

### west virginia department of environmental protection

Office of Oil and Gas 601 57<sup>th</sup> Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Thursday, December 8, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for B-72 47-097-01709-00-00

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: HODGES, R. R.

U.S. WELL NUMBER: 47-097-01709-00-00

Vertical Plugging
Date Issued: 12/8/2022

# PERMIT CONDITIONS 47 0 97 0 17 0 9

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	Septe	ember	29	,	2022	
2)Oper	ator	's			-	_
Well	No.	B-72				
3) API	Well	No.	47 - 097		- 01709	

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

See Attached  RECEIVED Office of Oil and Gas  OCT 1 3 2022  WV Department of Environmental Protection  Notification must be given to the district oil and gas inspector 24 hours before permitted		APPLICATION FOR A PER	MIT TO PLUG AND ABANDON
(If "Gas, Production X or Underground storage) Deep/ ShallowX  5) Location: Elevation 1669.43 feet	4)	Well Type: Oil / Gas X / Liquid	d injection / Waste disposal /
District Warren  County Upshur Quadrangle Philippi  County Upshur Quadrangle Philippi  County Upshur Quadrangle Philippi  Tourist Warren  County Upshur Quadrangle Philippi  Tourist Quadrangl			
District Warren  County Upshur Quadrangle Philippi  County Upshur Quadrangle Philippi  County Upshur Quadrangle Philippi  Tourist Warren  County Upshur Quadrangle Philippi  Tourist Quadrangl	5)	Location: Elevation 1669.43 feet	Watershed Brush Run of Buckhannon River
Address 414 Summers Street Charleston, WV 25301  8) Oil and Gas Inspector to be notified Name Sam Ward Address P.O. Box 2327 Buckhannon, WV 26201  See Attached  See Attached  See Attached  See Attached  Received Office of Oil and Gas of Inspector of Invironmental Protection  Notification must be given to the district oil and gas inspector 24 hours before permitted			yra S
8) Oil and Gas Inspector to be notified Name Sam Ward Address P.O. Box 2327 Buckhannon, WV 26201  See Attached  See Attached  See Attached  See Attached  Received Office of Oil and Gas OCT 13 2022  WV Department of Environmental Protection  Notification must be given to the district oil and gas inspector 24 hours before permitted	6)		
8) Oil and Gas Inspector to be notified  Name Sam Ward  Address P.O. Box 2327  Buckhannon, WV 26201  See Attached  See Attached  See Attached  RECEIVED Office of Oil and Gas  OCT 13 2022  WV Dapartment of Environmental Protection  Notification must be given to the district oil and gas inspector 24 hours before permitted			
See Attached  RECEIVED Office of Oil and Gas  OCT 1 3 2022  WV Department of Environmental Protection	8)	Name Sam Ward Address P.O. Box 2327	Name Next LVL Energy  Address 1951 Pleasantview Ridge Road
See Attached  RECEIVED Office of Oil and Gas  OCT 13 2022			
Notification must be given to the district oil and gas inspector 24 hours before permitted		See Atta	Office of Oil and Gas  OCT 1 3 2022
Work order approved by inspector SeDukuda Date 10/3/2023	work	can commence.	il and gas inspector 24 hours before permitted



DEPARTMENT OF MINES

## Oil and Gas Division

## WELL RECORD

Quadrangle Poulippi
Permit No. UPS 1709

(0)	5(C)	2	970		
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OIL & GAS DIVISION

47-097-01709

Rotary X	Oil
Cable	Gas Z
Recycling	Comb.
Water Phoofi	Storage -
Dispersit	···(Kind)

	and the management of the second	2 2 1 1 FF. 27 7 2	Transfer or an	
ompany J & J Enterprises, c/o Berry Energy ddress 309 Professional Eldg., Clarksburg J. J. Hodges	Casing and 4 Lubusg -	Used in Dr.Iling	n Well	Cu. ft. (Sks.)
action (waters) Brush Run	Size			î
/ell No B-72 Siev 15011	20.16			1
District Warren County Upsnur	(ond. 13-10" 11 3/4	18	18	. to surface
he surface of tract is owned in fee by			1	
Same	9.5/8	1162	1162	to surface
Address	8 5/8		-+	-
fineral rights are owned by Same	7		-+	1
Address	5_1/2	1.378	14378	to 3525
Address	4 1/2			-1
2 111 - Campleted 1/24//	3			
Initial open flow 42,000 cu. ft bbis.	3		<del></del>	
537.000 6 mar day - bbls.	Liners Used			-
Well open 7 hours hrs. before test 1005 RP.21	411rs	Marie Land Street, Street, Str.	THE REAL PROPERTY.	
Well treatment details:	Attach copy of c	ementing re	cord.	
Water Frac Benson				
Water 11ac ослова 4/6/77				
Total fluid 980 bbls.				
60,000 - 20/40 Sand				
500 Gal. RFC Acid				
Mary Association ( Mary Control of the Control of t				
Polov		Inc	hes	
Coal was encountered at Below F	ectSalt \	Juler Inc	thes	Fcet
Fresh water 3051 Feet	Salt \	Vialer	thes 44.1.5	Fcet
Coal was encountered at Below F Fresh water 305' Feet Producing Sand Benson 4265-4280	Salt 1	Vialer		Feet
Fresh water 3051 Feet	Salt \Dept!	hto	44.5	20 C 1600 1818 2 200 Add

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Office of Oil and Gas

OCT 1 3 2022

WV Department of Environmental Protection

5DW 1013/2022

### **Plugging Prognosis**

API#: 4709701709

West Virginia, Upshur County

Lat/Long: 39.0400203248288, -80.1884595485988

Nearest ER: St. Joseph's Hospital (WVU Medicine) - 1 Amalia Dr., Buckhannon, WV 26201

#### Casing Schedule

11-3/4" @ 18' (cemented to surface) 8-5/8" @ 1162' (cemented to surface) 4-1/2" @ 4378' (cemented to 3525' per well report) TD @ 4378'

Completion: Producing Sand - Benson 4265'-4280'

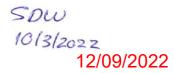
Fresh Water: 305'
Salt Water: none listed
Gas Shows: none listed
Oil Shows: none listed
Coal: none listed
Elevation: 1501'

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OCT 1 3 2022

WV Department of Environmental Protection

- 1. Notify Inspector Sam Ward @ 304-389-7583, 48 hrs prior to commencing operations.
- 2. Check and record pressures on csg/tbg.
- 3. Check TD w/ wireline.
- 4. Run in to 4280'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 115' Class A/Class L cement plug from 4280' to 4165' (Producing sand plug). Tag TOC. Top off as needed.
- 5. TOOH w/ tbg to 4165', Pump 6% bentonite gel from top of plug to 1501'
- Free point 4-1/2" tbg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Do not omit any plugs listed below. Perforate as needed.
- 7. TOOH w/ tbg to 1501'. Pump 100' Class A/Class L cement plug from 1501' to 1401' (Elevation plug).
- 8. TOOH w/ tbg to 1401'. Pump 6% bentonite gel from 1401' to 1212'.
- TOOH w/ tbg to 1212'. Pump 100' Class A/Class L cement plug from 1212' to 1112' (8-5/8" csg plug).
- 10. TOOH w/ tbg to 1112'. Pump 6% bentonite gel from 1112' to 355'.
- 11. TOOH w/ tbg to 355'. Pump 100' Class A/Class L cement plug from **355' to 255'. (Fresh water plug).**
- 12. TOOH w/ tbg to 255'. Pump 6% bentonite gel from 255' to 100'.
- 13. TOOH w/ tbg to 100'. Pump 330' Class A/Class L cement plug from 100' to Surface. (Surface plug).
- 14. Reclaim location and well road to WV DEP specifications and erect P&A well monument.



WW-4A Revised 6-07

1)	Date:	September 29	, 2022		
2)	Operator's B-72	Well Numb	er		
3)	API Well N	Jo.: 47 -	097	01709	

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

4)	(a) Name	ner(s) to be served: Robin Queen Triplett	5) (a) Coal Operator Name	None
	Address	1084 Shumaker Road	Address	
		Buckhannon, WV 26201		
	(b) Name		(b) Coal Ow	vner(s) with Declaration
	Address		Name	See Altached List
			Address	
	(c) Name		Name	
	Address		Address	
6)	Inspector	Sam Ward	(c) Coal Les	ssee with Declaration
-,	Address	P.O. Box 2327	Name	No Declaration
		Buckhannon, WV 26201	Address	
	Telephone	304-389-7583		

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the

well its and the plugging work order; and (2) 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. However, you are not required to take any action at all.

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.

	Well Operator	Diversified Production, LLC	RECEIVED Office of Oil and Gas
OFFICIAL SEAL	By:	Austin Sutler That Mutt	OCT 1 3 2022
NOTARY PUBLIC STATE OF WEST VIRGINIA	Its:	Plugging Manager	2 0 2022
Phyllis A. Copley	Address	414 Summers Street	140.75
*# 144 Williard Circle		Charleston, WV 25301	WV Department
Hurricane, WV 25526  My Commission Expires September 16, 2023	Telephone	304-419-2562	Environmental Protection
Subscribed and sworn before me th	is 29th de	ay of September , 2022  Notary Public	
My Commission Expires 0	Septem	el 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.

# 4709701709

Well B-72

47-097-01709

**Coal Owners** 

FEW Inc. P.O. Drawer L Buckhannon, WV 26201

Onondaga Holding Company, LLC 444 Richardsonville Road Creston, WV 25141

Mike Ross Inc. P.O. Box 219 Coalton, WV 26257

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Office of Oil and Get

OCT 1 3 2022

WV Departments Protection









Office of Oil and Gas
SEP 3 0 2022
W Department of Environmental Protection

API No. 47 097 01709 Operator's Well No. Well B-72

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_Diversified Production LLC OP	Code 494524121
Watershed (HUC 10) Brush Run of Buckhannon River Quadrangle Philipp	
Do you anticipate using more than 5,000 bbls of water to complete the proposed well we	ork? Yes No _✓
Will a pit be used? Yes V No No	
If so, please describe anticipated pit waste: Produced fluid and cement return	
Will a synthetic liner be used in the pit? Yes V No If so, wh	nat ml.?_20
Proposed Disposal Method For Treated Pit Wastes:	-9-GPP) 5DW -9-GPP) 10/3/2022
Land Application (if selected provide a completed form WW Underground Injection (UIC Permit Number 2D08300792002  Reuse (at API Number 100 for the form WWW 0 for the completed form WWW 0 for	
Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain	
Will closed loop systembe used? If so, describe:	
Drilling 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
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, sa	
-Landfill or offsite name/permit number?	Environmental Protection
Permittee shall provide written notice to the Office of Oil and Cas of any load of drill of West Virginia solid waste facility. The notice shall be provided within 24 hours of rejective it was properly disposed.	
= 1. A+1	vironmental Protection. I understand that the the general permit and/orother applicable law illiar with the information submitted on this viduals immediately responsible for o btaining
Company Official Signature Austin Sutlar	NOTARY PUBLIC STATE OF WEST VIRGINIA
Company Official (Typed Name) Austin Sutler	Phyllis A Copley 144 Willard Circle
Company Official Title Plugglng Manager	Hurricane, WV 25526  My Commission Expires September 16, 2023
Subscribed and sworn before me this 29th day of September  My commission expires  September 16, 2023	, 20_ <del></del> Notary Public

Operator's Well No. B-72

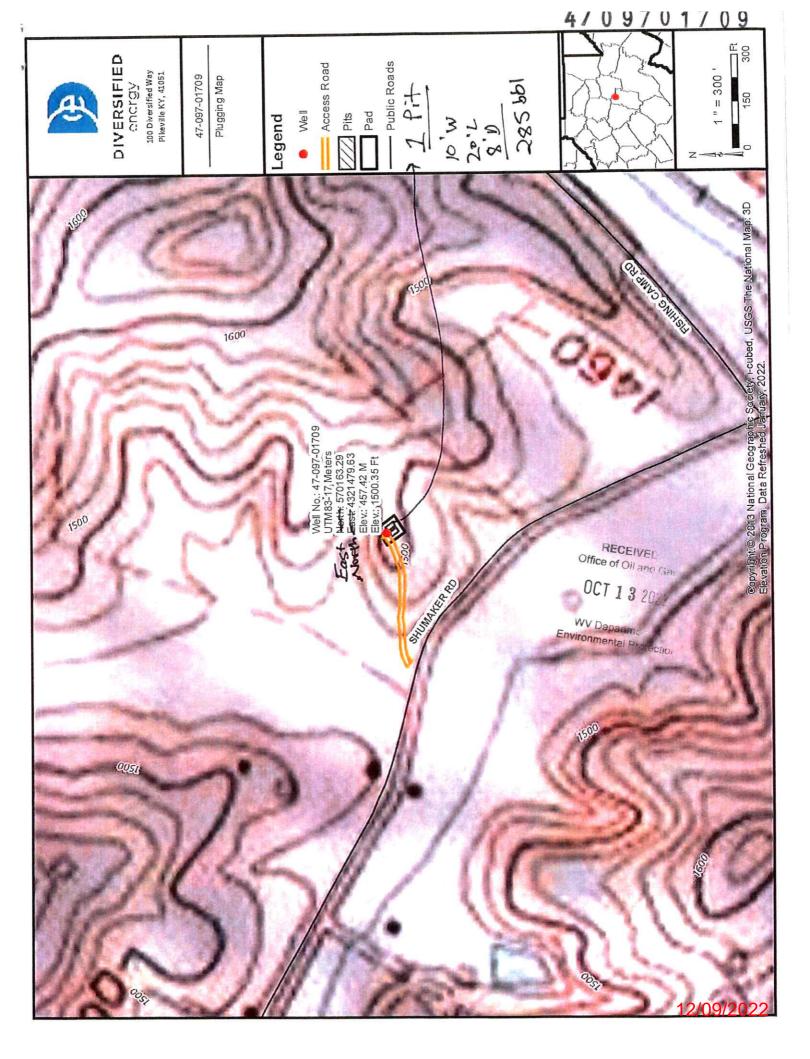
		Preveg etation pl	I
Lime 3	Tons/acre or to correct to pH	6.5	
Fertilizer type	0-20 or equivalent		
Fertilizer amount_	lb	s/acre	
Mulch_2	Tons/a	cre	
	Seed	<u>I Mixtures</u>	
Te	emporary	Perma	nent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alside Clover	5
Annual Rye	15		
provided). If water from the (L, W), and area in acres, of	pit will be land applied, provide w	ation (unless engineered plans includater volume, include dimensions (L,	ding this info have been W, D) of the pit, and dimensi
provided). If water from the (L, W), and area in acres, of	pit will be land applied, provide was the land application area.	ation (unless engineered plans include the volume, include dimensions (L,	W, D) of the pit, and dimens
provided). If water from the (L, W), and area in acres, of Photocopied section of invo	e pit will be land applied, provide we fithe land application area.	ation (unless engineered plans include the volume, include dimensions (L,	W, D) of the pit, and dimens
provided). If water from the (L, W), and area in acres, of Photocopied section of invo	e pit will be land applied, provide we fithe land application area.	ation (unless engineered plans include the result of the control o	RECEIVED Office of Oil and Gas OCT 1 3 2022
provided). If water from the (L, W), and area in acres, of Photocopied section of invo	e pit will be land applied, provide we fithe land application area.	ation (unless engineered plans includater volume, include dimensions (L,	RECEIVED Office of Oil and Gas OCT 1 3 2022
provided). If water from the (L, W), and area in acres, of Photocopied section of invo	e pit will be land applied, provide we fithe land application area.	ation (unless engineered plans includater volume, include dimensions (L,	RECEIVED Office of Oil and Gas OCT 1 3 2022
provided). If water from the (L, W), and area in acres, of Photocopied section of invo	e pit will be land applied, provide wing the land application area.  Filved 7.5' topographic sheet.	Date: 1013/2022	RECEIVED Office of Oil and Ga OCT 1 3 2022



# West Virginia Department of Environmental Protection Office of Oil and Gas

# WELL LOCATION FORM: GPS

WELL LO	CATION FORMI. GIS	
<sub>API:</sub> 4709701709	WELL NO.: B	-72
FARM NAME: R R Hodges	5	
RESPONSIBLE PARTY NAME:	Diversified Production	on
COUNTY: Upshur	DISTRICT: Wa	rren
QUADRANGLE: Philippi		
SURFACE OWNER: Robin C	ueen Triplett	
ROYALTY OWNER: Diversif		
UTM GPS NORTHING: 43214		
UTM GPS EASTING: 570163		<sub>ON:</sub> 1669.43'
height above mean sea lev 2. Accuracy to Datum – 3.05 3. Data Collection Method:	s will not accept GPS coordinate: 17 North, Coordinate Units: meters (MSL) – meters.	s that do not meet
Survey grade GPS: Post Pro	me Differential	OCT 1 3 2022
Mapping Grade GPS X : Post		WV Department of Environmental Protection
	-Time Differential	
4. Letter size copy of the to I the undersigned, hereby certify this belief and shows all the information of prescribed by the Office of Oil and G	equired by law and the regulation	cnowledge and
Digitally signed by Austin Sutter Date: 2022.04.12 15:41:16 -04'00'	Sr. Proj. Manager	4/12/2022
Signature	Title	Date



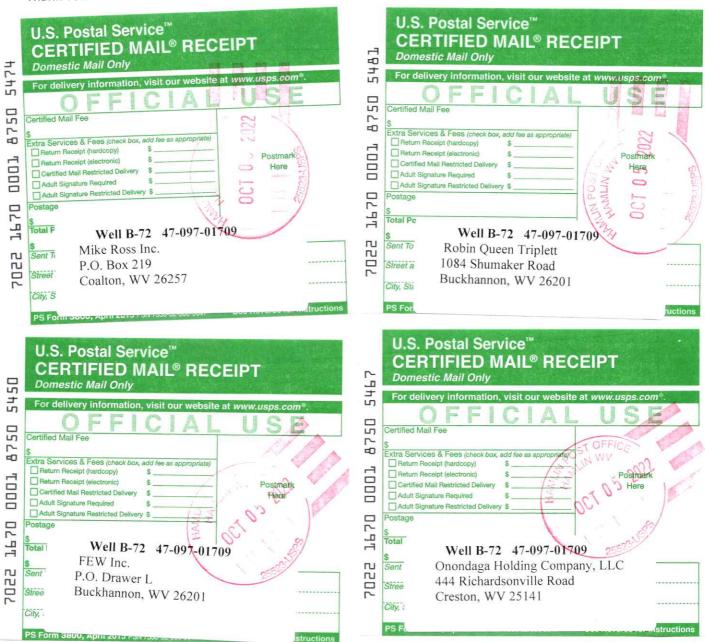


## 4709701709

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.





10/5/2022

James Martin Office of Oil and Gas 601 57<sup>th</sup> 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:

47-097-01709

Hodges B-72 150321

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 57<sup>th</sup> 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.
- 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.

Promoting a healthy environment.

 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



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

## plugging permits issued 4709701322 09701709 09700093 09700772

1 message

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

Thu, Dec 8, 2022 at 2:46 PM

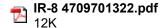
To: Samuel D Ward <samuel.d.ward@wv.gov>, Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@dgoc.com>, dwzickefoose@upshurcounty.org

To whom it may concern plugging permits have been issued for 4709701322 09701709 09700093 09700772.

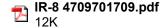
James Kennedy

WVDEP OOG

#### 8 attachments









IR-8 4709700093.pdf 12K

4709700093.pdf 2609K

IR-8 4709700772.pdf 12K

4709700772.pdf 2761K