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west virginia department of environmental protection

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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)

Friday, March 19, 2021  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC.  
RT. 5, BOX 29

BUCKHANNON, WV 262010000

Re: Permit approval for 5  
47-021-01392-00-00

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.

A handwritten signature in blue ink, appearing to read "James A. Martin", is positioned above the printed name and title.

James A. Martin  
Chief

Operator's Well Number: 5  
Farm Name: WILCOX, ICY  
U.S. WELL NUMBER: 47-021-01392-00-00  
Vertical Plugging  
Date Issued: 3/19/2021

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4702101392P

## 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

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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. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

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WW-4B  
Rev. 2/01

1) Date February 25, 2021  
2) Operator's  
Well No. Icy Wilcox #5  
3) API Well No. 47-021 - 01392

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 949' Watershed Fink Creek  
District Troy County Gilmer Quadrangle Vadis

6) Well Operator Ross & Wharton Gas Co. Inc. 7) Designated Agent Mike Ross  
Address 354 Morton Ave. Address P.O. Box 219  
Buckhannon, WV 26201 Coalton, WV 26257

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name ~~Danny Mullins~~ Derick Hight Name N/A  
Address ~~220 Jack Acres Rd.~~ PO Box 85 Address \_\_\_\_\_  
Buckhannon, WV 26201 Smithville, WV 26178

10) Work Order: The work order for the manner of plugging this well is as follows:  
Free point and recover casing's & tubular's 6% Gel between plug's  
Set cement plug 1700' to TD (1921') 100' above top perf TRY TO CUT & REMOVE 7"  
Set 100' cement plug across casing cut  
Set cement plug 800' to 950' ( 8" casing plug, salt bearing strata)(elevation plug)  
Set cement plug 450' to 550' salt water show  
Set cement plug 250' to 350' (10" casing) ( freshwater protection plug)  
Set surface plug 100' to 0', Tag plug's as necessary, Set monument with API number

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

WV Department of  
Environmental Protection

Work order approved by inspector [Signature] Date 3-11-21

03/19/2021



4702101392P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 9

Quadrangle Vadis SW-1/4

Permit No. GIL-1392

**WELL RECORD**

Oil or Gas Well Oil  
(KIND)

Company William C. Hurtt  
Address 2610 Grant Bldg. Pgh. 19, Pa.  
Farm Icy Wilcox Acres 60  
Location (waters) Fink Creek  
Well No. 5 Elev. 949  
District Troy County Gilmer  
The surface of tract is owned in fee by Icy Wilcox heirs  
Doy Talbott, Adm. Address Vadis, W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced 5/14/62  
Drilling completed 6/14/62  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Show \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil Show \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED Yes - Dowell Oil Frac.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
18			
18			
10	308	308	Size of
8 3/4	808		
7 7/8	1769	1769	Depth set
5 3/16	1918	1918	
3			Perf. top <u>1835</u>
2	1883		Perf. bottom <u>1836</u>
Liners Used			Perf. top <u>1863</u>
			Perf. bottom <u>1865</u>

CASING CEMENTED 5 1/2 SIZE 224# No. Ft. 6/12/62 Date  
18 sks. cement, 10 sks. Aquagel, 15 gal.  
Latex - Lawson  
COAL WAS ENCOUNTERED AT 220 FEET 36 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 200 bbl. - 24 hrs.  
ROCK PRESSURE AFTER TREATMENT 425# - 24 hrs.  
Fresh Water \_\_\_\_\_ Feet Salt Water 505 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mud			0	35			
Red Rock			35	40			
Sand			40	50			
Slate			50	75			
Sand			75	100			
Sandy Lime			100	111			
Red Rock			111	137			
Lime			137	150			
Slate			150	182			
Red Rock			182	200			
Slate			200	220			
Black Coal			220	223			
Slate			223	240			
Sandy Lime			240	300			
Red Rock			300	308			
Sand			308	344			
Red Rock			344	360			
Slate			360	365			
Lime			365	373			
Red Rock			373	440			
Slate			440	484			
Sand			484	520			
Black Shale			520	550			
Red Rock			550	580			
Lime			580	595			
Slate			595	677			



Water at 505  
MAR 15 2021  
WV Department of Environmental Protection

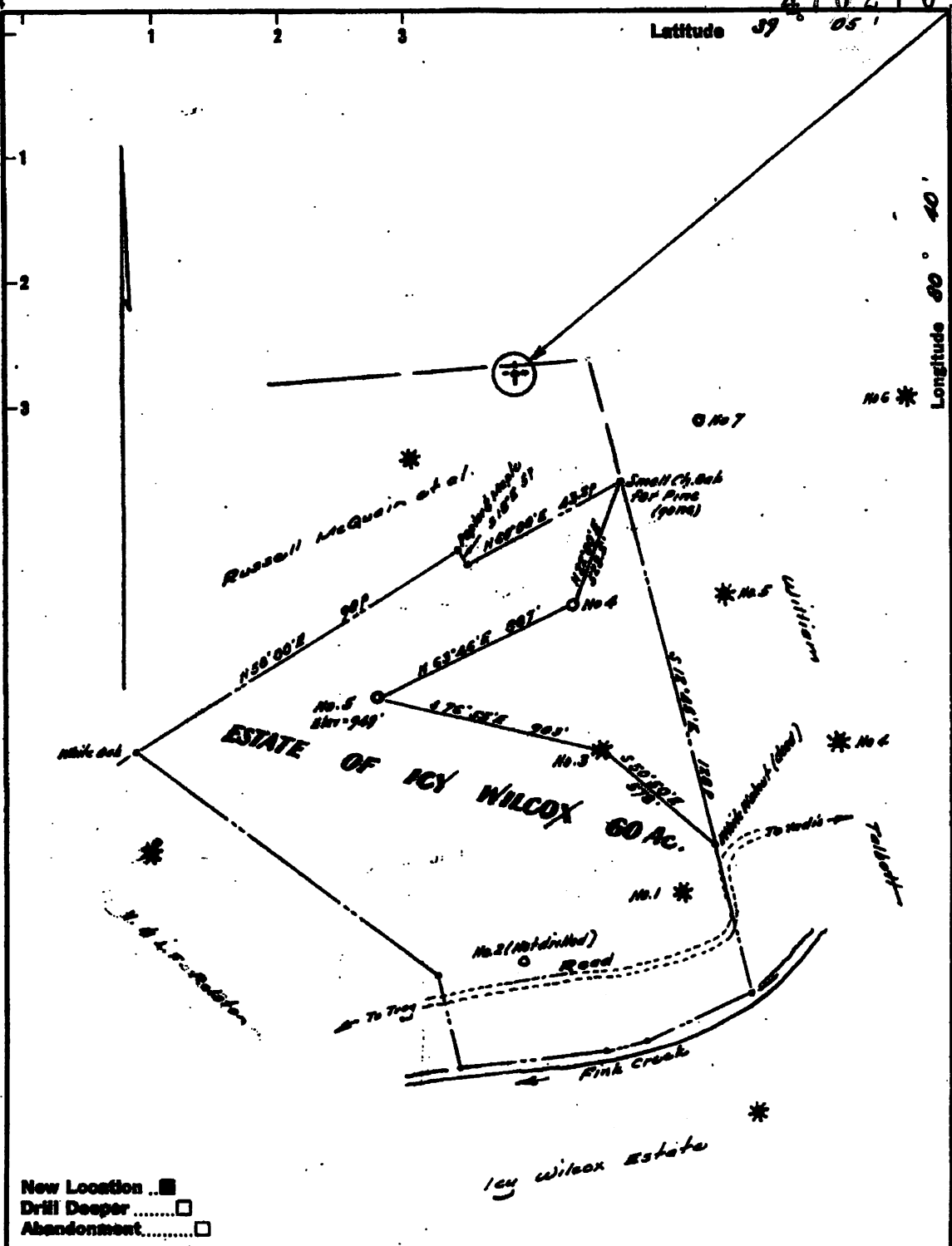
(over)

03/19/2021

Formation	Color	Hard or Soft	Top <i>7</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			677	740			
Slate			740	750			
Lime			750	810			
Sand			810	897			
Slate			897	945			
Sand			945	1044			
Lime			1044	1080			
Sand			1080	1117			
Slate			1112	1180			
Sand			1180	1240			
Slate			1240	1340			
Lime			1340	1355			
Slate			1355	1383			
Sand			1883	1425			
Sand Slate			1425	1448			
Sand			1448	1505			
Slate			1505	1562			
Sand			1562	1590			
Red Rock			1590	1680			
Little Lime			1680	1700			
Sand			1700	1720			
Big Lime			1720	1819			
Big Injun			1819	1876			
Slate			1876				
Total Depth				1921			

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Date July 12, 1962 19  
APPROVED [Signature] Owner  
By \_\_\_\_\_ (Title)



New Location   
 Drill Deeper   
 Abandonment

Company William G. Hurt  
 Address 1801 Grant Bldg., Pittsburgh, Penna  
 Farm Estate of Igy Wilcox  
 Tract \_\_\_\_\_ Acres 60 Lease No. \_\_\_\_\_  
 Well (Farm) No. Fume Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 947  
 Quadrangle Vadis  
 County Allegheny District Tray  
 Engineer W. H. T. Sp.  
 Engineer's Registration No. 1287  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date March 1952 Scale 1" = 50 p.

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

WELL LOCATION **NEEDED**  
 FILE NO. GIL - 1992

+ 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.

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WW-4A  
Revised 6-07

1) Date: February 25, 2021  
2) Operator's Well Number  
Icy Wilcox #5

3) API Well No.: 47 - 021 - 01392

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

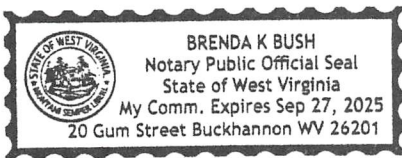
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Mike Ross Inc. &amp; I.L. Morris</u>	Name <u>N/A</u>
Address <u>c/o Mike Ross Inc. &amp; WACO Oil</u>	Address _____
<u>P.O. Box 219, Coalton, WV 26257</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Danny Mullins</u> <u>Derek Hought</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Aeres Rd.</u> <u>PO Box 85</u>	Name <u>N/A</u>
<u>Buckhannon, WV 26201</u> <u>Smithville Wv</u>	Address _____
Telephone <u>1-304-932-6844</u> <u>704-206-7613</u> <u>26178</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 Ross & Wharton Gas Co. Inc.  
 By: [Signature]  
 Its: President  
 Address 354 Morton Ave.  
Buckhannon, WV 26201  
 Telephone 1-304-472-4289

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MAR 15 2021

Subscribed and sworn before me this 8<sup>th</sup> day of March, 2021.  
[Signature] Notary Public  
 My Commission Expires Sept. 27, 2025

WV Department of  
Environmental Protection

**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).

03/19/2021

**SURFACE OWNER WAIVER**

4702101392P

Operator's Well  
Number

47-021-01392 Icy Wilcox #5

**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 57<sup>th</sup> 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 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 the planned work described in these materials. I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,  
MAR 15 2021

Mike Ross  
Signature

Date 03/08/21

Name  
By  
Its

Office of Oil and Gas  
WV Department of  
Environmental Protection

Date

Signature

Date

03/19/2021



4702101392P

WW-9  
(5/16)

API Number 47 - 021 01392  
Operator's Well No. Jay Wilcox #5

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

Operator Name Ross & Wharton Gas Co. Inc. OP Code 306580

Watershed (HUC 10) Fink Creek Quadrangle Vadis

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 BEFORE DISPOSING OFF SITE. gwm

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 \_\_\_\_\_)

Dmit  
3-11-21

Will closed loop system be used? If so, describe: \_\_\_\_\_

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. \_\_\_\_\_

-If left in pit and plan to solidify what medium will be used? (cement, lime, 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 *Mike Ross*  
Company Official (Typed Name) Mike Ross  
Company Official Title President

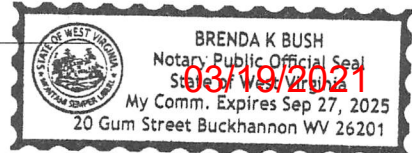
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Office of Oil and Gas  
MAR 15 2021  
WV Department of  
Environmental Protection

Subscribed and sworn before me this 8<sup>th</sup> day of March, 2021

*Brenda K Bush*

Notary Public

My commission expires Sept. 27, 2025



4702101392P

Form WW-9

Operator's Well No. Jay Wilcox #5  
47-021-0139A

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Hay Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

Fescue 30

Fescue 30

Contractor's Mix

Contractor's Mix

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: Oil + Gas Inspector

Date: 3-11-21

Field Reviewed?  Yes  No

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

Operator Name: Ross & Wharton Gas Co. Inc.  
Watershed (HUC 10): Fink Creek Quad: Vadis  
Farm Name: \_\_\_\_\_

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Fink Creek

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

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5. Discuss any existing groundwater quality data for your facility or an adjacent property.

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No material will be used

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

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Signature:

*Tracie Ross*

Date:

March 8, 2021

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-021-01392 WELL NO.: 5

FARM NAME: Icy Wilcox

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Gilmer DISTRICT: Troy

QUADRANGLE: Vadis

SURFACE OWNER: Mike Ross Inc. & I.L. Morris

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4321205.0

UTM GPS EASTING: 523406.3 GPS ELEVATION: 949'

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:

Survey grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_  
Real-Time Differential \_\_\_\_

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.

Mike Ross  
Signature

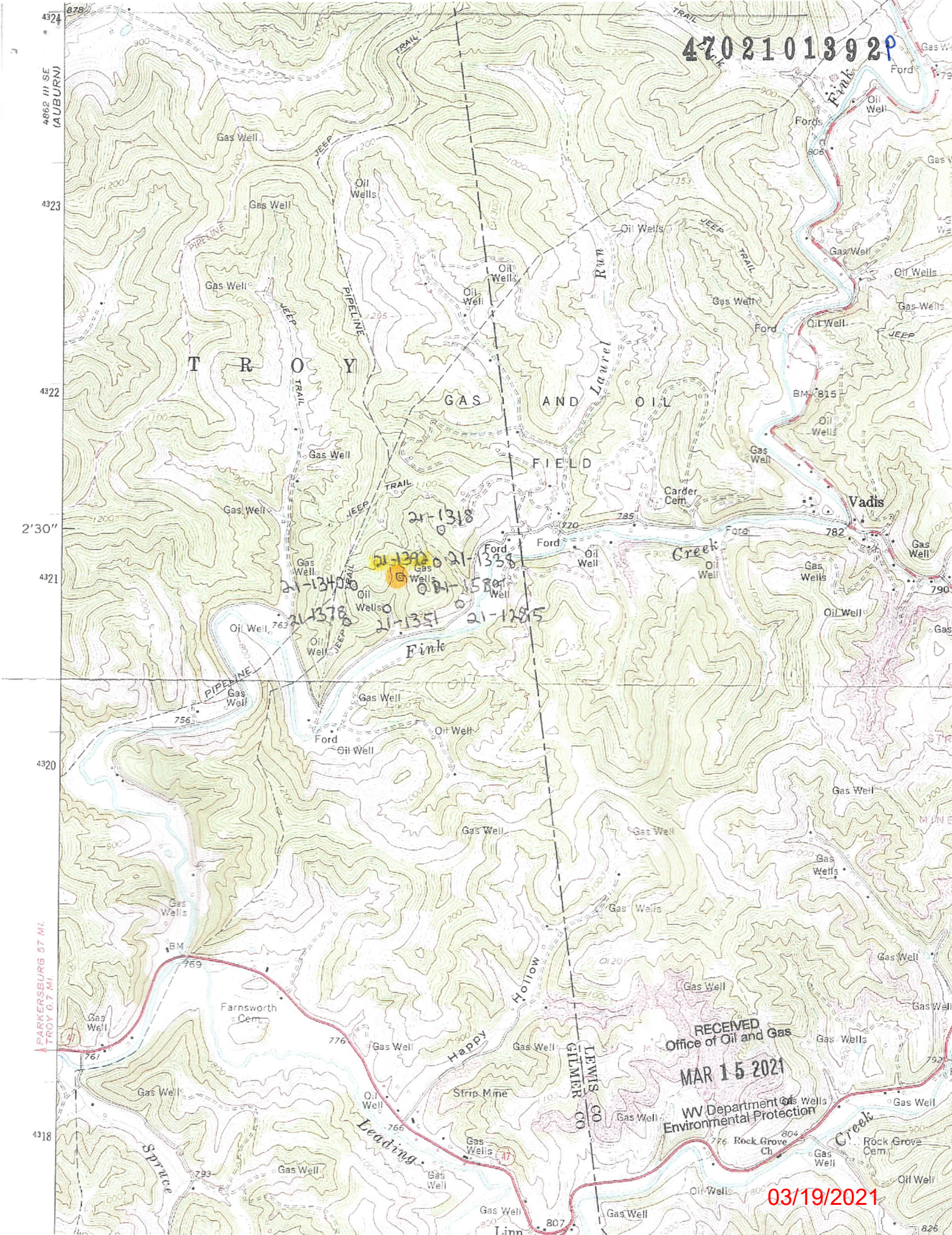
President  
Title

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MAR 15 2021  
WV Department of Environmental Protection  
March 8, 2021  
Date

4702101392P

4324  
4862 III SE (AUBURN)  
4323  
4322  
2'30"  
4321  
4320  
4318

PARKERSBURG 57 MI.  
TROY 0.7 MI.



21-1318  
21-1340  
21-1338  
21-1351  
21-1378  
21-1385

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