

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, November 16, 2023 WELL WORK PLUGGING PERMIT Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 3111 47-041-00073-00-00

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: 3111

Farm Name: BONNETT, E.

U.S. WELL NUMBER: 47-041-00073-00-00

Vertical Plugging
Date Issued: 11/16/2023

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.
- 4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

WW-4B Rev. 2/01

1) Date September	15	20 23
2)Operator's		
Well No. 3111		
3) API Well No.	47- 041	- 00073

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

5) Location: Elevation	n 1064.22'	Watershed Buckhannon Run - La	urel Lick
District	Hackers Creek	County Lewis Quadi	angle Berlin 7.5'
6) Well Operator Diversifie	ed Production 11.C	7)Designated Agent Chris	Veazey
6) Well Operator Diversite Address 414 Sum		Address 414 S	
	ton, WV 25301		eston, WV 25301
Oil and Gas Inspector Name <u>Kenneth Greynol</u> Address 613 Broad F		9) Plugging Contractor Name Next LVL Energ Address 104 Hellipo	
Jane Lew, V		Bridgeport,	
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STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

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DEPARTMENT OF MINES OIL AND GAS DIVISION

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PLUGGING PROGNOSIS

West Virginia, Lewis County API # 47-041-00073

Casing Schedule

6 5/8" csg @ 1550' (no cement or packer data) 5-3/16" csg @ 2150' (no cement or packer data) TD @ 2390'

Completion: Shot - 2301'-2306'; 2346'-2356'

Fresh Water: None Reported Saltwater: None Reported Coal: None Reported Oil Show: None Reported Gas Show: 2302'-2310'; 2347'

Elevation: 1057'

1. Notify inspector, Ken Greynolds @ (304) 206-6613, 48 hrs. prior to commencing operations.

2. Check wellhead pressure and tag TD w/ sandline.

- Run in to depth @ 2356'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 156' Class A/Class L cement plug from 2356' to 2200' (completion and gas show plug). Tag TOC. Top off as needed.
- Free point 5-3/16" 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.
- TOOH w/ tbg to 2200'. Pump 100' Class A/Class L Cement plug from 2200' to 2100' (completion 5-3/16" csg shoe plug)
- 6. TOOH w/ tbg to 2100'. Pump 6% bentonite gel from 2100' to 1600'.
- 7. Free point 6-5/8" 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.
- 8. TOOH w/ tbg to 1600'. Pump 100' Class A/Class L cement plug from 1600' to 1500' (6-5/8" csg shoe plug).
- 9. TOOH w/ tbg to 1500'. Pump 6% bentonite gel from 1500' to 1107'.
- 10. TOOH w/ tbg to 1107. Pump 100' Class A/Class L cement plug from 1107' to 1007' (Elevation plug).
- 11. TOOH w/ tbg to 1007'. Pump 6% bentonite gel from 1007' to 710'.
- 12. TOOH w/ tbg to 710'. Pump 140' Class A/Class L cement plug from 710' to 570'. (Shallowest Salt sand plug).
- 13. TOOH w/ tbg to 570'. Pump 6% bentonite gel from 570' to 100'.

25

- 14. TOOH w/ tbg to 100'. Pump 100' Class A/Class L cement plug from 100' to Surface. (Surface plug).
- 15. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

RECEIVED Office of Oil and Gas OCT 27 2023

WV Department of Environmental Protection

Mond J. Sonolds 10-25-23 11/17/202

WW-4A Revised 6-07

1) Date: 9/15/20	23						
2) Operator's Well Numb	tor's Well Number 3111						
2) API Wall No : 47 -	041		00073				

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

		ner(s) to be served: Sheila R. Trimble	5) (a) Coal Operator Name	
	(a) Name Address	205 Laurel Lick Rd.	Address	
		Weston, WV 26542		
	(b) Name	(**************************************	(b) Coal Own	ner(s) with Declaration
	Address	1	Name	Sheila R. Trimble
		8	Address	205 Laurel Lick Rd.
				Weston, WV 26542
	(c) Name		Name	
	Address		Address	
) I	nspector	Kenneth Greynolds	(c) Coal Less	see with Declaration
	Address	613 Broad Run Rd.	Name	
		Jane Lew. WV 26378	Address	
,	Felephone	(681) 990-6948		
	2 0 0 2			

- (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
- 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, By: Chris Veazey Its: Permitting Supervisor 414 Summers Street Address Charleston, WV 25301 304-590-7707 Telephone

OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Sandra L Messer Subscribed and sworn before me this 2417 Julan Ho. Julan WV 25529 Notary Public My Commission Expires September 18, 202 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.

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

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RECEIVEL.
Office of Oil and the

OCT 27 2023

WV Department of Environmental Protection



Date: 9/15/2023

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 4704100073 Well Name 3111

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

Sincerely,

Chris Veazey **Permitting Supervisor** 304-590-7707

> RECEIVED Office of Oil and Gas

> > OCT 27 2023

WV Department of Environmental Protection



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 RECEIVED (API) Class L cement to be used in place of API Class A cement for well plugging.

OCT 27 2023

FINDINGS OF FACT

WV Department of Environmental Protection

- 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.

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

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WV Department of Environmental Protection

API Number	47 - 041	-	00073
Operator's We			

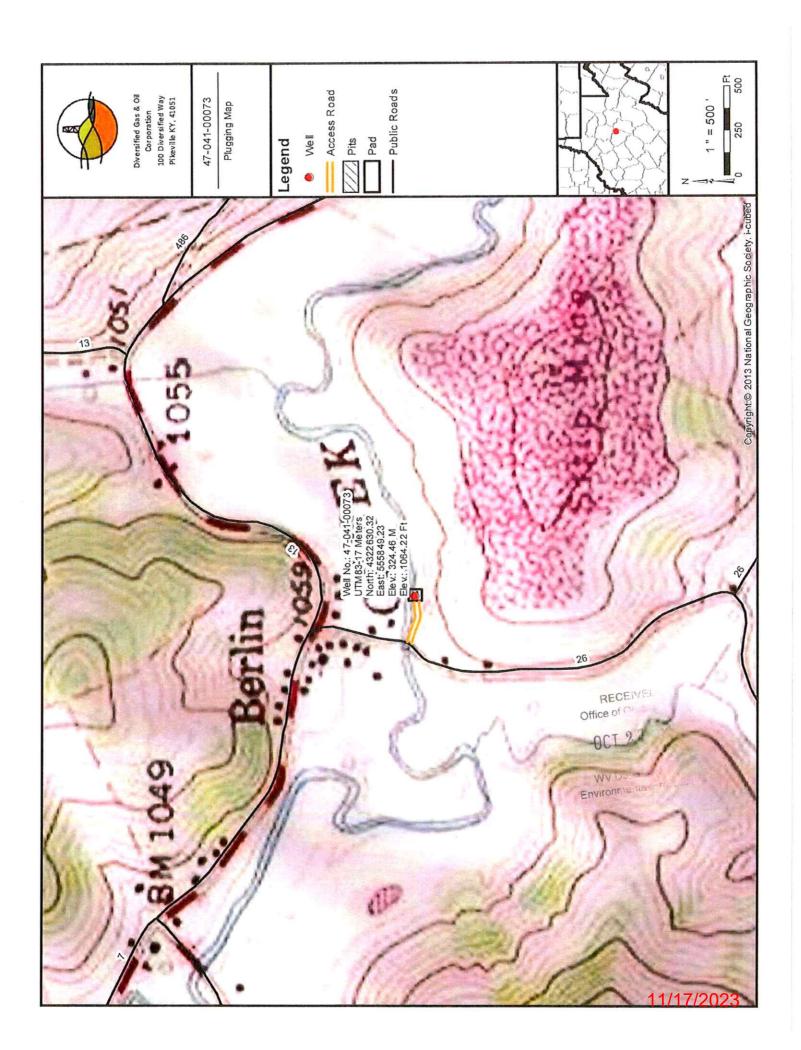
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

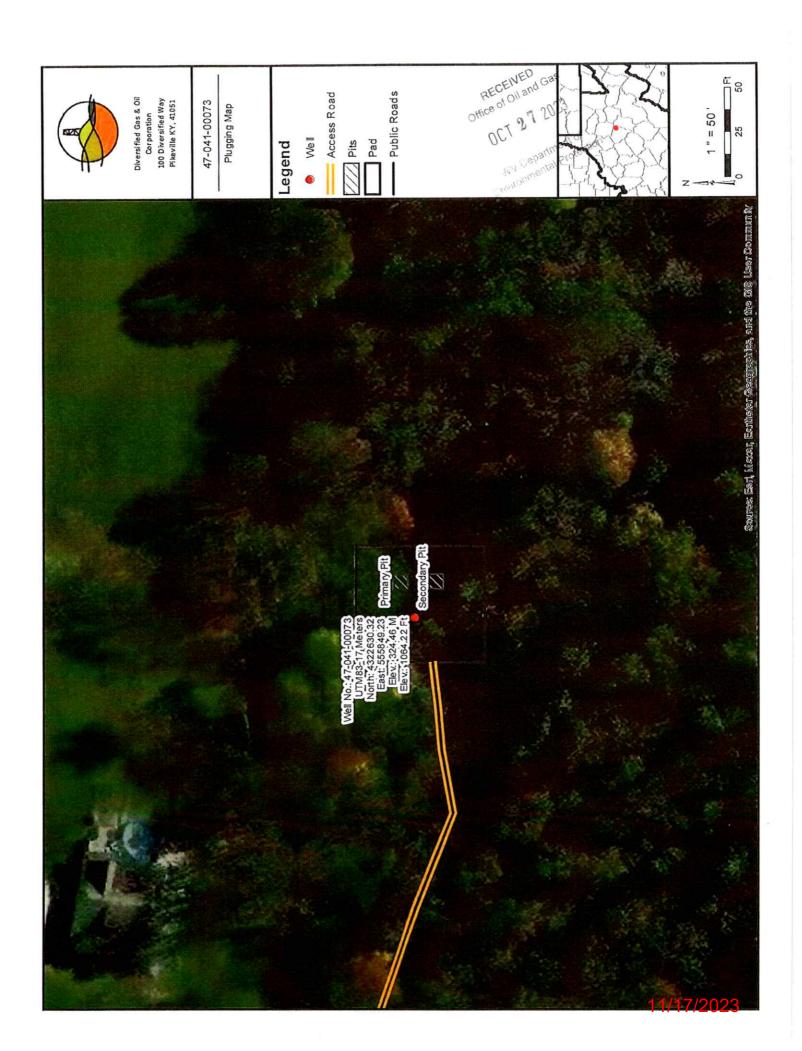
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Diversified Production, LLC OP Code 494524121
Watershed (HUC 10) Buckhannon Run - Laurel Lick Quadrangle Berlin 7.5'
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
If so, please describe anticipated pit waste: Production fluid and cement returns.
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_2D03902327 002) Reuse (at API Number)
Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain
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 RECEIVED Office of Oil and Gas
Additives to be used in drilling medium? N/A
Drill 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) N/A
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A -Landfill or offsite name/permit number? N/A Environmental Protection
Permittee shall provide written notice to the Office of Oil and Cas 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 Cas 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 obtaining 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
Company Official (Typed Name) Chris Veazey
Company Official Title_Manager Plugging Operations
Subscribed and sworn before me this 15th day of September, 2023 OFFICIAL SEAL NOTATY PUBLIC STATE OF WEST VIRIGINIA SONG'A L. MOSSOF 2417 Julian Rd. Juli

a	perator's	Well	No.	3111	
v	DCIACOLA	11 CH	. 10.		

Tons/acre or to correct	a n	
	to pH 6.5	
0-20-20 or Equivalent		
TBD	lbs/acre	
4400	_Tons/acre	
	Sced Mixtures	
Temporar y	Per	manent
lbs/acre	Seed Type	lbs/acre
40	Red Fescue	15
5	Alside Clover	5
15		
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[Temporary Ibs/acre 40 5 15	Tons/acre Sced Mixtures







West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 4704100073WELL NO.: 3111			
FARM NAME: E.H. Bonnett			
RESPONSIBLE PARTY NAME: Diversified Production, LLC			
COUNTY: Lewis DISTRICT: Hackers Creek			
QUADRANGLE: Berlin 7.5'			
surface owner: Sheila R. Trimble			
ROYALTY OWNER: Carl M. Bonnett, Charles Allen Bonnett, Charles E. Johnson, Debra A. Bonnett Cogar, Dewayne R. Lowther			
UTM GPS NORTHING: 4322630.32			
UTM GPS EASTING: <u>555849.23</u> GPS ELEVATION: <u>1064.22'</u>			
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: Office of Oil and Gas			
Survey grade GPS: Post Processed Differential OCT 2 7 2023 Real-Time Differential			
Mapping Grade GPS X: Post Processed Differential X WV Department or Environmental Protects	KOT.		
Real-Time Differential			
4. Letter size copy of the topography map showing the well location. I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas. Chris Veazey - Permitting Supervisor Title Date			

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API No.	4704100073	*-r
Farm Name	E.H. Bonnett	
Well No.	3111	

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 pluggyou must complete and return to this office on plugging" prior to the issuance of this plugging	ged according to 22-6-2 form OB-16 "Reques permit.	24(d) then as per Regulation 35CSR4-13.9 t by Coal Operator, Operator Operator Operator Office of Oil and Gase of Oil and Gase Office of Oil and Oi
	WAIVER	WV Department of Environmental Protection
The undersigned coal operator/ of has examined this proposed plugging work orded done at this location, provided, the well opera Virginia Code and the governing regulations.	er. The undersigned ha	
Date:		
	Ву:	
	Îts	

SURFACE OWNER WAIVER

Operator's Well Number

3111			

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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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 violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to a permit being issued on FOR EXECUTION BY A NATURAL ETC.	those materials.	he planned wo		naterials, and I have no
Signature	Date	Name By		
Digitalite		Its		Date
			Signature	Date

Date 11/17/2023



September 15, 2023

Kenneth Greynolds 613 Broad Run Rd. Jane Lew, WV 26378

Mr. Greynolds

Please find enclosed a Permit Application to plug API# 47-041-00073, in Lewis County, WV.

If you have any questions, comments, or if you require additional information, please feel free to contact me at 304-590-7707.

Thank You,

Chris Veazey
Chris Veazey

Permitting Supervisor

Diversified Energy Company 414 Summers St. Charleston, WV 25301 (304) 590-7707

Email: cveazey@dgoc.com

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WV Department of Environmental Protection 11/10/2016

PLUGGING PERMIT CHECKLIST 4704100073

Plugging Permit	
WW-4B WW-4B signed by inspector WW-4A	
SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY MAIL	
BY REGISTERED OR CERTIFIED MAIL WW-9 PAGE 1 (NOTARIZED)	AT APPLICATION WAS SENT
WW-9 PAGE 2 with attached drawing of road, location, pit and propos WW-9 GPP PAGE 1 and 2 if well effluent will be land applied	ed area for land application
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	RECEIVED Office of Oil and Gas OCT 27 2023 WV Department of Environmental Protection



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

Plugging permits issued 4704100073 4704105266

1 message

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

Thu, Nov 16, 2023 at 2:53 PM

To: Chris Veazey <CVeazey@dgoc.com>, Austin Sutler <asutler@nextlvlenergy.com>, Phyllis Copley <pcopley@dgoc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, jbreen@assessor.state.wv.us

To whom it may concern, plugging permits have been issued for 4704100073 4704105266.

James Kennedy

WVDEP OOG

2 attachments



4704100073.pdf 2302K



4704105266.pdf 2787K