



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

Friday, December 2, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

MONUMENT OIL & GAS, LLC
929 CHARLESTON RD.

SPENCER, WV 25276

Re: Permit approval for BERWIND 2
47-019-00155-00-00

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: BERWIND 2
Farm Name: US NAT'L. PARK SERVICE
U.S. WELL NUMBER: 47-019-00155-00-00
Vertical Plugging
Date Issued: 12/02/2022

Promoting a healthy environment.

12/02/2022

PERMIT CONDITIONS

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

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

4701900155 P

WW-4B
Rev. 2/01

1) Date _____, 20____
2) Operator's
Well No. Berwind #2
3) API Well No. 47-010

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 ____ or Underground storage ____) Deep ____ / Shallow X

5) Location: Elevation 1811.29 Watershed House Creek
District Fayetteville County Fayette Quadrangle Fayetteville

6) Well Operator Monument Oil & Gas, LLC 7) Designated Agent J. Scott Freshwater
Address 929 Charleston Road Address 929 Charleston Road
Spencer, WV 25276 Spencer, WV 25276

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Gary Kennedy Name Next LVL Energy
Address 66 Old Church Lane Address 414 Summers St.
Pipestem, WV 25979 Charleston, WV 25301

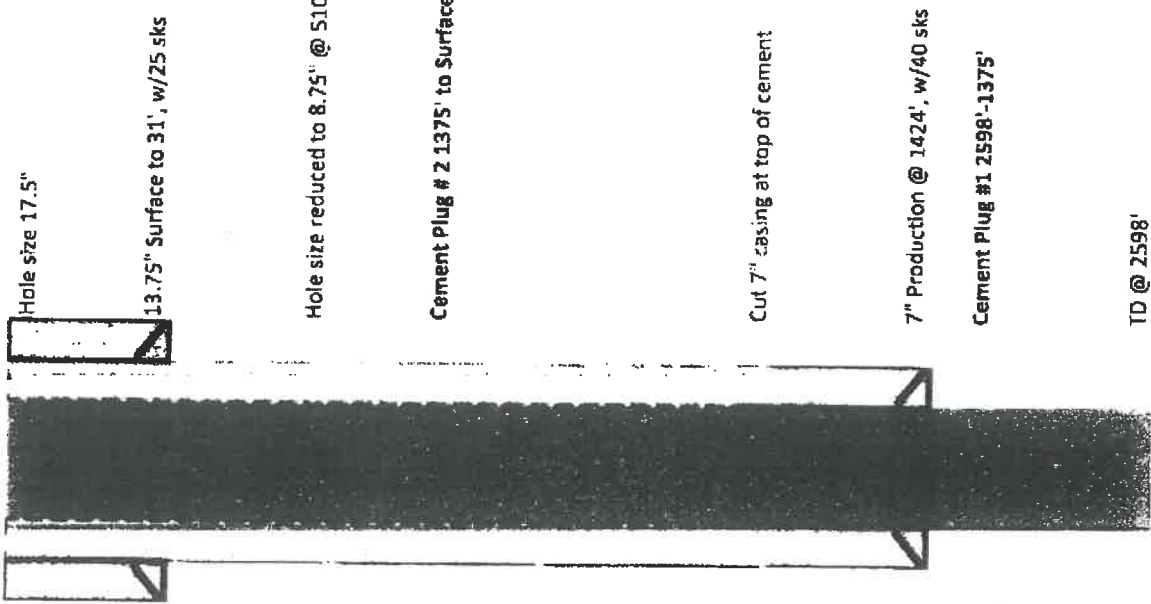
10) Work Order: The work order for the manner of plugging this well is as follows:
See attached.

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Office of Oil and Gas
OCT 17 2022
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 *Gary Kennedy* Date 10/12/2022

12/02/2022



API No 47-019-00155
 Farm U.S. National Park Service
 Well # Berwind #2
 County Fayette
 State WV

13.75" Surface to 31', w/25 sks

Hole size reduced to 8.75" @ 510'

Cement Plug # 2 1375' to Surface

Cut 7" casing at top of cement

7" Production @ 1424', w/40 sks

Cement Plug #1 2598-1375'

TD @ 2598'

PLUGGING PROCEDURE

- 1 Notify WV DEP 48 hours prior to commencement of operations.
- 2 Call WV811, 2 days prior to commencement of operations
- 3 Erect containment and necessary erosion control devices *Check & Record Rock Pressure's.*
- 4 MIRU service rig & equipment
- 5 Pull tubing & packer
- 6 Trip in hole with cement string *626cl between plugs.*
- 7 Move in & rig up cement trucks, Cement Plug #1 from 2598' to 1375'
- 8 Move in & Rig up Wireline truck, Freeport 7", Cut at Top of Cement *~ 1100'*
- 9 Pull & recover 7" casing *PLM*
- 10 Trip in hole with cement string
- 11 Move in & rig up cement trucks, Cement Plug #2 from 1375' to Surface
- 12 Set Well Monument *PER WV STATE CODE.*
- 13 Rig down equipment move off
- 14 Reclaim site
- 15 Remove erosion control devices

** MUST USE EXPANDING GUN CEMENT ON Plug # 2.*

WILL HAVE OPEN COAL FROM 353' - 369'

269 - 267

Blk

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Fayetteville

WELL RECORD

Permit No. FAY-155

Oil or Gas Well Gas

Company BERWIND-WHITE COAL MINING COMPANY
 Address 5th Floor, Nelson Building, Charleston, W. Va.
 Farm Fee Acreage Charleston, W. Va.
 Location (waters) House Creek 33.12 acres Size
 Well No. 2 Elev. 1811.29
 District Fayetteville County Fayette
 The su. of tract is owned in fee by Berwind-White Coal Mining Co. Address: (Above)
 Mineral rights are owned by Berwind-White Coal Mining Co. Address:
 Drilling commenced March 2, 1965
 Drilling completed March 18, 1965
 Date Shot From To
 With
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume 25,000 Cu. Ft.
 Rock Pressure 600 lbs. 72 hrs.
 Oil bbls. at 24 hrs.
 WELL ACIDIZED
 WELL FRACTURED

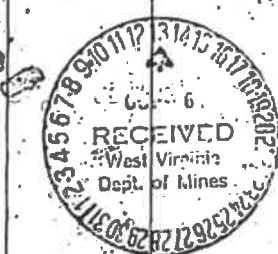
Casing and Tubing	Used in Drilling	Left in Well	Packers
			Kind of Packer
			Size of
			Depth set
			Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom
Mud Circulated Behind <u>7"</u> casing			
CASING CEMENTED <u>7"</u> SIZE <u>300</u> No. Ft. <u>3/14/65</u> Date			
GOAL WAS ENCOUNTERED AT <u>269</u> FEET <u>36</u> INCHES			
<u>808</u> FEET <u>48</u> INCHES <u>349</u> FEET <u>48</u> INCHES			
<u>812</u> FEET <u> </u> INCHES <u>353</u> FEET <u> </u> INCHES			

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand and Red Rock	Red	Hard	0	2			
Sand	Red	Hard	2	10			
Red Rock	Red	Soft	10	17			
Sand	Grey	Hard	17	31			
Sand	Grey	Hard	31	43			
Sand	Grey	Hard	43	98			
Sand and Shale	Grey	Hard	98	110			
Shale and Sand	Grey	Hard	110	123			
Sand	Grey	Hard	123	143			
Sand	Grey	Hard	143	225			
Shale	Dk. Grey	Soft	225	267			
Coal	Black	Soft	267	269			
Shale	Grey	Soft	269	300			
Sand	Grey	Hard	300	338			
Sand and Shale	Grey	Hard	338	349			
Coal	Black	Soft	349	383			
Shale	Grey	Soft	383	393			
Sand	Grey	Hard	393	417			
Sand and Shale	Grey	Hard	417	429			
Sand	Grey	Hard	429	455			
Sand and Shale	Grey	Hard	455	495			
Shale	Grey	Soft	495	510			
Sand and Shale	Grey	Hard	510	579			
Sand	Grey	Hard	579	650			
Shale	Grey	Soft	650	698			
Sand	Grey	Hard	698	742			
Shale	Grey	Soft	742	760			
Sand and Shale	Grey	Soft	760	808			
Coal	Black	Soft	808	812			
			812	842			



(Reduced to 8-3/4" hole at 510')

(OVER)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Grey	Soft	812	845			
Sand	Grey	Hard	845	905			
Sand and Shale	Grey	Hard	905	930			
Sand	Grey	Hard	930	1000			
Sand and Shale	Grey	Medium	1000	1108			
Shale	Grey	Soft	1108	1279			
Sand	Grey	Hard	1279	1299			
Sand and Shale	Grey	Medium	1299	1332			
Sand	Grey	Hard	1332	1409			
Red Rock	Red	Soft	1409	1440			
Red Rock and Sand	Red	Med.	1440	1470			
Red Rock and Shale	Red	Soft	1470	1598			
Shale	Lt. Red	Soft	1598	1646			
Sand	Grey	Hard	1646	1748			
Red Rock and Shale	Red	Soft	1748	1771			
Shale and Lime	Grey	Hard	1771	1905			
Shale	Grey	Soft	1905	1940			
Sand and Shale	Grey	Medium	1940	1998			
Sandy Shale	Grey	Medium	1998	2015			
Shale	Grey	Soft	2015	2065			
Lime	White	Hard	2065	2365	Gas - 25 MCF		
Red Sand and Lime	Red	Hard	2365	2385			
Red Rock and Shale	Red	Soft	2385	2390			
Sand and Shale	Red	Medium	2390	2457			
Sand (Weir)	Grey	Medium	2457	2471			
Shale	Grey	Soft	2471	2490			
Sand and Shale	Grey	Medium	2490	2598			
Total Depth			0	2598			

DATE OF DEPOSIT October 5, 1965
 APPROVED The Berwind-White Coal Mining Co.
 By Jack H. Hamilton
 Vice President

4701900155

00-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

INSPECTOR'S WELL REPORT

Permit No. FAY-155

Oil or Gas Well
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>The Burwind-White Coal Mining Co</u>				
<u>Charleston, W.Va</u>				
<u>New River Pocahontas Consolidated Coal</u>		<u>8'</u>		Kind of Packer
<u>2</u>				Size of
<u>Fayetteville</u> County <u>Fayette</u>		<u>1410'</u>		Depth set
<u>3/9/65</u>				Perf. top
<u>5 3/16</u>				Perf. bottom
<u>3</u>				Perf. top
<u>2</u>				Perf. bottom
<u>Liners Used</u>				Perf. top
				Perf. bottom

Volume _____ Cu. Ft. CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

Rock pressure _____ lbs. _____ hrs. NAME OF SERVICE COMPANY _____

Oil _____ bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT 267 FEET 24 INCHES

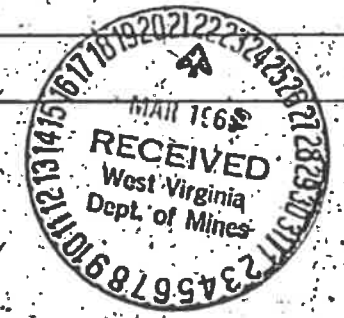
Fresh water 96 feet _____ feet 349 FEET 48 INCHES 308 FEET 48 INCHES

Salt water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Lohmann Johnson

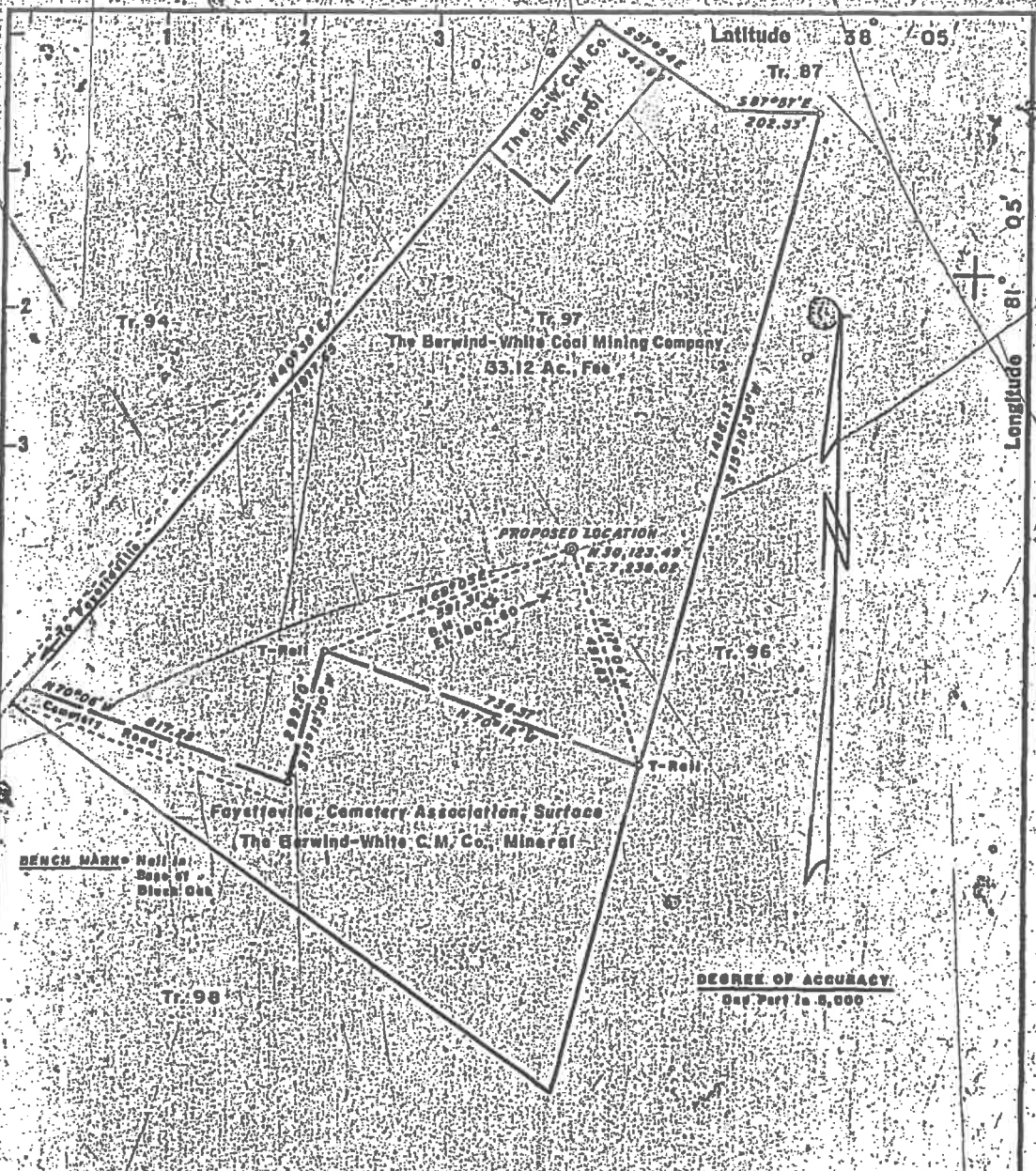
Remarks: Drilling 1521'

8/15/65
DATE



Olin Jones
DISTRICT WELL INSPECTOR

12/02/2022



I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

D. T. Stumpf

New Location
 Drill Deeper
 Abandonment

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 Office of Oil and Gas

OCT 17 2022

WV Department of
 Environmental Protection

Company THE BERWIND-WHITE COAL MINING COMPANY (New River And Pocahontas Consolidated Coal Co. Div.)	
Address <u>Charleston, W. Va.</u>	
Tract <u>97</u>	Acres <u>33.12 (Fee Portion)</u>
Well (Farm) No. <u>2</u>	Serial No. <u>1811.29</u>
Elevation (Spirit Level) <u>1811.29</u>	
Quadrangle <u>Fayetteville</u>	
County <u>Fayette</u>	District <u>Fayetteville</u>
Engineer <u>D. T. Stumpf</u>	
Engineer's Registration No. <u>2815 - W. Va.</u>	
File No. <u>4-1-88</u>	Drawing No. <u></u>
Date <u>February 17, 1965</u> Scale <u>1" = 300'</u>	

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. FAY-155

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

12/02/2022

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
Berwind #2 _____

3) API Well No.: 47 - 019 - 00155

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

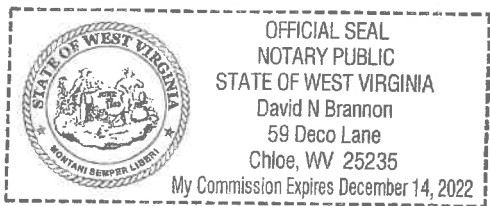
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>United States Dept. of Interior-NPS</u>	Name _____
Address <u>New River Gorge National Park & Preserve</u>	Address _____
<u>104 Main St.</u>	
(b) Name <u>Glen Jean, WV 25846</u>	(b) Coal Owner(s) with Declaration
Address _____	Name <u>same as surface</u>
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Lane</u>	Name _____
<u>Pipestem, WV 25979</u>	Address _____
Telephone <u>304-382-8402</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 <u>Monument Oil & Gas, LLC</u>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> RECEIVED Office of Oil and Gas OCT 17 2022 WV Department of Environmental Protection </div>
By: <u>[Signature]</u>	
Its: <u>Managing Member</u>	
Address <u>929 Charleston Road</u>	
Telephone <u>304-927-5033</u>	

Subscribed and sworn before me this 6th day of October 2022
David N. Brannon Notary Public
 My Commission Expires December 14, 2022

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.

10/14/2022

4701900155P

939 Charleston Road
Spencer, WV 25876

CERTIFIED MAIL



7021 2720 0001 2947 8134

United States Dept. of Interior - NPS
New River Gorge National Park
+ Preserve
104 Main Street
Glen Jean, WV 25846

FIRST-CLASS



US POSTAGE
ZIP 25276
02 7H
0001312240
\$ 009.170
OCT 14 2022



7021 2720 0001 2947 8134

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

OFFICIAL USE

For delivery information, visit our website at www.usps.com

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postmark
Here

Total Postage and Fees

Sent to US Dept. of Interior NPS - New River Gorge
Street and Apt. No. & PO Box No. 104 Main Street
City, State, ZIP+4® Glen Jean, WV 25846

PS Form 3800, April 2013 PSN 7530-02-000-9047 See Reverse for Instructions

12/02/2022

4701900155P

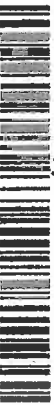
SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

US Dept of Interior: NPS
 New River Gorge National Park

Preserve
 104 Main Street
 Glen Jean, WV 25846



9590 9402 6968 1225 8233 18

2. Article Number (Transfer from service label)

7021 2720 0001 2947 8134

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Rebecca A Gray* Agent
 B. Received by (Printed Name) *Rebecca A. Gray* Addressee
 C. Date of Delivery *17 Oct 22*

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Mail Restricted Delivery
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

Domestic Return Receipt

12/02/2022

SURFACE OWNER WAIVER

Operator's Well
Number

Berwind #2

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.

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 of 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..."

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Office of Oil and Gas
OCT 17 2022
WV Department of
Environmental Protection

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 the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature _____ Date **12/02/2022**

WW-4B

API No. 47-019=00155
Farm Name US National Ports Service
Well No. Berwind #2

**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 than 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 _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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Office of Oil and Gas
OCT 17 2022
WV Department of
Environmental Protection

12/02/2022

-4701900155P

West Virginia Oil and Gas Wells (WVOG)

Take Survey "Pipeline" "Pipeline-Plus"

Find address or place

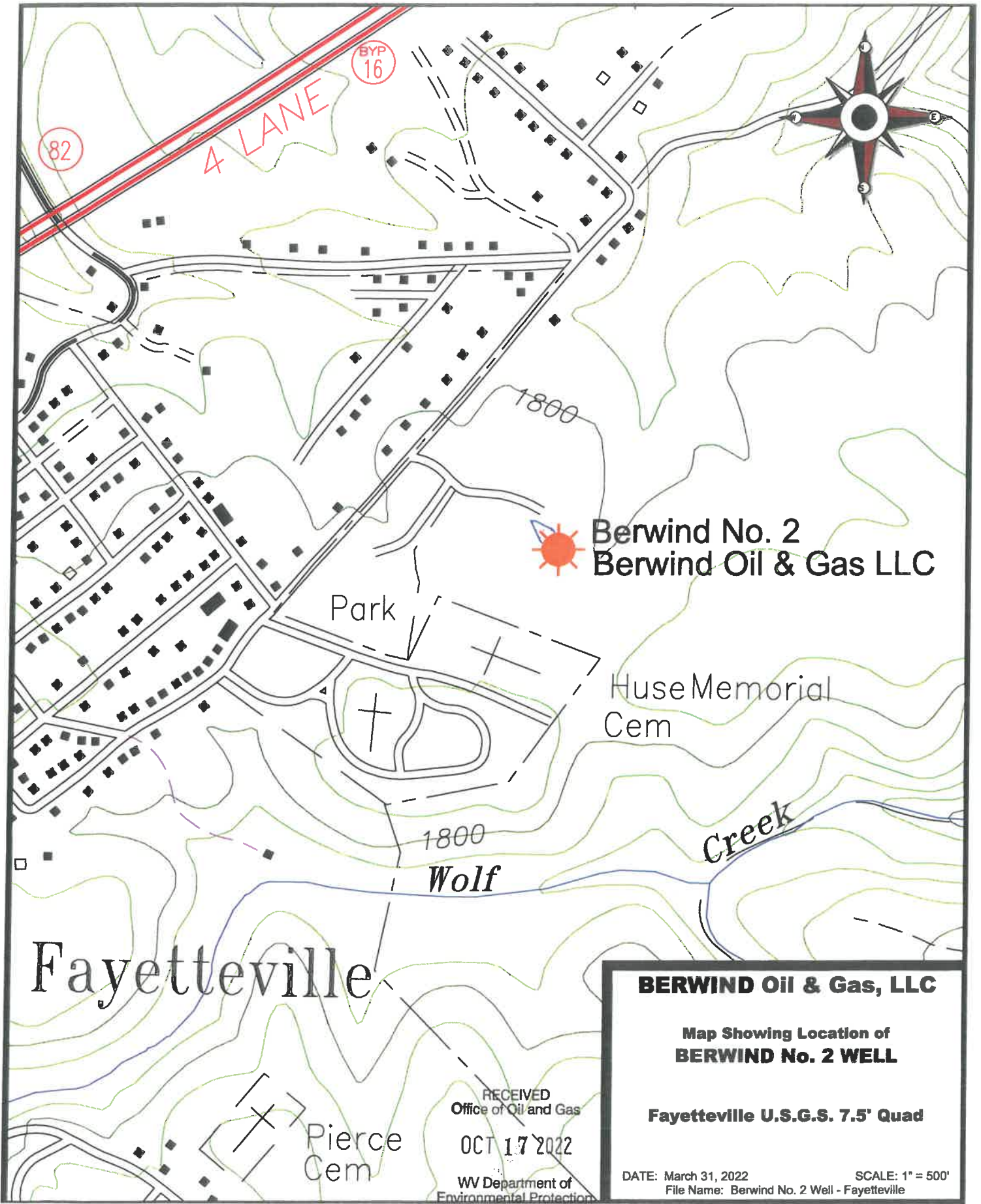


12/02/2022

4701900155



12/02/2022



BERWIND Oil & Gas, LLC

**Map Showing Location of
BERWIND No. 2 WELL**

Fayetteville U.S.G.S. 7.5' Quad

DATE: March 31, 2022 SCALE: 1" = 500'
File Name: Berwind No. 2 Well - Fayetteville

RECEIVED
Office of Oil and Gas
OCT 17 2022
WV Department of
Environmental Protection

4701900155 P

WW-9
(5/16)

API Number 47 - 019 00155
Operator's Well No. Berwind #2

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

Operator Name Monument Oil & Gas, LLC OP Code 494527461

Watershed (HUC 10) House Creek Quadrangle Fayetteville

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

ANY WELL EFFLUENT MUST BE CONTAINED
IN TANKS AND DISPOSED OFF-SITE

If so, please describe anticipated pit waste: _____

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 _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain MUST BE DISPOSED OFF-SITE TO AN APPROVED FACILITY.)

JWM

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.

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) _____

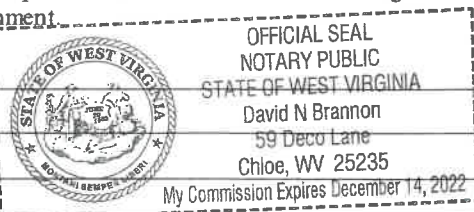
-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for 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) J. Scott Freshwater
Company Official Title Managing Member



Subscribed and sworn before me this 6th day of October, 2022
David N. Brannon Notary Public

My commission expires December 14, 2022

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Form WW-9

Operator's Well No. B...

Proposed Revegetation Treatment: Acres Disturbed .25 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20 or similar

Fertilizer amount 500 lbs/acre

Mulch Hay 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Ladino Clover	5
Red Top Clover	15	KY 31	40

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: Inspector

Date: 10/12/2022

Field Reviewed? Yes No

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WW-7
8-30-06



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

API: 47-019-00155 WELL NO.: Berwind No. 2
FARM NAME: U. S. National Park Service
RESPONSIBLE PARTY NAME: Berwind Oil & Gas LLC
COUNTY: Fayette DISTRICT: Fayetteville
QUADRANGLE: Fayetteville
SURFACE OWNER: U. S. National Park Service
ROYALTY OWNER: Berwind Land Company
UTM GPS NORTHING: 4,212,147.09 (1820')
UTM GPS EASTING: 491,989.00 GPS ELEVATION: 555.038

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~~ ^{South} Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- 2. Accuracy to Datum – 3.05 meters
- 3. Data Collection Method:

Survey grade GPS X: Post Processed Differential _____

Real-Time Differential X

Mapping Grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

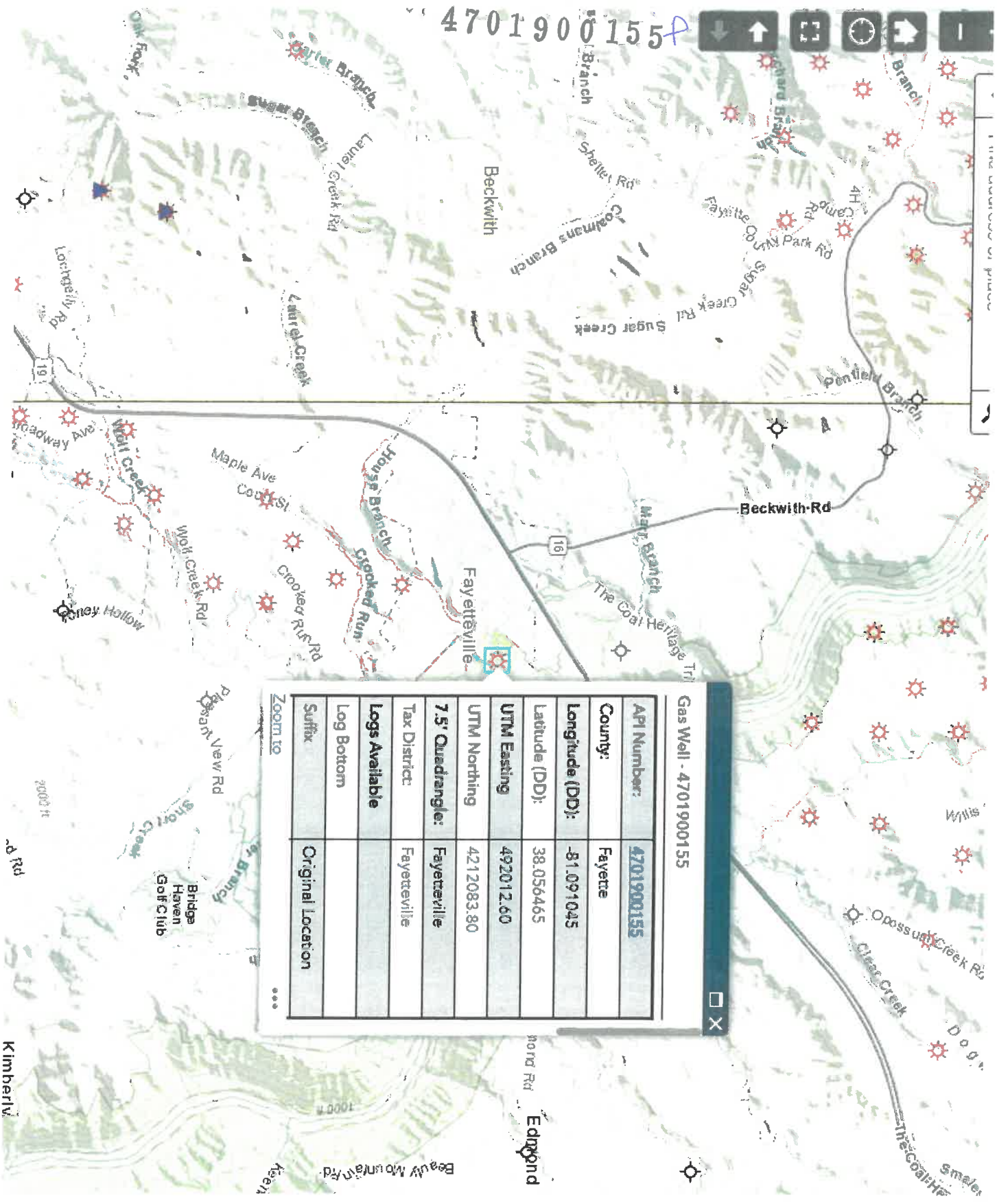
- 4. Letter size copy of the topography map showing the well location.

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.

Ly Dye Land Manager 10/5/22
Signature Title Date

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4701900155



Gas Well - 4701900155

API Number:	4701900155
County:	Fayette
Longitude (DD):	-81.091045
Latitude (DD):	38.056465
UTM Easting	492012.60
UTM Northing	4212083.80
7.5' Quadrangle:	Fayetteville
Tax District:	Fayetteville
Logs Available	
Log Bottom	
Suffix	Original Location

Zoom to ...

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Environmental Protection

12/02/2022



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

Plugging Vertical Well Work Permit (API: 47-019-00155)

1 message

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

Fri, Dec 2, 2022 at 12:30 PM

To: Doug Douglass <ddouglass@reserveoilandgas.com>, EYOUNG1@wvassessor.com, Terry Urban <terry.w.urban@wv.gov>, Jeffrey McLaughlin <jjeffrey.w.mclaughlin@wv.gov>, James P Kennedy <james.p.kennedy@wv.gov>

Corrected Subject line. It is not a Coal Bed Methane well.



I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

47-019-00155 - BERWIND 2

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

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**

2 attachments **47-019-00155 - Copy.pdf**
2352K **19-00155 IR-8.pdf**
249K**12/02/2022**