

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, December 5, 2022 WELL WORK PLUGGING PERMIT Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re:

Permit approval for 7846 47-097-00124-00-00

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: ALLMAN, EVA C., ETAI

U.S. WELL NUMBER: 47-097-00124-00-00

Vertical Plugging

Date Issued: 12/5/2022

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.

WW-4B Rev. 2/01 1) Date September 28 7 0 20 21 2 4
2) Operator's Well No. Well 2
3) API Well No. 47-097 -00124

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4)	Well Type: Oil/ Gas X / Liquid	
	(If "Gas, Production X or Unc	derground storage) Deep/ ShallowX
5)	Location: Elevation 1479.49 feet	Watershed Fink Run of Buckhannon River
	District Buckhannon	County Upshur Quadrangle Weston SE
6)	Well Operator Address Diversified Production LLC 414 Summers Street Charleston, WV 25301	7) Designated Agent Address Charles Shafer 414 Summers Street Charleston, WV 25301
8)	Oil and Gas Inspector to be notified	
	NameSam Ward Address P.O. Box 2327	Name Next LVL Energy Address 1951 Pleasantview Ridge Road
	Buckhannon, WV 26201	Ravenswood, WV 26164
	See Atta	RECEIVE
		Office of Oil and Gas
		OCT 1 3 2022
		WV Department of Environmental Protection
	*	
	fication must be given to the district of can commence.	ll and gas inspector 24 hours before permitted
Work	order approved by inspector	Dudante 10/3/2027

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OCT 1 3 2022

WV Department of

Environmental Protection

PLUGGING PROGNOSIS

West Virginia, Upshur County API # 47-097-00124

Casing Schedule

10" csg @ 279' 8 1/4" csg @ 871' 6 5/8" csg @ 2407' TD @ 4488'

Completion

Shot @ 4451' to 4464 w/ 40 quarts

Fresh Water: 140', 163', 739', 852', 911'

Coal: 325', 752', 813' Oil Show: 2579', 3738'

Gas Show: 2038', 4238', 4453'- 4462'

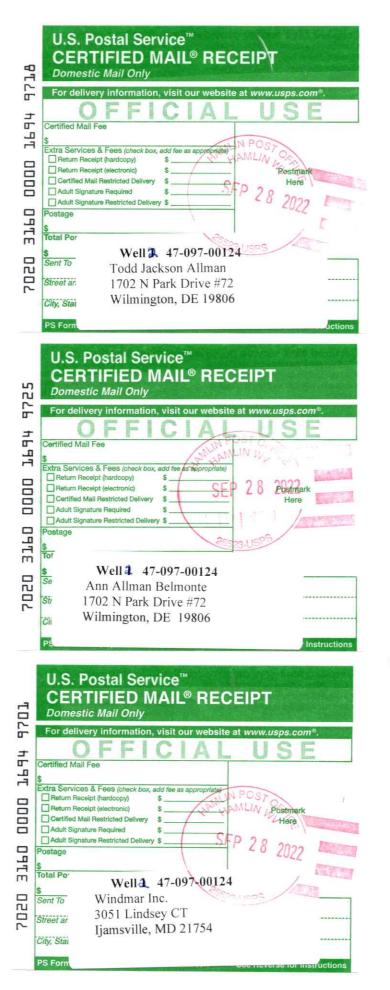
Elevation: 1484'

1. Notify inspector, Sam Ward @ 304-389-7583, 48 hrs. prior to commencing operations.

2. Tag TD w/ wireline.

- 3. TIH w/ tbg to 4464'. Kill well as needed with 6% bentonite gel. Pump 324' Class A/Class L Cement Plug from 4138' to 4462'. (Completion and gas Show) WCC+ tag plug 50W
- 4. TOOH w/ tbg to 4138'. Pump 6% bentonite gel from 3738' to 4138'
- 5. TOOH w/ tbg to 3738'. Pump 100' Class A/Class L Cement plug from 3638' to 3738' (Oil Show)
- 6. TOOH w/ tbg to 3638'. Pump 6% bentonite gel from 2579' to 3638'
- TOOH w/ tbg to 2579'. Pump 222' Class A/Class L Cement plug from 2357' to 2579' (Oil Show & 6 5/8" csg seat)
- 8. TOOH w/ tbg to 2357'. Pump 6% bentonite gel from 2038' to 2357'
- 9. TOOH w/ tbg. Free point, cut, and TOOH w/ 6 5/8" csg. 100' Class A/Class L Cement plug must be set 50' in/out of csg cut. Any plugs below must be perforated if csg remains at plug depth.
- 10. TIH w/ tbg to 2357'. Pump 100' Class A/Class L Cement plug from 2257' to 2357' (Gas Show)
- 11. TOOH w/ tbg to 2257'. Pump 6% bentonite gel from 1484' to 2257'
- 12. TOOH w/tbg to 1484'. Pump 100' Class A/Class L Cement plug from 1384' to 1484' (Elevation)
- 13. TOOH w/ tbg to 1384'. Pump 6% bentonite gel from 961' to 1384'
- 14. TOOH w/ tbg to 961. Pump 272' Class A/Class L cement plug from 689' to 961' (8 1/4" csg seat, FW, and coal)
- 15. TOOH w/ tbg to 689'. Pump 6% bentonite gel from 375' to 689'
- 16. TOOH w/ tbg. Free point, cut, and TOOH w/ 8 1/4" csg. 100' Class A/Class L Cement plug must be set 50' in/out of csg cut. Any plugs below must be perforated if csg remains at plug depth.
- 17. TIH w/ tbg to 375'. Pump 100' Class A/Class L Cement Plug from 229' to 375' (10" csg seat, coal)
- 18. TOOH w/ tbg. Free point, cut, and TOOH w/ 10" csg. 100' Class A/Class L Cement plug must be set 50' in/out of csg cut. Any plugs below must be perforated if csg remains at plug depth.
- 19. TIH w/ tbg to 229'. Pump 229' Class A/Class L Cement Plug surface to 229' (Coal/FW)
- 20. Erect monument with API#, date plugged, & company name.
- 21. Reclaim location and road to WV-DEP specifications.

500 1015/2021/2/09/2022



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Office of Oil and Gas

SEP 2 9 2022

WV Department of Environmental Protection WW-4A Revised 6-07

1)	Date:	September 28, 2022				
2)	Operator'	Operator's Well Number				
3)	API Well l	No.: 47 -	097	-	00124	

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

		er(s) to be served:	5) (a) Coal Operator		
	(a) Name	Windmar Inc	Name	None	
	Address	3051 Lindsey CT	Address		
		ljamsville, MD 21754			
	(b) Name		(b) Coal Ow	ner(s) with Declaration	-
	Address		Name	See Attached List	RECEIVED
			Address		Office of Oil and G
					OCT TO S
	(c) Name		Name		001 1 3 2022
	Address		Address		146
					Environment of
6) I	nspector	Sam Ward	(c) Coal Les	see with Declaration	Environmental Protection
	Address	P.O. Box 2327	Name	No Declaration	131720
		Buckhannon, WV 26201	Address		
,	Telephone	304-389-7583			
					74
TO	THE PEI	RSONS NAMED AB	OVE: You should have rece	ived this Form and the follo	owing documents:
					943 1979 44 PT
	(1) The a	pplication to Plug and Abandon	n a Well on Form WW-4B, which	sets out the parties involved i	n the work and describes the

The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

P	***********	*******************		
	WEST L	OFFICIAL SEAL NOTARY PUBLIC	Well Operator	Diversified Production, LLC
i	E . A. & E	STATE OF WEST VIRGINIA	By:	Austin Suller Justi Hutte
	[图图图]	Phyllis A. Copley	Its:	Plugging Manager
8		144 Willard Circle Hurricane, WV 25528	Address	414 Summers Street
E	My Court No.	Commission Expires September 16, 2023		Charleston, WV 25301
E			Tolonhono	304-419-2562

However, you are not required to take any action at all.

Subscribed and sworn before	me this 28 th day of	September	otary Public	•
My Commission Expires	Splinker	16,2023		

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.

4709700124

Well 2

47-097-00124

Coal Owners

Windmar Inc. 3051 Lindsey CT Ijamsville, MD 21754

Todd Jackson Allman 1702 N Park Drive #72 Wilmington, DE 19806

Ann Allman Belmonte 1702 N Park Drive #72 Wilmington, DE 19806

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OCT 1 3 2022

WV Department of Environmental Protection

WW-9 (5/16)

API No. 47 097 00 Operator's Well No. Well 2

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

OP Code 494524121 Operator Name Diversified Production LLC Watershed (HUC 10) Fink Run of Buckhannon River Quadrangle Weston SE Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Will a pit be used? Yes ✓ If so, please describe anticipated pit waste: Produced fluid and cement returns Will a synthetic liner be used in the pit? Yes Proposed Disposal Method For Treated Pit Wastes: Land Application (if selected provide a completed form WW-9-GPP) Underground Injection (UIC Permit Number 2D08300792002 Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain RECEIVED Will closed loop systembe used? If so, describe: Office of Oil and Gas Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _ OCT 13 2022 -If oil based, what type? Synthetic, petroleum, etc.___ Additives to be used in drilling medium? WV Department of Environmental Protection Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc._ -If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)_ -Landfill or offsite name/permit number? Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed. I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for o btaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. Company Official Signature OFFICIAL SEAL NOTARY PUBLIC Company Official (Typed Name) Austin Sutler STATE OF WEST VIRGINIA Phyllis A. Copley Plugging Manager Company Official Title Humicane, WV 25526 Subscribed and sworn before me this 20 00 Notary Public My commission expires

	tment: Acres Disturbed 1 +/-	Preveg etation pl	Η
	Tons/acre or to correct to		
Fertilizer type	0-20 or equivalent	_	
Fertilizer amount_		_lbs/acre	
Mulch_2	То	ns/acre	
	<u>s</u>	Seed Mixtures	
Te	emporary	Perma	anent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alside Clover	5
Annual Rye	15		
	D What		RECEIVED
		P	RECEIVED Office of Oil and Gas
			RECEIVED
			Office of Oil and Gas OCT 13 2022 WV Department of
Plan Approved by:			Office of Oil and Gas OCT 13 2022 WV Department of
			Office of Oil and Gas OCT 13 2022
			Office of Oil and Gas OCT 13 2022 WV Department of
			Office of Oil and Gas OCT 13 2022 WV Department of
			Office of Oil and Gas OCT 1 3 2022 WV Department of



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

WELL LO	CATION FURNI: GIS			
{API:} 4709700124	WELL NO.:	2		
FARM NAME: Eva C. Allm	an Et Al			
RESPONSIBLE PARTY NAME:	Diversified Producti	on LLC		
COUNTY: Upshur	DISTRICT: Bu	ckhannon		
QUADRANGLE: Weston SE	=			
SURFACE OWNER: Windma	ır Inc			
ROYALTY OWNER: Diversif				
UTM GPS NORTHING: 43179				
UTM GPS EASTING: 562162		_{ION:} 1479.49'		
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				
	me Differential	Office of Oil and Gas. OCT 13 2022		
Mapping Grade GPS X : Post		WV Do-		
	-Time Differential	Protection		
4. Letter size copy of the to I the undersigned, hereby certify this belief and shows all the information represcribed by the Office of Oil and G	equired by law and the regulation	knowledge and		
Digitally signed by Austin Sutler Date: 2022.04.11 15:22:26 -04'00'	Sr. Project Manager	4/11/2022		
Signature	Title	Date		

WEST VIRGINIA DEPARTMENT OF MINES OIL & GAS DIVISION WELLRECORD

```
Permit No. Up-124
                                                                Gas Woll
                                                                CASING & TUBING
Company
                      Pitts. & W.Va. Gas Co.
Address
                      Clarksburg, W.Va.
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                                                                       279
                                                                               279
                       Eva C.Allman et al Acros 280
                                                               8
Farm
                                                                        871
                                                                               871
                       Weston S/E 4/3
Location
                                                              6 5/8
                                                                       2407
                                                                              2407
                                  Elev. 1484 Va.
Well No
                       7846
                       Buckhanaon Upshur County.
Eva C Allman et al, Lorentz, W.Va.
District
                                                               Coal at 328" -- 36"
                                                               7521-48"; 8131-48"
Surface
Mineral
                      Eva C.Allman et al.Lorents, W.Va.
Commenced
                       Jan 20,1942
Completed
                       April 9,1942
                                                                                           RECEIVED
                                                                                       Office of Oil and Gas
Shot
                       4-9-42
                                  Depth 4451 4464 -60 qts.
Flow
                       6/10ths W in 11"
                                                                                        OCT 1 3 2022
Volume
                       51,000 C.F.
Rock Pressure
                       682 lbs. 70 hrs.
Fresh Water
                       140-1 Bir.hr; 163 3 blr. hr.
                                                                                      WV Department of
                       739 3 blrs. hr.; 852 2 blrs.
                                                                                   Environmental Protection
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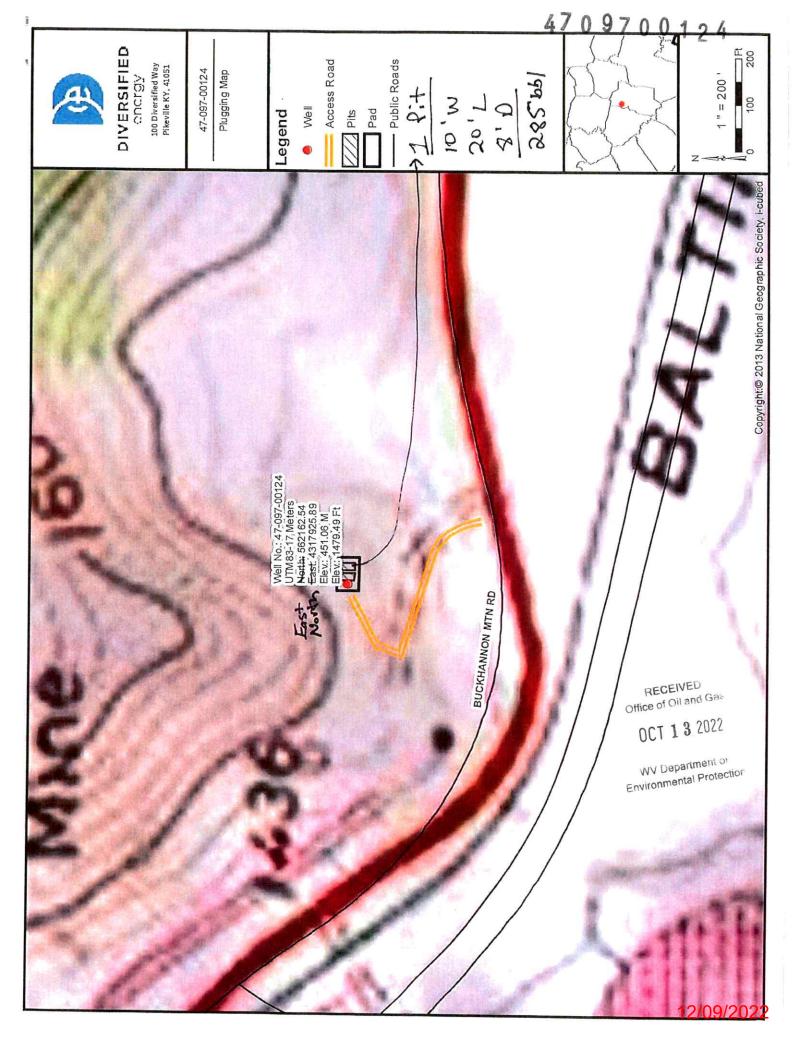
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Gr

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1722

1740





10/4/2022

James Martin Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 (304)926-0450

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

47-097-00124 Allman Eva 607846

Attached is the approved variance order for use of Class L cement.

Sincerely,

Austin Sutler Asset Retirement Manager



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)		
35CSR8 SECTION 20.1,)		
RELATING TO THE CEMENTING)		
OF OIL AND GAS WELLS)		

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.

Promoting a healthy environment.

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

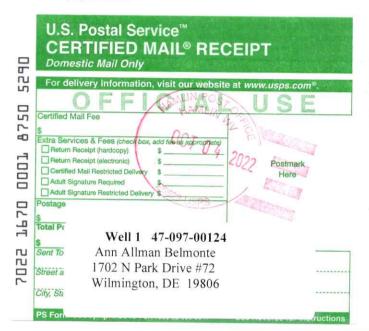


4709700124

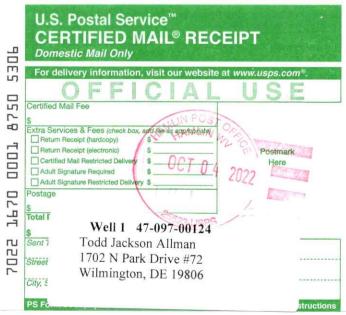
To Whom it May Concern,

Attached is an amendment that has been submitted to Chief of the office of oil and gas of the West Virginia Department of Environmental Protection. The subject well is listed within the letter to the Chief.

Thank You.









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

4709700124, 09700711, 09701123 plugging permits issued

1 message

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

Mon, Dec 5, 2022 at 2:19 PM

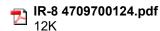
To: Austin Sutler <asutler@dgoc.com>, Phyllis Copley <pcopley@dgoc.com>, dwzickefoose@upshurcounty.org, Samuel D Ward <samuel.d.ward@wv.gov>

To whom it may concern, plugging permits have been issued for 4709700124, 09700711, 09701123.

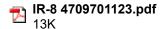
James Kennedy

WVDEP OOG

6 attachments











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