

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, May 24, 2023 WELL WORK PLUGGING PERMIT Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT 601 57TH STREET

CHARLESTON, WV 25304

Re:

Permit approval for 2-S-1 47-041-00959-00-00

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)

Operator's Well Number: 2-S-1

Farm Name: WEST, JAMES L.

U.S. WELL NUMBER: 47-041-00959-00-00

Vertical Plugging

Date Issued: May 24, 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. 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	4/6/	,	20 23	
2)Opera	tor's			
Well	No. Unknown	DEP Paid Plugging	Contract	
3)API W	ell No.	47-041	-00959	_

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

	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
4)	Well Type: Oil $\frac{x}{x}$ / Gas $\frac{x}{x}$ / Liquid	d injection/ Waste disposal/
	(If "Gas, Production or Und	derground storage) Deep/ Shallow_X
5)	Location: Elevation 1220	Watershed 050200020102
	District Skin Creek	County Lewis Quadrangle Roanoke
6)	Well Operator Unknown DEP Paid Plugging Contract	7) Designated Agent Jason Harmon
0)	Address 601 57th Street	Address 601 57th Street
	Charleston, WV 25304	Charleston, WV 25304
8)	Oil and Gas Inspector to be notified ${\tt Name} \frac{\text{Kenneth Greynolds}}{\tt Name}$	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
		MAY 05 2023 WV Department of Environmental Protection
	ification must be given to the district oi	l and gas inspector 24 hours before permitted
Wor!	Kenneth Grey corder approved by inspector	DogBilly signed by Kennelth Greyrolds BY CN = Kenneth Greyrolds email = Kennelth L Greyrolds Globy on C = A D = WDGEP OU = ON and Gas Date: 2023 04-19 08 31:34-04 00' Date: 2023 04-19 08 31:34-04 00' Date: 2023 04-19 08 31:34-04 00'

API: 47-041-00959 **Permit #:** Lew-959

County/State: Lewis, WV

TD: 2134'

Elevation: 1220'

Casing: 10" @ 346' (pulled)

8 ½" @ 993' (pulled) 6 5/8" @ 1689' (pulled) 4 ½" @ 2134' cemented

Coal: None reported

Water: Freshwater @ 186' Saltwater @ 795'

Gas: 1739', 1952', 2098'

Perforations: 2098'

Oil: None reported

RECEIVED
Office of Oil and Gas

MAY 05 2023

WV Department of Environmental Protection

Notes:

- *6% gel must be used between all Class A Cement/Class L Cement Plugs.
- *100' cement plugs 50' in and 50' out must be set at all casing cuts.

Plugging Procedure:

- 1) Notify DEP State Inspector Kenneth Greynolds 304-206-6613, a minimum 48 hrs prior to commencing plugging operations.
- 2) MIRU. Check SIP, blow down, and check TD.
- 3) TIH w/ tubing to 2098'. Pump 30 bbls of 6% gel water. Set a 100' Class A/Class L Cement Plug from 2098' to 1998' (gas show/perforation 2098'). TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed.
- 4) TOOH w/ tubing. Free-point 4 ½" casing. If free-point is above 1739', TIH w/ tubing to 1952'. Set 313' Class A/Class L Cement Plug from 1952' to 1639' (gas shows 1952' and 1739'). TOOH w/ tubing. WOC. Tag TOC, top off as needed.
- 5) Cut/pull 4 ½" casing at free-point.
- 6) TIH w/ tubing to 50' inside casing cut. Pump 100' Class A/Class L Cement plug, 50' inside and 50' outside casing cut. TOOH w/ 30 jnts of tubing. WOC. Tag TOC, top off as needed.
- 7) TIH w/ tubing to 1270'. Set 100' Class A/Class L Cement Plug from 1270' to 1170' (Elevation). TOOH w/ 20 jnts of tubing. WOC. Tag TOC, top off as needed.
- 8) TIH w/ tubing to 845'. Set 100' Class A/Class L Cement Plug from 845' to 745' (Salt Water). TOOH w/ tubing. Tag TOC, top off as needed.
- 9) TIH w/ tubing to 250'. Circulate Class A/Class L Cement from 250' to surface. TOOH w/ tubing.
- 10) Top off with Class A/Class L Cement as needed, install monument, and reclaim to WV DEP Specs.

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



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 SECTION 14.1. AND LEGISLATIVE RULE 35CSR8 SECTION 20.1, RELATING TO THE CEMENTING OF OIL AND GAS WELLS))))	ORDER NO.	2022-13
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REPORT OF THE OFFICE

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

FINDINGS OF FACT

- On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
- Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
- 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

James Martin, Chief Office of Oil and Gas



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Quadrangle Crawford N. W

Permit No Leve	959		WELL	RECORD	1	Oil or G	as Well Gas
	Keeba Asi	sociates :	•		T T		(KIND)
Company		rleston, W.	Va.	Casing and Tubing	Used in D-illing	Left in Well	Packers
Location (waters	614 -	Creek	ACT CA	Size			
Well No 1			Elev_ 1220	16			Kind of Packer
District Skin	Creek	_County Lew		13			
The surface of tract is owned in fee by James West · ·				10	3461	Pulled	Size of
	Address Weston, W.Va.				9231	Pulled	
Mineral rights a	re owned by	James West		656	1689 i	rulled	Depth set
		Address West	on, W. Va.	5 3/16		<u> </u> _	
Drilling commen	red Marci	n. 26,_1962		<u> 3 4½ </u>	2134	Left 2134	Perf. top 2098
Drilling complete	dBay	1, 1962		2	 		Perf. bottom
Date Shot	From	пТо	·	Liners Used	 		Perf. top
With		<u> </u>			1		Perf. bottom
Open Flow 40	/10ths Water i	n	Inch		<u> </u>		
	/10ths Merc. i	in	lnch	CASING CEX	ENTED	SIZE 42	No. Ft 213h Date
Volume7	OH		Cu. Ft.				
Rock Pressure	725	lbs	<u>hrs.</u> bbls., 1st 24 hrs.			400	FEETINCHES
Oil	None		_bbls., 1st 24 hrs.				
WELL ACIDIZE	ED			TER			FEETINCHES
							FEETINCHES
WELL FRACTI	REDWi	th 600 barre	l water and	18000 lb. sa	ind casing	set throug	h all pay
zones and	perforater	ct 2098	10th Y. in 2	7 71.6 25			
RESULT AFTE	R TREATMEN	т12/	10th W. 1n 2	" - UO M			
ROCK PRESSU	RE AFTER TR		725 in 2			Fee	
Fresh Water_1	.00	Feet		Salt Water_		Fee	
Formation	Color	llard or Soft	. Тор	Bottom	Oil, Gas or Water	Depth	Remarks
	T		Тор	10		Depth	Remarks
Formation Top Soil Clay	Color Red Yellow	Soft Soft	0 10	5)† 10		Depth	Remarks
Formation Top Soil Clay Sl & Shell	Color Red Yellow Grey	Soft Soft Soft	0 10 2h	10 24 184	or Water	-	
Formation Top Soil Clay S1 & Shell Sand	Color Red Yellow Grey White	Soft Soft Soft Hard	0 10 24 184	10 24 184 222	or Water	-	2 bailers per
Formation Top Soil Clay S1 & Shell	Color Red Yellow Grey White Grey	Soft Soft Soft	0 10 24 184 222	10 24 184 222 253	or Water	-	
Formation Top Soil Clay S1 & Shell Sand Slate	Color Red Yellow Grey White	Soft Soft Soft Hard Soft	0 10 24 184 222 253 275	10 24- 184 222 253 275 321	or Water	-	2 bailers per
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock	Color Red Yellow Grey White Grey White Groy Red	Soft Soft Soft Hard Soft Hard Soft Soft	0 10 24 184 222 253 275 321	10 21 ₁ 181 ₄ 222 253 275 321 343	or Water	-	2 bailers per
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slate	Color Red Yellow Grey White Grey White Groy Red Grey	Soft Soft Soft Hard Soft Soft Soft Soft Soft Soft	0 10 24 184 222 253 275 321 343	10 24 184 222 253 275 321 343 460	or Water	-	2 bailers per
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slate Gr. Limo	Color Red Yellow Grey White Grey White Groy Red Grey White Har	Soft Soft Soft Hard Soft Soft Soft Soft Soft Soft	0 10 214 1814 222 253 275 321 313 1490	10 24 184 222 253 275 321 343 460 568	or Water	-	2 bailers per
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slite Gr. Limo S1 & Shell	Red Yellow Grey White Grey White Groy Red Grey White Hard	Soft Soft Soft Hard Soft Soft Soft Soft Soft Soft	0 10 214 1814 222 253 275 321 313 1490 568	10 21, 181, 222 253 275 321 343 160 568 603	or Water	_ 186	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slate Gr. Limo	Color Red Yellow Grey White Grey White Groy Red Grey White Har	Soft Soft Soft Hard Soft Soft Soft Soft Soft Soft	0 10 214 1814 222 253 275 321 313 1490	10 24 184 222 253 275 321 343 460 568	or Water	- 186 795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slate Or. Limo S1 & Shell Sand	Red Yellow Grey White Grey White Groy Red Grey White Har Grey White	Soft Soft Soft Hard Soft Soft Soft Soft Soft Soft Hard Hard Hard	0 10 24 184 222 253 275 321 343 490 568 603 853 948	10 21 ₁ - 181 ₄ 222 253 275 321 343 160 568 603 853	or Water	- 186 795	2 bailers per hr.
Formation Top Soil Clay Si & Shell Sand Slate Sand Slate Red Rock Slate Gr. Limo Si & Shell Sand Si & Shell Sand Si & Shell Sand Si & Shell	Red Yellow Grey White Grey White Groy Red Grey White Har Grey White Grey White Grey White Grey White Grey	Soft Soft Soft Hard Soft Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft	0 10 24 184 222 253 275 321 343 490 568 603 853 948	10 24 184 222 253 275 321 343 460 568 603 853 948 973	or Water	- 186 795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slate Gr. Limo S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand	Red Yellow Grey White Grey White Groy Red Grey White Har Grey White Grey White Grey White	Soft Soft Soft Hard Soft Soft Soft Soft Hard Soft Hard Soft Hard Hard Soft	0 10 24 184 222 253 275 343 490 568 603 853 948 973	10 24 184 222 253 275 321 343 460 568 603 853 948 973 1270	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay Sl & Shell Sand Slate Send Slate Red Rock Slite Gr. Limo Sl & Shell Sand Sl & Shell	Red Yellow Grey White Grey White Grey White Hari Grey White Grey White Grey White Grey White Grey White Grey White Grey	Soft Soft Soft Hard Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft	0 10 24 184 222 253 275 343 490 568 603 853 948 973 1270 1372	10 21 ₁ 181 ₄ 222 253 275 321 343 460 568 603 853 948 973 1270 1372 1132	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Send Slate Red Rock Slite Gr. Limo S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand S1 & Red Rock	Red Yellow Grey White Grey White Groy Red Grey White Har Grey White Grey White Groy White Groy Red Grey White Grey White Grey White	Soft Soft Soft Hard Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft	0 10 24 184 222 253 275 343 490 568 603 853 948 973 1270 1372 1432	10 21, 181, 222 253 275 321 343 460 568 603 853 918 973 1270 1372 11,32	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Send Slate Red Rock Slite Gr. Limo S1 & Shell Sand S1 & Shell	Red Yellow Grey White Grey White Grey White Hari Grey White Grey White Grey White Grey White Grey White Grey White Grey	Soft Soft Soft Hard Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft	0 10 24 184 222 253 275 343 490 568 603 853 948 973 1270 1372	10 21 ₁ - 181 ₄ 222 253 275 343 460 568 603 853 918 973 1270 1372 1132 1147	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Send Rock Slate Cr. Limo S1 & Shell Sand S1 & Shell	Red Yellow Grey White Grey White Grey White Har Grey White Grey	Soft Soft Soft Hard Soft Soft Soft Hard Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard Soft Soft	0 10 24 184 222 253 275 321 343 490 568 603 853 948 973 1270 1372 1432 1432 1432	10 21 ₁ 181 ₄ 222 253 275 321 343 400 568 603 853 918 973 1270 1372 1147 11489 1573 1680	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Sand Slate Red Rock Slate Gr. Limo S1 & Shell Sand S1 & Shell Line	Red Yellow Grey White	Soft Soft Soft Hard Soft Soft Soft Soft Hard Soft	0 10 24 184 222 253 275 321 343 490 568 603 853 948 973 1270 1372 1432 1432 1432 1439 1273	10 24: 184 222 253 275 321 343 460 568 603 853 948 973 1270 1372 1432 1447 1489 1573 1680 1720	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Send Slate Red Rock Slate Gr. Limo S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand S1 & Shell Li Lime B. Lime	Red Yellow Grey White	Soft Soft Soft Hard Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard Hard Hard	0 10 24 184 222 253 275 321 343 490 568 603 853 948 973 1270 1372 1432 1432 1432 1432	10 24: 184 222 253 275 321 343 460 568 603 853 948 973 1270 1372 1432 1447 1489 1573 1680 1720 1790	Frosh Water	795	2 bailers per hr.
Formation Top Soil Clay S1 & Shell Sand Slate Send Rock Slate Gr. Limo S1 & Shell Sand S1 & Shell Sand S1 & Shell Sand S1 & Shell Lime Red Rock Lime B. Lime Big Injun	Red Yellow Grey White Grey White Grey White Har Grey White White White White White	Soft Soft Soft Hard Soft Soft Soft Soft Hard Hard Hard	0 10 24 184 222 253 275 275 221 343 490 568 603 853 948 973 1270 1372 1432 11437 1489 1573 1680 1720 1790	10 21, 181, 222 253 275 321 343 460 568 603 853 948 973 1270 1372 11,132 11,17 11,89 1573 1680 1720 1790 1858	Frosh Water	795 795 SEP1	2 bailers per hr.
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APPROVED	Rreb A	Sofaloces	Owner
Rv_	4	of the	Pertoce
-,-		(Title)	

	-
11	Date:
1)	Date.

4/6/2023

2) Operator's Well Number

Unknown DEP Paid Plugging Contract

3) API Well No.: 47 -

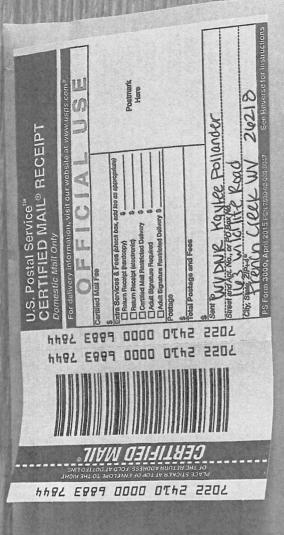
00959

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

(a) Ad) Name ddress	er(s) to be served: United States of America C/O WV DNR, ATTN Ka 163 Wildlife Road, Frence	ylee Pollander			
, ,) Name ddress			(b) Coal Owne Name Address	r(s) with Declarat	tion
, ,) Name ddress			Name Address		
Ad	epector Idress lephone	Kenneth Greynolds 613 Broad Run Road Jane Lew, WV 26378 304-206-6613		(c) Coal Lesse Name Address		n
	(1) The any well it (2) The pl The reason y However, yo Take notice accompanyir Protection, we happlicat	oplication to Plug and As and the plugging work at (surveyor's map) show ou received these document are not required to take anothat under Chapter 22-6 of the documents for a permit to the respect to the well at the	bandon a Well on Formation order; and wing the well location at its is that you have right y action at all. The West Virginia Code, to plug and abandon a well location described on mailed by registered of	orm WW-4B, which set a on Form WW-6. Its regarding the application the undersigned well opeut the undersigned well opeut with the Chief of the Othe attached Application are certified mail or deliver	s out the parties invo n which are summarized rator proposes to file or h ffice of Oil and Gas, Wes	e following documents: olved in the work and describes the din the instructions on the reverses side. has filed this Notice and Application and st Virginia Department of Environmental hed Form WW-6. Copies of this Notice, on(s) named above (or by publication in
CO WITTE		OFFICIAL SEAL NOTARY PUBLIC ATE OF WEST VIRGINIA	Well Operator By: Its:			Office of Oil and Gas MAY 0 5 2023
	601 57th S	Zachary S Johnson 1d Environmental Protection, Office of Oil and Gas. thet SE, Charleston, WV 25304 asion Expires February 15, 2028	Address Telephone			WV Department of Environmental Protection
	cribed and s	worn before me this Expires	all day	y of May 2 5/28	023 Notary Pub	lic

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. 05/26/2023



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, or on the front if space permits. W DVR /ATTN: Raylee 163 Wild life Rd 1. Article Addressed to:

SENDER: COMPLETE THIS SECTION

9590 9402 7494 2055 5180 13

2. Article Number (Transfer from service label)

7022 2410 0000 6883 7844

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
- ☐ Agent
- ☐ Addressee C. Date of Delivery
- B. Received by (Printed Name)
- Brown

- ☐ Yes
- D. Is delivery address different from item 1? If YES, enter delivery address below:

- 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
 □ Signature Confirmation™
 □ Stanture Confirmation
- ☐ Signature Confirmation Restricted Delivery ☐ Collect on Delivery
 ☐ Collect on Delivery Restricted Delivery
 ☐ Insured Mail
 ☐ ured Mail Restricted Delivery
 ☐ \$500)

Domestic Return Receipt

API Number	47 -	041	_00959	
Operator's Wo	ell No	Unknown	DEP Paid	d Plugging Contract

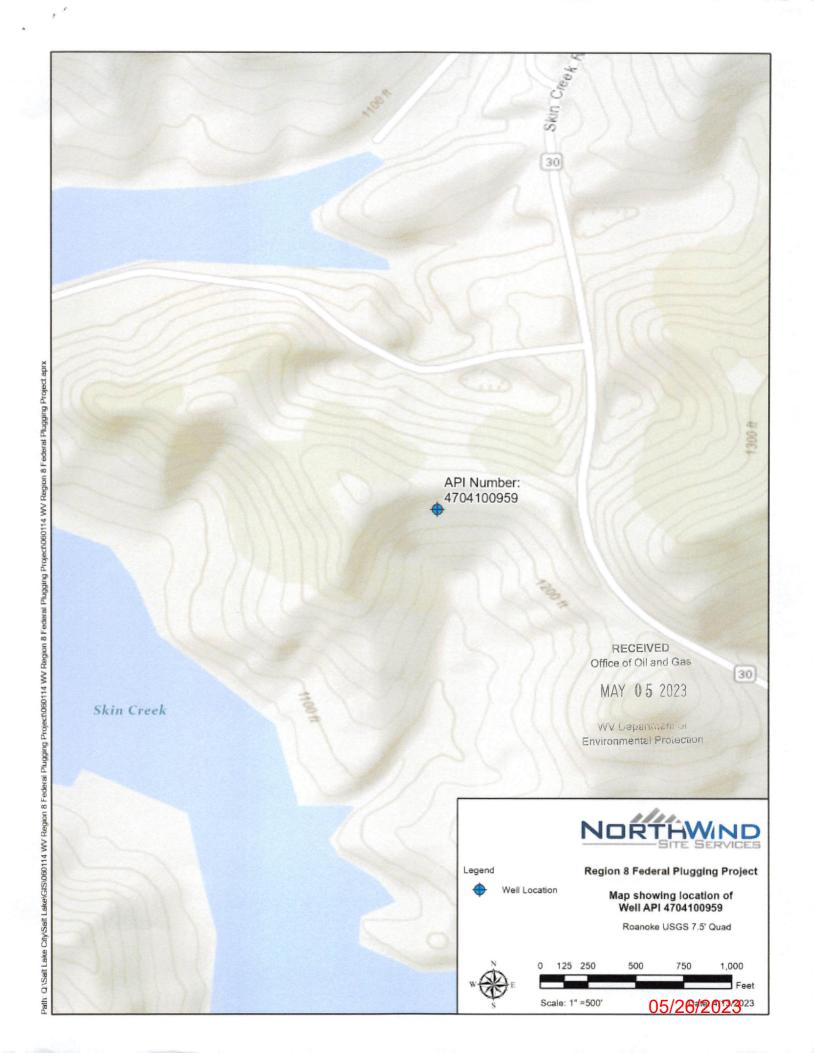
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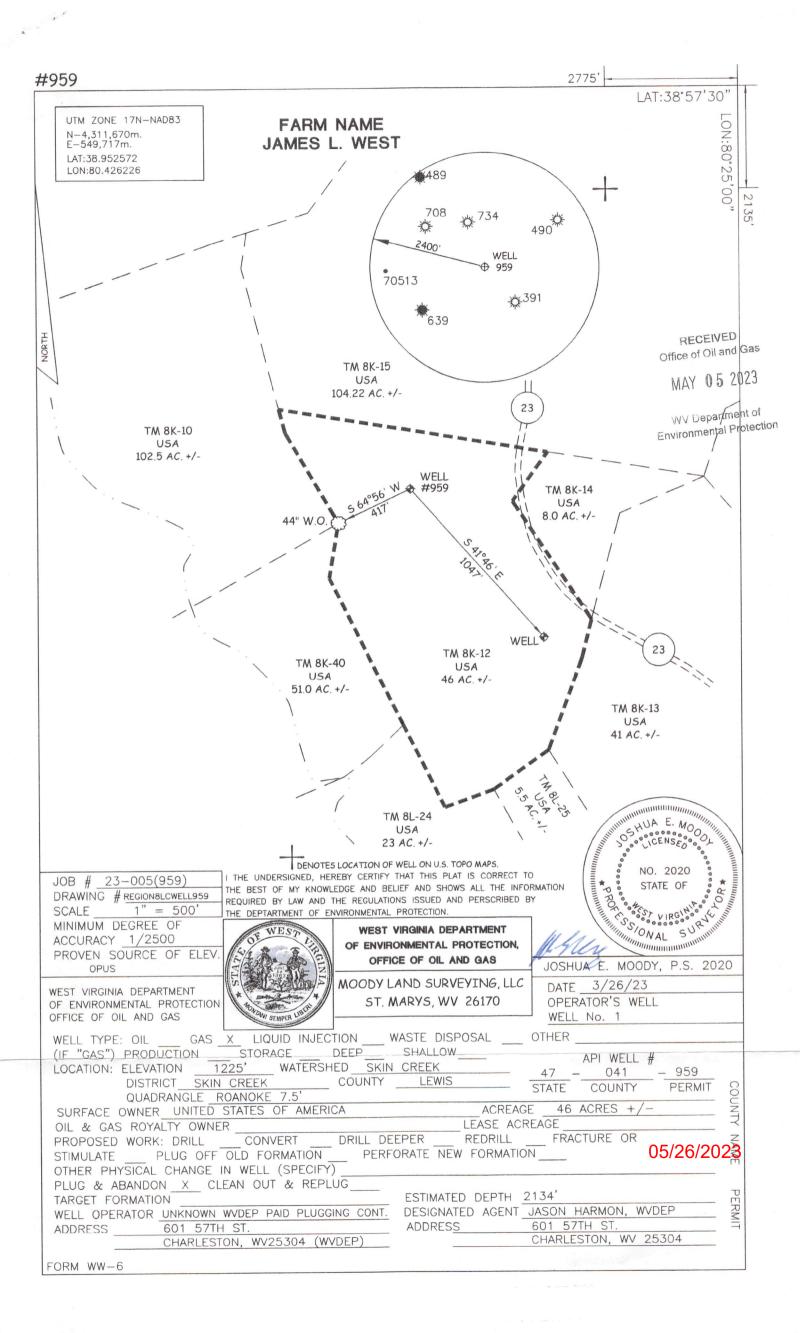
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknown DEP Paid Plugging Contract OP Code
Watershed (HUC 10) 050200020102 Quadrangle Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
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.?
Will a synthetic liner be used in the pit? Yes No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:
Land Application (if selected provide a completed form WW-9-GPP) Underground Injection (UIC Permit Number) Reuse (at API Number) Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain)
**Any well effluent must be contained in tanks and disposed of off-site at an approved facility.
Will closed loop systembe used? If so, describe: N/A
Orilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.
-If oil based, what type? Synthetic, petroleum, etc. RECEIVED Office of Oil and Gas
Additions to be used in drilling modium? N/A
Orill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) WV Department of
-Landfill or offsite name/permit number? Environmental Protection
Vest 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 in April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the rovisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law 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 pplication form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for ubmitting false information, including the possibility of fine or imprisonment.
Company Official (Typed Name) Kirnberley Koarney, PMP
Company Official Title President
ubscribed and sworn before me this 3rd day of MOU , 2023 Notary Public Tennesse Notary Public To provide the president of

Proposed Revegetation Tre	eatment: Acres Disturbed 0.51	Preveg etation pl	T
Lime 3	Tons/acre or to correct	to pH	
Fertilizer type	mporary Cover & CS Grass & Legume Perma	nent 	
Fertilizer amount	300 Temp -500 Permanent	lbs/acre	
Mulch_2 to 3		Tons/acre	
		Seed Mixtures	
	Temporary	Permai	ient
Seed Type	lbs/acre	Seed Type	lbs/acre
Sudangrass	40-60	Crownvetch/Tall Fesc	ue 10-15/30
Winter Wheat	180-270	Tall Fescue	50
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, (ne pit will be land applied, provof the land application area.	application (unless engineered plans include ide water volume, include dimensions (L,	
Maps(s) of road, location, provided). If water from th (L, W), and area in acres, or Photocopied section of inv	ne pit will be land applied, provof the land application area. Volved 7.5' topographic sheet.	ide water volume, include dimensions (L,	W, D) of the pit, and dimen
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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

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MAY 05 2023

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.

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 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 has objection to a permit being issued FOR EXECUTION BY A NATULETC.	d on those materials.	e planned wor		ese materials, and I have no
	Date	Name		
Signature		$\mathbf{B}\mathbf{y}$		
		Its		Date
			Signature	05/26/2023 Date

Signature

WW-4B

API No.	47-04-100959
Farm Name	James L. West
Well No.	1

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9

you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

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Office of Oil and Gas
MAY 0 5 2023

		MAI V 9 2020
	WAIVER	WV Department of Environmental Protection
has examined this proposed plugging work	order. The undersigned operator has complied w	/ of the coal under this well location has no objection to the work proposed to be ith all applicable requirements of the West
Date:		
	By:	
	.	