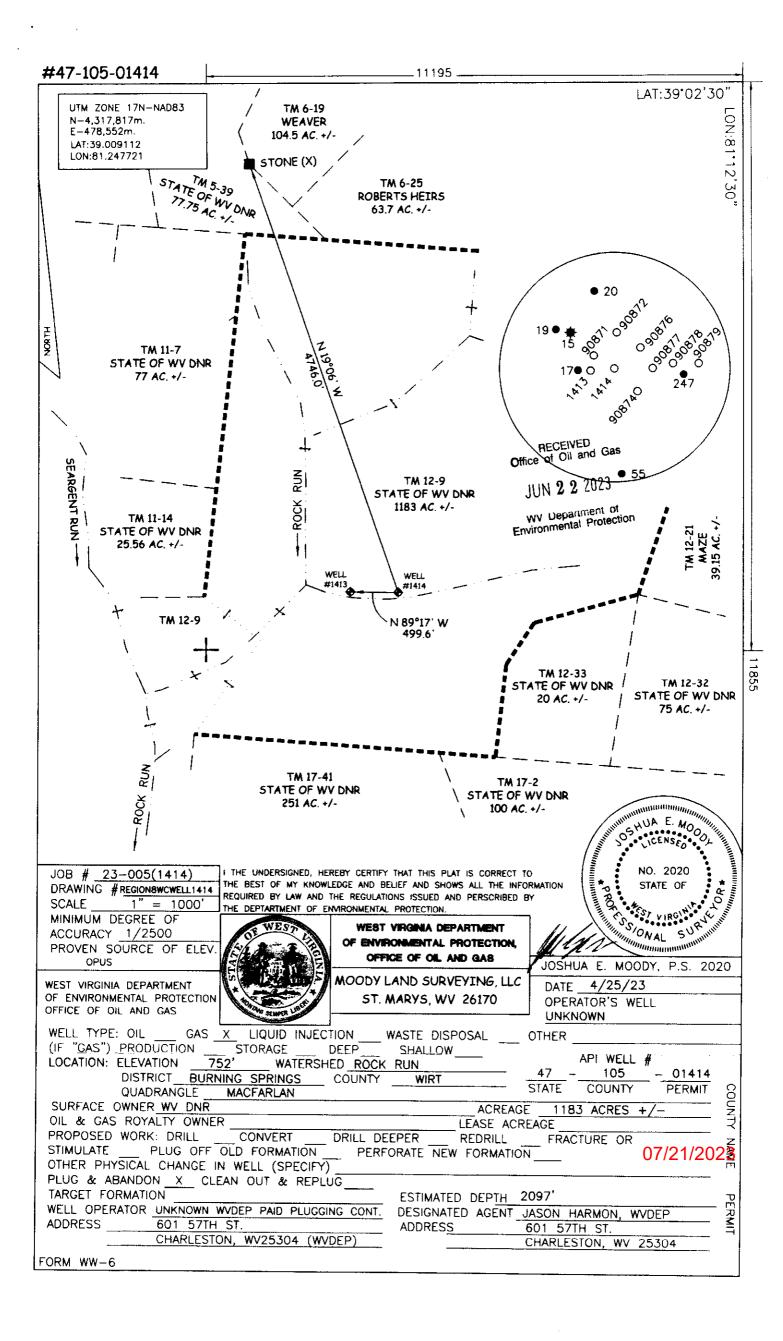
API	Numb	cr	47	1	105	_ 0	141	4		
Ope	rator's	W	ell	No	Unknown	DE	P	Paid	Plugging	Contract

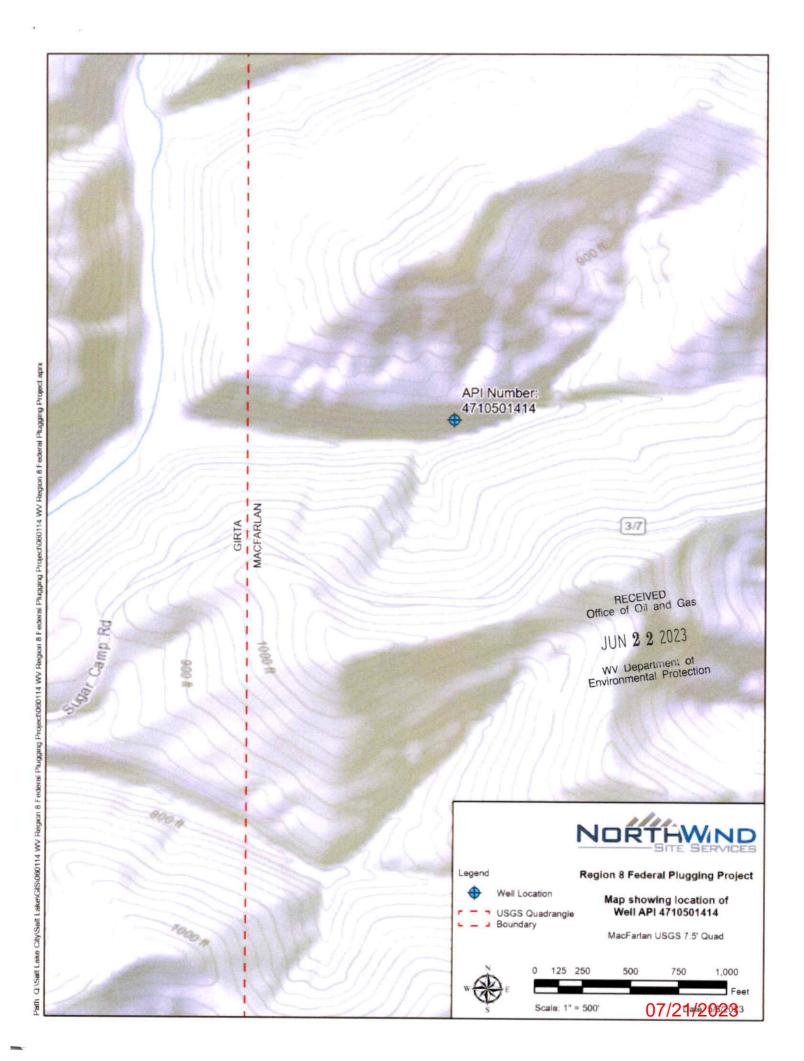
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_Unknown DEP Paid Plugging Contract	OP Code
Watershed (HUC 10) 050302031207	Ouadrangle McFarlan
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:	
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Wa	
Underground Injection (UIC Reuse (at API Number Off Site Disposal (Supply fo Other (Explain	
Any well effluent must be contained in tar	nks and disposed of off-site at an approved facility.
Will closed loop systembe used? If so, describe: N/A	RECEIVED
Drilling medium anticipated for this well (vertical and h	
-If oil based, what type? Synthetic, petroleum,	etc
Additives to be used in drilling medium? N/A	WV Department of
offil cuttings disposal method? Leave in pit, landfill, re	moved offsite, etc. N/A Environmental Protection
-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 Oi	I and Gas of any load of drill cuttings or associated waste rejected at any ovided within 24 hours of rejection and the permittee shall also disclose
provisions of the permit are enforceable by law. Violatio or regulation can lead to enforcement action. I certify under penalty of law that I have permapplication form and all attachments thereto and that, bas the information. I believe that the information is true, a submitting false information, including the possibility of Company Official Signature Company Official Title President	
Subscribed and swom before me this 3rd day My commission expires 08 01 2021	Notary Public STATE OF TENNESS OF O7/21/2023

Proposed Revegetation Trea	atment: Acres Disturbed 0.31	Preveg etation pH	
Lime 2-3	Tons/acre or to correct to p	Н	
Fertilizer type 10-	-10-20 or similar	•	
Fertilizer amount	300 Temp -500 Permanent	lbs/acre	
Mulch_Hay/Straw	v 2 to 3Ton	s/acre	
	Se	eed Mixtures	
Т	emporary	Permanent	
Seed Type Sudangrass	lbs/acre 40-60	Seed Type Crownvetch/Tall Fescue	lbs/acre 10-15/30
Maps(s) of road, location, p provided). If water from the (L, W), and area in acres, or	e pit will be land applied, provide f the land application area.	ication (unless engineered plans including t water volume, include dimensions (L, W, E	this info have been O) of the pit, and dime RECEIVED ce of Oil and Gas
provided). If water from the (L, W), and area in acres, or	e pit will be land applied, provide	water volume, include dimensions (L, W, E	D) of the pit, and dime RECEIVED
Maps(s) of road, location, p provided). If water from the (L, W), and area in acres, of Photocopied section of invo	e pit will be land applied, provide of the land application area. Olved 7.5' topographic sheet.	water volume, include dimensions (L, W, E Office J	O) of the pit, and dime RECEIVED ce of Oil and Gas UN 2 2 2023
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Maps(s) of road, location, pprovided). If water from the (L, W), and area in acres, of Photocopied section of involved by:	e pit will be land applied, provide of the land application area. Solved 7.5' topographic sheet.	water volume, include dimensions (L, W, E Office W Envir	O) of the pit, and dime RECEIVED ce of Oil and Gas UN 2 2 2023





API No.	47-105-01414	
Farm Name	Unknown	
Well No.		

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.

RECEIVED
Office of Oil and Gas

JUN 2 2 2023

WAIVED

	WAIVER	WV Department of Environmental Protection
The undersigned coal operatorhas examined this proposed plugging work of done at this location, provided, the well of Virginia Code and the governing regulations	order. The undersigned has a perator has complied with a	
Date:		
	Ву:	
	τ.	

SURFACE OWNER WAIVER

Operator's Well Number

Unknown DEP Paid Plugging Contract

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

RECEIVED Office of Oil and Gas

JUN 2 2 2023

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

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

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 objection to a permit being issued FOR EXECUTION BY A NATUR. ETC.	on those materials.	e planned wor		se materials, and I have no
	Date	Name		
Signature		By		
		Its		07/24/2 Rate
				0112112023
			Signature	Date



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

plugging permit issued 4710501413 01414

1 message

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

Mon, Jul 17, 2023 at 10:18 AM

To: Henry J Harmon henry J Harmon <a href="mailto:henry.j.harmo

To whom it may concern, plugging permits 4710501413 01414 have been issued.

James Kennedy

WVDEP OOG

2 attachments



4710501414.pdf 1795K



4710501413.pdf 1614K