

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

Thursday, March 21, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 6 47-049-00582-00-00

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: 6

Farm Name: TALKINGTON, A. O.

U.S. WELL NUMBER: 47-049-00582-00-00

Vertical Plugging
Date Issued: 3/21/2024

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	Febru	uary 2	27	,	2024	
2)Oper	ator	's				-
Well	No.	AO Ta	Ikington 6	5		
3)API	Well	No.	47- 049)	- 00582	_

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

APPLICATION FOR A PER 4) Well Type: Oil / Gas / Liqui	VIII MA DITTO TARE TRANSPORT
4) Well Type: Oil / Gas ✓ / Liqui	MIT TO PLUG AND ABANDON
	d injection/ Waste disposal/
	derground storage □) Deep □ / Shallow ✓
5) Location: Elevation 1111.57	Watershed Warrior Fork - Evans Run
District Lincoln	County Marion Quadrangle Glover Gap 7.5'
6) Well Operator Diversified Production, LLC	7) Designated Agent Chris Veazey
Address 414 Summers Street	Address 414 Summers Street
Charleston, WV 25301	Charleston, WV 25301
8) Oil and Gas Inspector to be notified	9) Plugging Contractor
Oil and Gas Inspector to be notified Name <u>Kenny Willett</u>	Name Next LVL Energy (Diversified Owned)
Address 2393 Tallmansville Rd.	Address 104 Helliport Loop Rd
Buckhannon, WV 26201	Bridgeport, WV 25330
See Attached	
	Office Of Oil and Gas MAR 6 2024 WV Department of Environmental Protection

Plugging Prognosis

API #: 47-049-00582

West Virginia, Marion County Lat/Long - 39.54134, -80.30168

Nearest ER: United Hospital Center Emergency Room - 327 Medical Park Dr, Bridgeport, WV 26330

Casing Schedule

Conductor @ 14' (no size listed)

10" @ 216' (cement information not known)

8-1/4" @ 1047' (cement information not known) – Has been parted 3 times at about 110' & 140'. Was screwed together with new joints.

6-5/8" @ 1910' (cement information not known)

TD @ 2029'

Remarks show $6-5/8" \times 2"$ packer @ 1915' w/ 75' of 3" below packer – perforated 15' w/ 3 rows of 5/8" holes in bottom joint

Completion: Shot w/ 6, 8, & 12 quarts in 1898, 1902, & 1909 @ 1978' — Big Injun Zone Produced Open Hole

Fresh Water: None Listed Salt Water: None Listed Gas Shows: None Listed Oil Shows: None Listed Coal: 440'-445', 540'-547' Elevation: 1111.57'

- 1. Notify Inspector Kenny Willett @ 681-990-2567, 48 hrs prior to commencing operations.
- 2. Check and record pressures on csg/tbg.
- 3. Check TD w/ sandline/tbg.
- 4. Pump Gel between each plug.
- 5. Attempt to pull 6-5/8" x 2" anchor packer & 75' of 3" pipe.
- 6. If anchor packer and pipe won't come free, perforate 3" pipe just below anchor packer.
- 7. Run in to 2020'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 175' Class L cement plug from 2020' to 1845'. Completion plug & 6-5/8" shoe plug). Tag TOC. Top off as needed.
- 8. Free point 6-5/8" csg. Cut and TOOH. Set 100' Class L cement plug paress csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Do not omit any plugs listed below. Perforate as needed.
- 9. TOOH w/ tbg to 1162'. Pump 165' Class L cement plug from 1162 to 997' (Elevation & 8-1/4" csg shoe plug).
- 10. Free point 8-1/4" csg. Cut and TOOH. Set 100' 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.
- 11. TOOH w/ tbg to 597'. Pump 207' Expanding Class L cement plug from 597' to 390' (Coal plug).

Ky Wielett 3/1/24

- 12. TOOH w/ tbg to 266'. Pump 100' Class L cement plug from 266' to 166' (10" csg shoe plug).
- 13. Free point 10" csg. Cut and TOOH. Set Class L cement plug from 50' in cut to surface (Csg cut & surface plug).
- 14. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Ky Wielots 3/1/24

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Office Of Oil and Gas

MAR 6 2024

WV Department of Environmental Protection

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1)	Date:	2/27/2024

2) Operator's Well Number AO Talkington 6

3) API Well No.: 47 -

049

00582

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

	wner(s) to be served:	5) ((a) Coal Operato	r	
(a) Name	Wiley G. Orr	All C	Name		
Address	33 Saddlebrook L	n.	Address		
	Tombal, TX 77375	5			
(b) Name			(b) Coal Ov	wner(s) with Declaration	
Address			Name	Eastern Associated Coal, L	LC
			Address	4150 Belden VLG Ave. NW Canton, OH 44718	Suite 410
(c) Name			Name		
Address			Address		
	-				
6) Inspector	Kenny Willett		(c) Coal Le	ssee with Declaration	
Address	2393 Tallmans		Name		
	Buckhannon, V		Address		
Telephone	(681) 990-2567		_	-	
Take notic accompan Protection the Applie	you are not required to take a ce that under Chapter 22-6 of the sying documents for a permit the with respect to the well at t	ny action at all. The West Virginia Cod to plug and abandon a vine location described on mailed by registered	e, the undersigned well well with the Chief of the in the attached Applicate or certified mail or de	cation which are summarized in the instruction operator proposes to file or has filed this the Office of Oil and Gas, West Virginia Dion and depicted on the attached Form Welivered by hand to the person(s) named	Notice and Application and Department of Environmental W-6. Copies of this Notice,
		Well Operator	Diversified Prod	duction, LLC	
		By:	Chris Veazey	12:1h	
		Its:	Director of Adm	ninistration	
		Address	414 Summers S	Street	
			Charleston, W	- PP-1 (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C) (184 C)	
		Telephone	304-590-7707		
Subscribed and	l ewarn before me th	27th	ay of Jebrua		OFFICIAL SEAL NOTARY PUBLIC

My Commission Expires

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.

03/22/2024

https://my.simplecertifiedmail.com/PrintLabel

Diversified Gas & Oil Corporation Permitting Department 414 SUMMERS STREET 2ND. FLOOR CHARLESTON WV 25301

WILEY G ORR 33 SADDLEBROOK CT TOMBALL TX 77375-3273

RECEIVED Office Of Oil and Gas

WV Department of Environmental Protection

6 2024

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Diversified Gas & Oil Corporation Permitting Department 414 SUMMERS STREET 2ND. FLOOR CHARLESTON WV 25301

easypost

US POSTAGE AND FEES PAID

2024-02-27

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Retail

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EASTERN ASSOCIATED COAL LLC 4150 BV ST NW STE 410 **CANTON OH 44718-2553** Office RECEIVED Of Oil and Gas MAR WV Department of Environmental Protection

03/22/2024

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API Number	47	_ 049	_ 00582	
Operator's W				

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) Warrior Fork - Evans Run	Quadrangle Glover Gap 7.5'
Do you anticipate using more than 5,000 bbls of water to con	plete the proposed well work? Yes No
\checkmark	Will a pit be used? Yes No
If so, please describe anticipated pit waste:	n fluid and cement returns.
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?20
Proposed Disposal Method For Treated Pit Wastes:	
Land Application (if selected provide # Underground Injection (UIC Permit 1 Reuse (at API Number Off Site Disposal (Supply form WW- Other (Explain	Number 2D03902327 002)
Will closed loop systembe used? If so, describe: N/A	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A
-If oil based, what type? Synthetic, petroleum, etc. N/A	
Additives to be used in drilling medium? N/A	
Drill cuttings disposal method? Leave in pit, landfill, removed o	ffsite, etc.N/A
-If left in pit and plan to solidify what medium will be u	sed? (cement, lime, sawdust)N/A
-Landfill or offsite name/permit number? N/A	
Permittee shall provide written notice to the Office of Oil and Ga West Virginia solid waste facility. The notice shall be provided where it was properly disposed.	
on April 1, 2016, by the Office of Oil and Gas of the West Virgi provisions of the permit are enforceable by law. Violations of an or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that based on many light of the control	nditions of the GENERAL WATER POLLUTION PERMIT issued nia Department of Environmental Protection. I understand that the y term or condition of the general populity and/or other applicable law examined and am familiar with the information submitted on this y inquiry of those individuals immediately responsible for obtaining and complete. I am aware that there are disprificant penalties for apprisonment.
Subscribed and sworn-before me this 27 day of fee My commission expires 30 enlar 48, 2038	Notary Public STATE OF WEST VIRGINIA Jeffrey Bush

Lime3	Tons/acre or to correc	et to pH 6.5		
	0-20-20 or Equivalent		-	
Fertilizer amount	TBD	lbs/acre		
Mulch2		_Tons/acre		
		Seed Mixtures		
2	Гепрогагу		Perma	ment
Seed Type	lbs/acre		Seed Type	lbs/acre
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Annual Rye	15			
Maps(s) of road, location, porovided). If water from the L, W), and area in acres, o	oit and proposed area for lan e pit will be land applied, pr f the land application area. olved 7.5' topographic sheet	ovide water volume, in	ngineered plans included dimensions (L,	ding this info have been W, D) of the pit, and dime
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Maps(s) of road, location, porovided). If water from the L, W), and area in acres, or Photocopied section of involved the Approved by:	f the land application area.	ovide water volume, in	clude dimensions (L,	W, D) of the pit, and dime



Date: 2/27/2024

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:

API Number 4704900582 Well Name AO Talkington 6

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

Sincerely,

Chris Veazey Permitting Supervisor 304-590-7707





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

- 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.

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

Environmental Protection

James Martin, Chief Office of Oil and Gas

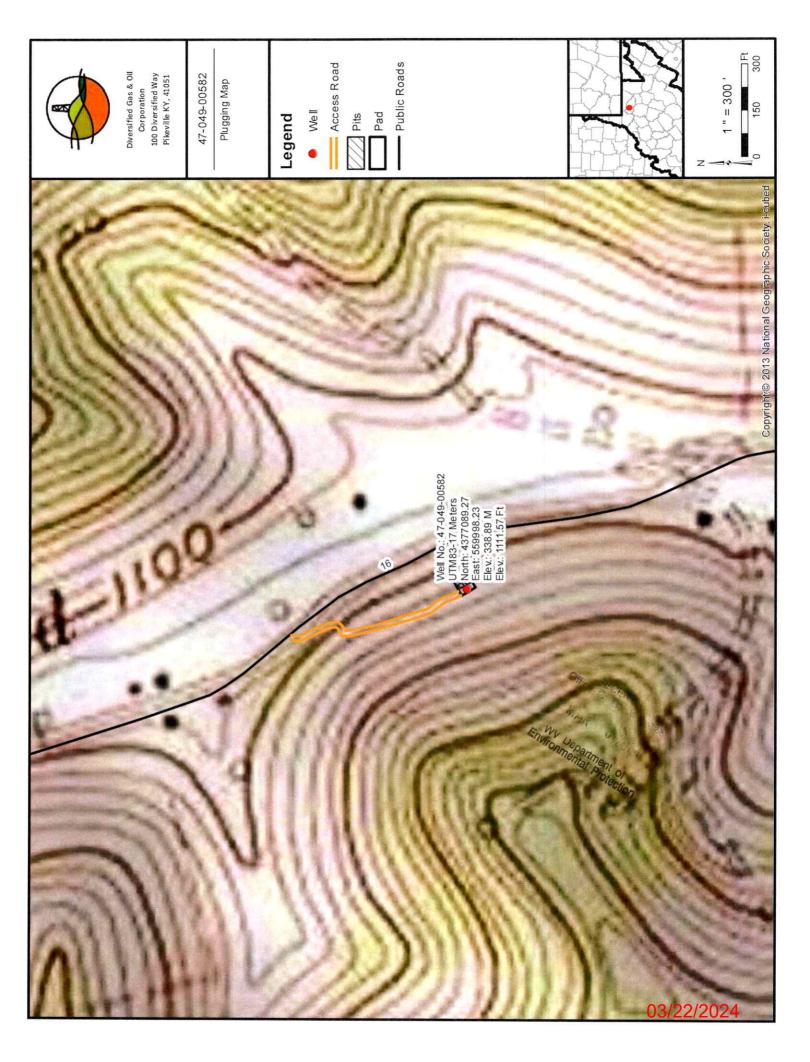
03/22/2024

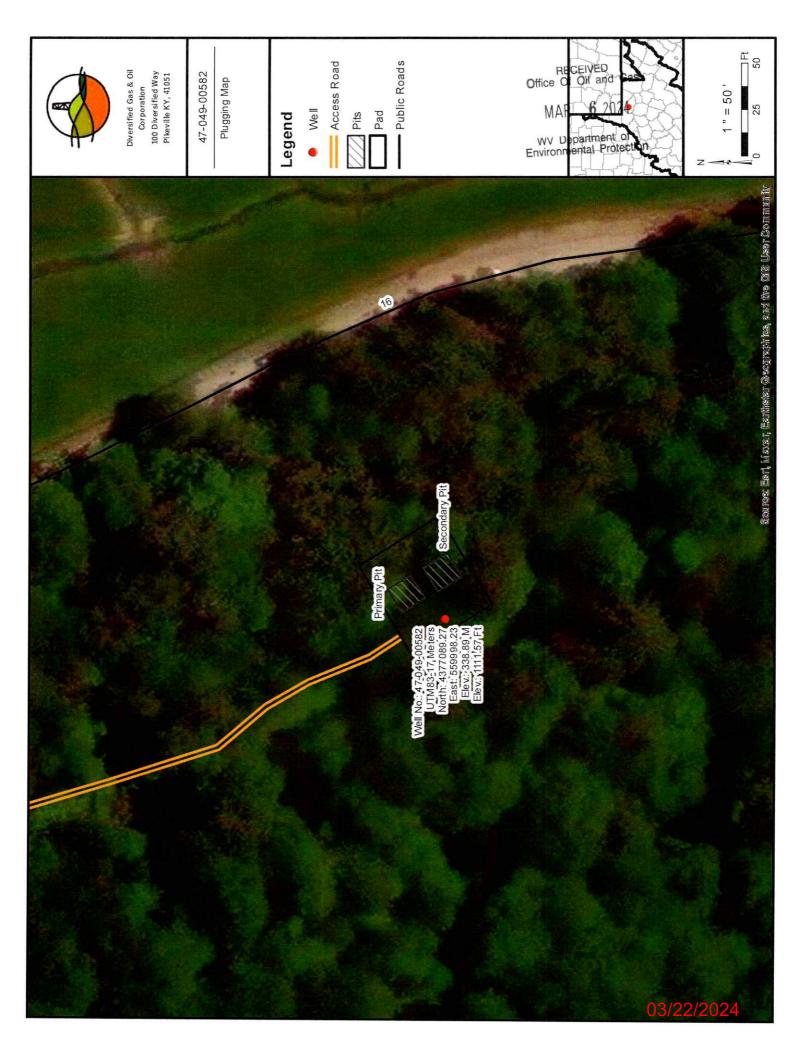


West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 4704900582	WELL NO.: AO Talkington 6
FARM NAME: Talkington	
RESPONSIBLE PARTY NAME: Diversified	Production, LLC
COUNTY: Marion	DISTRICT: Lincoln
QUADRANGLE: Glover Gap 7.5'	
SURFACE OWNER: Wiley G. Orr	
ROYALTY OWNER: Patricia B. Kruz	а
UTM GPS NORTHING: 4377089.27	
UTM GPS EASTING: <u>559998.23</u>	_GPS ELEVATION: 1111.57'
The Responsible Party named above has chosen to preparing a new well location plat for a plugging pabove well. The Office of Oil and Gas will not accept the following requirements:	permit or assigned API number on the
 Datum: NAD 1983, Zone: 17 North, Cheight above mean sea level (MSL) – 12. Accuracy to Datum – 3.05 meters Data Collection Method: Survey grade GPS: Post Processed Diffe 	rential Management
Real-Time Different	ial $\underline{\qquad}$ $E_{N_{V_{iron}}}$
Mapping Grade GPS X: Post Processed Di	fferential X
Real-Time Differ	
4. Letter size copy of the topography m I the undersigned, hereby certify this data is correct belief and shows all the information required by la prescribed by the Office of Oil and Gas. Chris Veazey - D	et to the best of my knowledge and
Signature	Title Date





API No.	4704900582
Farm Name	Talkington
Well No.	AO Talkington 6

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.

	WAIVER	
The undersigned coal operator/ own has examined this proposed plugging work order. done at this location, provided, the well operator Virginia Code and the governing regulations.	The undersigned	
Date:	By:	Wy Department of Environmental Protection
	Its	

SURFACE OWNER WAIVER

Operator's Well Number

AO Talkington 6

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

<u>Comments must be in writing.</u> 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 Office State 1
- 5) The applicant has committed a substantial violation of a previous permit or substantial violation of one or more of the rules promulgated under Chapter 22, and perfailed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of 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 had objection to a permit being issue FOR EXECUTION BY A NATULETC.	d on those materials.	e planned wor	k described in these materials, and I have no FOR EXECUTION BY A CORPORATION,
	Date	Name	
Signature		$_{ m By}$	
		Its _	Date
		its _	Date

Signature Date 03/22/2024

PLUGGING PERMIT CHECKLIST 4704900582

Plugging Permit	Office Of Oil and Gas			
	MAR 6 2024			
WW-4B WW-4B signed by inspector WW-4A	WV Department of Environmental Protection			
SURFACE OWNER WAIVER or PROOF THA	T APPLICATION WAS SENT BY REGISTERED OR CERITFIED			
COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL WW-9 PAGE 1 (NOTARIZED)				
WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application WW-9 GPP PAGE 1 and 2 if well effluent will be land applied				
RECENT MYLAR PLAT OR WW-7 WELL RECORDS/COMPLETION REPORT				
TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED MUST HAVE VALID BOND IN OPERATOR'S NAME				
CHECK FOR \$100 IF PIT IS USED				



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

plugging permits have been issued for 4704900582 04900480 04900347.

1 message

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

Thu, Mar 21, 2024 at 11:01 AM

To: Chris Veazey <CVeazey@dgoc.com>, Kenny S Willett <kenny.s.willett@wv.gov>, mtrach@wvassessor.com

To whom it may concern, plugging permits have been issued for 4704900582 04900480 04900347.

James Kennedy

WVDEP OOG

3 attachments



4704900480.pdf 2273K



4704900347.pdf 2309K



4704900582.pdf 2675K