



---

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](http://www.dep.wv.gov)

Monday, December 27, 2021  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

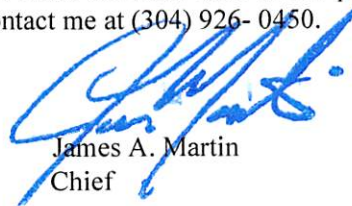
DIVERSIFIED PRODUCTION LLC  
414 SUMMERS STREET  
CHARLESTON, WV 25301

Re: Permit approval for 41  
47-059-00266

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: 41  
Farm Name: HENRY CLOSTERMAN  
U.S. WELL NUMBER: 47-059-00266  
Vertical Plugging  
Date Issued: 12/27/2021

Promoting a healthy environment.

12/31/2021

## 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. A cement bond log must be run on the production casing to establish the top of cement and all free casing must be cut and pulled.

47059002664

WW-4B  
Rev. 2/01

1) Date December 15, 2021  
2) Operator's  
Well No. 41  
3) API Well No. 47-059 - 00266

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 injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X
- 5) Location: Elevation 1209.33 feet Watershed Anderson Branch  
District Harvey County Mingo Quadrangle Naugatuck
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast  
Address 414 Summers Street Address 31 Hickory Drive  
Charleston, WV 25301 Barboursville, WV 25504
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Terry Urban Name R & J Well Services  
Address P.O. Box 1207 Address P.O. Box 40  
Clendenin, WV 25045 Hueysville, KY 41640-0040

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

*OPERATOR to Cover All Oil & Gas formation including  
SALT, Elevations, Coal & Freshwater with Cement*

RECEIVED  
Office of Oil and Gas

DEC 22 2021

WV Department of  
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector *Terry Urban* Date 12-20-21

12/31/2021

**PLUGGING PROGNOSIS**

806782

West Virginia, Mingo County

API# 47-059-00266

Completed by S.T.

Updated 12/3/2019

**Casing Schedule**

10" csg @ 600'

7" csg @ 1600'

TD 1685'

7" FL @ 1577' on 10/3/19

**Completion:** Natural**Fresh Water:** 192'**Gas Shows:** Salt Sand 1025', Big Lime 1673'-1685'**Oil Show:** No shows**Coal:** 50'-52', 192'-195', 350'-353'**Elevation:** 1217'

1. Notify Inspector, Terry Urban @ 304-549-5915, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline.
4. TIH w/ tbg to 1673'. Load well as needed with 6% bentonite gel. Pump 146' C1A cement plug from **1673'-1527' (Big Lime gas show and 7" csg st)**.
5. TOOH w/ tbg to 1527'. Pump 6% bentonite gel from **1527'-1217'**. TOOH LD tbg.
6. Free Point 7" csg. Cut and pull. Set 100' C1A cement plug across cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
7. TIH w/ tbg to 1217'. Pump 100' C1A cement plug from **1217'-1117' (Elevation)**.
8. TOOH w/ tbg to 1117'. Pump 6% bentonite gel from **1117'-1025'**.
9. TOOH w/ tbg to 1025'. Pump 100' C1A cement plug from **1025'-925' (Salt sand gas show)**.
10. TOOH w/tbg to 925'. Pump 6% bentonite gel from **925'-650'**.
11. TOOH w/ tbg to 650'. Pump 100' C1A cement plug from **650'-550' (10" csg st)**.
12. TOOH w/ tbg to 550'. Pump 6% bentonite gel from **550'-403'**. TOOH LD tbg.
13. Free Point 10" csg. Cut and pull. Set 100' C1A cement plug across cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
14. TIH w/ tbg to 403'. Pump 103' C1A cement plug from **403'-300' (Coal)**.
15. TOOH w/ tbg to 300'. Pump 6% bentonite gel from **300'-245'**.
16. TOOH w/ tbg to 245'. Pump 245' C1A cement plug from **245'-surface (Coal, fresh water and surface plug)**.
17. Erect monument with API#, date plugged, and company name.
18. Reclaim location and road to WV-DEP specifications.

RECEIVED  
Office of Oil and Gas

DEC 22 2021

Department of  
Environmental Protection

*Operator to Cover All Oil & Gas Formations including  
Salt, Elevation, Coal, & Freshwater with Cement*

*Ray W. Miller  
12-20-21*

12/31/2021



4705900266P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Harvey*

WELL RECORD

Permit No. MIN-266

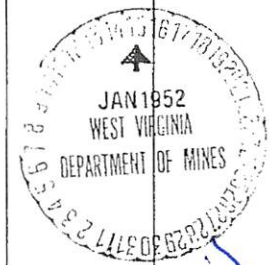
Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas Company  
 Address P.O. Box 1273, Charleston 25, W. Va.  
 Farm Henry Closterman #41 Acres 3920  
 Location (waters) Anderson Br. of Jennies Cr.  
 Well No. 6782 Elev. 1217.09  
 District Harvey County Mingo  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by 1st Nat'l Bank of Bluefield 6%  
R. A. Yarbrough, Trust Address Bluefield, W. Va.  
 Drilling commenced 8-9-51 Officer \_\_\_\_\_  
 Drilling completed 9-25-51  
 Date Shot Not shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ 26/10ths Merc. in 7 Inch  
 Volume 8,247 M Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size Wood Conductor		15'9"	Kind of Packer _____
16			
13			
10		600'	Size of _____
<del>8 7/8</del> 7"		1600'	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	3			
Sand			3	30			
Slate			30	50			
Coal			50	52			
Slate			52	60			
Gritty Lime			60	192			
Coal			192	195	Water 192'	1 bailer in 3 hours	} Cont.
Slate			195	260			
Broken Sand			260	305			
Slate			305	350			
Coal			350	353			
Slate & shells			353	375			
Sand			375	405			
Slate & shells			405	445			
Sand			445	490			
Slate			490	545			
Sand			545	600			
Slate			600	685			
Broken Sand			685	700			
Slate & shells			700	980	Show gas 1025'		} Cont.
Salt Sand			980	1162	Hole full water 1090'		
					Show gas 1025'		} Cont.
					Hole full water 1025'		
Slate			1162	1177			} Cont.
Sand			1177	1230			
Lime			1230	1255			} Cont.
Slate & shells			1255	1340	Hole reduced from 10" to 8 1/4" at 1304'		
Hard Sand			1340	1425			} Cont.
Red Rock			1425	1430			
Slate & shells			1430	1485			} Cont.
Red Rock			1485	1500			
Slate			1500	1530			} Cont.
Slate & shells			1530	1567			
Little Lime			1567	1582			} Cont.
Pencil Cave			1582	1585			
Big Lime			1585	1685	Big Lime gas 1673-1685	26/10 Merc.	} Cont.
Total depth			1685' SLM		7" 20# 18,247 M		



RECEIVED  
Office of Oil and Gas

DEC 22 2021

WV Department of Environmental Protection

12/31/2021

4705900266P

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
					Not shot		
					FINAL OPEN FLOW - 8,247 M - Big Lime		
					Shut in 9-25-51 in 7" casing.		

RECEIVED  
Office of Oil and Gas  
DEC 22 2021  
WV Department of  
Environmental Protection

Date January 14, \_\_\_\_\_, 19 52

APPROVED United Fuel Gas Company \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title) 12/31/2021  
Mgr. Civil Eng. Dept.

WW-4A  
Revised 6-07

1) Date: December 15, 2021

2) Operator's Well Number  
41

3) API Well No.: 47 - 059 - 00266

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

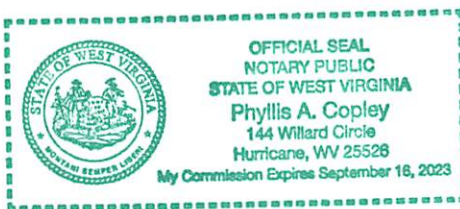
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>First Century Bank, Inc.</u>	Name <u>None</u>
Address <u>C/O Summit Community Bank, P.O. Box 179</u> <u>Moorefield, WV 26836</u>	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>First Century Bank, Inc.</u>
	Address <u>C/O Summit Community Bank, P.O. Box 179</u> <u>Moorefield, WV 26836</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>No Declaration</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	_____

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (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  
By: [Signature] Jeff Mast  
Its: Director Production  
Address 414 Summers Strret  
Charleston, WV 25301  
Telephone 304-543-6988

Subscribed and sworn before me this 15<sup>th</sup> day of December  
Phyllis A. Copley Notary Public  
My Commission Expires September 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](mailto:depprivacyoffier@wv.gov).

RECEIVED  
Office of Oil and Gas

DEC 17 2021

12/31/2021  
WV Department of Environmental Protection

4705900266P  
 41 (806782)  
 47-059-00266

7017 1450 0002 3854 1051

U.S. Postal Service™ <b>CERTIFIED MAIL® RECEIPT</b> <i>Domestic Mail Only</i>	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
<b>OFFICIAL USE</b>	
Moorefield, WV 26836	
Certified Mail Fee	\$3.75
\$	\$3.05
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.56
\$	
Total Price	\$6.36
\$	
Sent To	41 (806782)
Street	First Century Bank, Inc.
City, State	C/O Summit Community Bank
	P.O. Box 179
	Moorefield, WV 26836
PS Form	Instructions

0523  
 03  
 Postmark  
 Here  
 12/15/2021

RECEIVED  
 Office of Oil and Gas  
 DEC 17 2021  
 WV Department of  
 Environmental Protection

12/31/2021



4705900266P

WW-9  
(5/16)

API Number 47 - 059 - 00266  
Operator's Well No. 41

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) Anderson Branch Quadrangle Naugaluck

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: Produced 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 a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number Twin Branch 42D04701511002 )
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be 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 offsite, etc. 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

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.

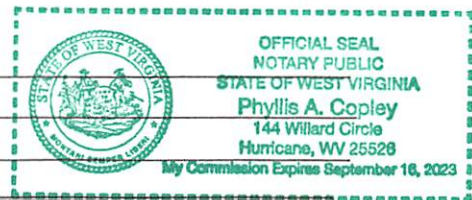
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 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 [Signature]

Company Official (Typed Name) Jeff Mast

Company Official Title Director Production



Subscribed and sworn before me this 15<sup>th</sup> day of December, 2021

Phyllis A. Copley

Notary Public

My commission expires September 16, 2023

RECEIVED  
Office of Oil and Gas

DEC 17 2021

WV Department of  
Environmental Protection

12/31/2021

Proposed Revegetation Treatment: Acres Disturbed 1 +/- Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.05

Fertilizer type \_\_\_\_\_ 10-20-20 or equivalent

Fertilizer amount \_\_\_\_\_ lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Inspect Oil & Gas

Date: 12-20-21

Field Reviewed? (  ) Yes (  ) No

RECEIVED  
Office of Oil and Gas

DEC 22 2021

WV Department of  
Environmental Protection



Diversified Gas & Oil  
Corporation  
100 Diversified Way  
Pikeville KY, 41051

47-059-00266

Plugging Map

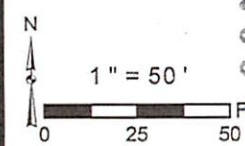
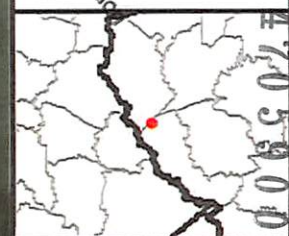
### Legend

- Well
- Access Road
- Pits
- Pad
- Public Roads

Well No.: 47-059-00266  
UTM83-17, Meters  
North: 382680.99  
East: 4196504.91  
Elev.: 368.7 M  
Elev.: 1209.33 Ft

Primary Pit  
Secondary Pit

RECEIVED  
Office of Oil and Gas  
BECOM  
2017 8/22  
205 bbl  
Environmental Protection



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

4705900266P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-059-00266 WELL NO.: 41

FARM NAME: Henry Closterman

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Mingo DISTRICT: Harvey

QUADRANGLE: Naugatuck

SURFACE OWNER: First Century Bank, Inc. c/o Summit Community Bank

ROYALTY OWNER: Diversified Production LLC

UTM GPS NORTHING: 4196504.91

UTM GPS EASTING: 382680.99 GPS ELEVATION: 1209.33

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:  
Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

- 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.

Signature [Signature]

Director Production  
Title

12/15/21  
Date

RECEIVED  
Office of Oil and Gas

DEC 22 2021

WV Department of  
Environmental Protection

12/31/2021



Stansberry, Wade A <wade.a.stansberry@wv.gov>

---

## Plugging Vertical Well Work Permit Diversified

1 message

---

**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Mon, Dec 27, 2021 at 9:21 AM

To: "Mast, Jeff" <jmast@dgoc.com>, "Urban, Terry W" <terry.w.urban@wv.gov>, Ramona Mahon <rmahon@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) numbers:

**47-059-00266**

These will serve as your copy.

Thank you,

**Wade A. Stansberry**

**Environmental Resource Specialist 3**

**West Virginia Department of Environmental Protection**

**Office of Oil & Gas**

**601 57th St. SE**

**Charleston, WV 25304**


**(304) 926-0499 ext. 41115**

**(304) 926-0452 fax**

**[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)**

---

### 2 attachments

 **47-059-00266 - Copy.pdf**  
2819K

 **IR-8 Blank.pdf**  
195K

12/31/2021