



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

Tuesday, May 24, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC.
354 MORTON AVE.
BUCKHANNON, WV 26201

Re: Permit approval for 1
47-097-00044-00-00

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

A blue ink signature of James A. Martin, Chief, is written over the typed name and title.

Operator's Well Number: 1
Farm Name: YOUNG, F. R. & GRACE
U.S. WELL NUMBER: 47-097-00044-00-00
Vertical Plugging
Date Issued: 5/24/2022

Promoting a healthy environment.

05/27/2022

4709700044 P

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.

05/27/2022

4709700044P

WW-4B
Rev. 2/01

1) Date March 28, 2022
2) Operator's
Well No. F.R. Young #1
3) API Well No. 47-09 - 0004

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 1640' Watershed French Creek
District Meade County Upshur Quadrangle Adrain

6) Well Operator Ross & Wharton Gas Co. 7) Designated Agent Mike Ross
Address P.O. Box 219 Address P.O. Box 219
Coalton, WV 26257 Coalton, WV 26257

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name N/A
Address P.O. Box 2327 Address _____
Buckhannon, WV 26201

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 3800' to TD (4023') 100' above top perf
- Set 100' cement plug across casing cut (3" casing)
- Set 100' cement plug 2200' to 2300' (5th Sand)
- Set 250' cement plug 1500' to 1750' (^{GANIZ}Big Injun)(elevation plug)(6" casing plug)
- Set 100' cement plug 700' to 800' (8" casing plug, freshwater protection plug)
- Set surface plug 150' to 0', (10" casing plug) 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.

Work order approved by inspector [Signature] Date 4/29/2022

05/27/2022

WELL RECORD

Permit No. Up-44
quad. (not given)

Gas Well

Company Standard Gas Co.
Address Jane Isw, W. Va.
Farm F. R. & Grace Young
Acres 52
Well No. 1 Elev. 1640'
District Meade, County Upshur
Sur. & Min. F. R. & Grace Young
Address French Ck. W. Va.
Drilling Commenced -
Completed 8/8/36
Fr. Water 120, 232'
Salt " 1758'

CASING		
Size	Used	Left in Well
10	155	
8 1/2	743	
6-5/8	1741	1741
5	4023	4023

Packer set at 3915'



Formation Color	H ₂ S TOP		Base	Result	Formation Color	H ₂ S TOP		Base	Result
	5	TOP				5	TOP		
Little Dunkard		350	300						
Big Dunkard		320	580						
1st Salt Sand		685	760						
2nd Salt Sand		945	1029						
Red Rock		1049	1133						
Lime		1133	1150						
Red Rock		1150	1250						
Little Lime		1270	1320						
Pencil Cave		1320	1532						
Big Lime		1332	1430						
Big Injun		1430	1552						
Squaw Sand		1558	1648						
Gantz		1650	1685						
Red Rock		1685	1687						
Sand		1687	1735						
Sand		1740	1765						
Gordon Strey		2014	2044						
Gordon Sand		2069	2087						
Hard Lime		2120	2207						
Slate & Shells		2207	2287						
Gritty Lime		2287	2346						
Lime		2346	2410						
Slate & Shells		2410	2580						
Gritty Lime		2580	2750						
Slate & Shells		2750	2840						
Lime		2840	2987						
Slate & Shells		2987	3150						
Black Gritty Lime		3150	3275						
Slate & Shells		3275	3585						
Sand		3585	3595						
Slate & Shells		3595	3902						
Benson Sand		3902	3922						
TOTAL DEPTH			4023						

~~313
203
5-3-7~~

Gas 3903-13 ft.



SDaw
4/29/2022

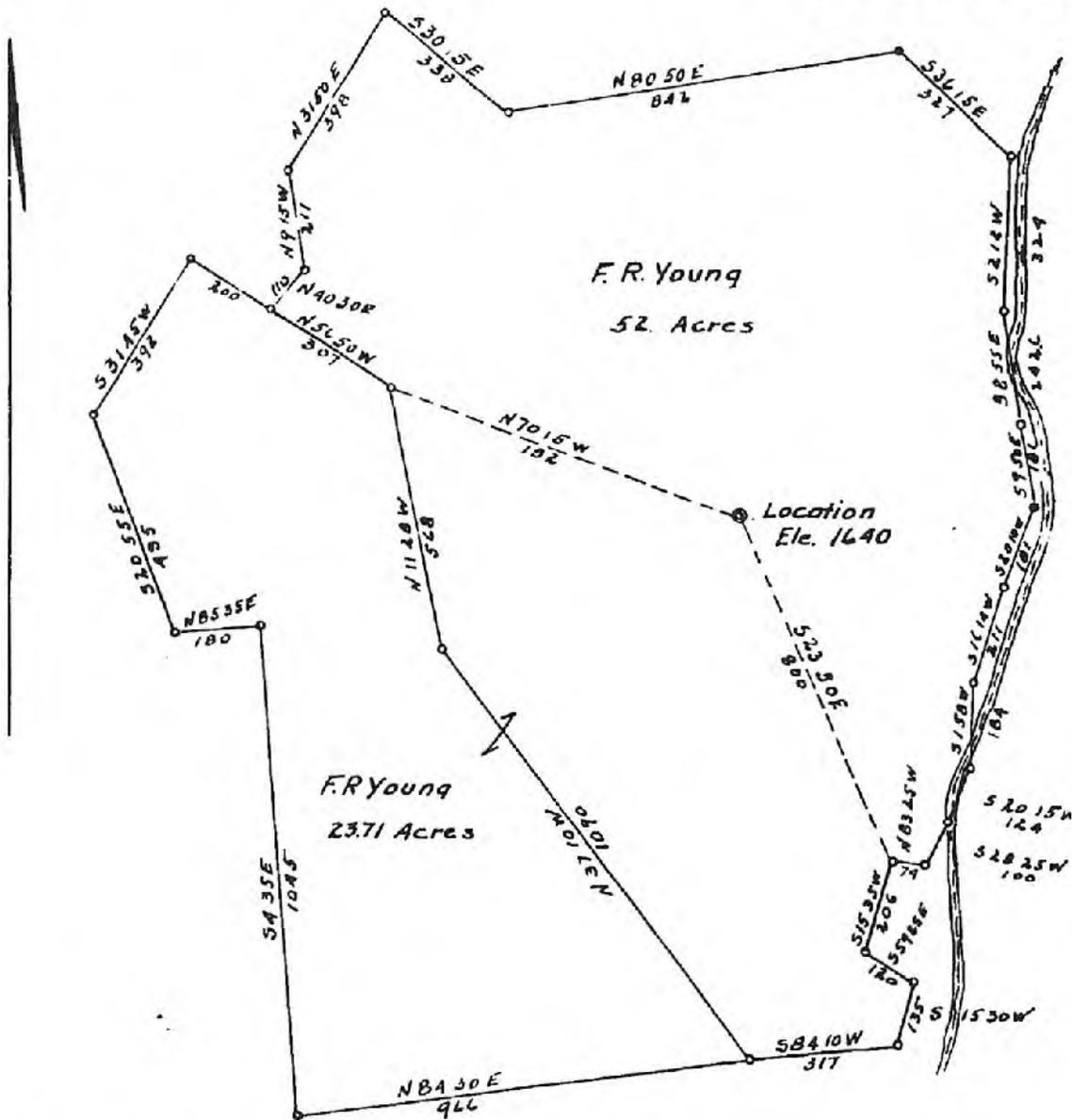
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Environmental Protection

of Proposed Location of Well No 1 of the Standard Gas Co. of Jane Lew
 on the Farm of F.R. Young consisting of 34 Acres in Meade District
 Upshur County West Virginia

4709700044 P



I, the undersigned hereby certify that this map is correct and shows all the information to the best of my knowledge and belief required by the oil and gas section of the mining laws of West Virginia
 Scale 300 Ft. = 1 inch April 1936

J.A. Helm Engr.

Acknowledged before me a Notary Public

on the 4th day of April, 1936

My Commission expires Oct. 18 1938

Notary Public

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UPS-44

05/27/2022

4709700044P

1) Date: March 28, 2022
2) Operator's Well Number
F.R. Young #1
3) API Well No.: 47 - 097 - 00044

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>Roberta Thome</u>	Name <u>N/A</u>
Address <u>45205 Telegraph Rd.</u>	Address _____
<u>Elyria, OH 44035</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>N/A</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>1-304-389-7583</u>	_____

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

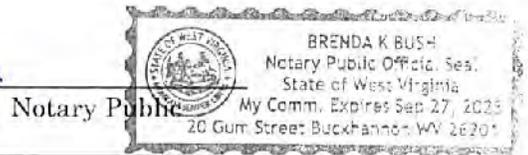
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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>Ross & Wharton Gas Co. & Standard Gas Co.</u>	RECEIVED Office of Oil and Gas
By:	<u>Mike Ross</u>	
Its:	<u>President</u>	<u>MAY - 5 2022</u>
Address	<u>P.O. Box 219</u>	
	<u>Coalton, WV 26257</u>	WV Department of Environmental Protection
Telephone	<u>1-304-472-4289</u>	

Subscribed and sworn before me this 28th day of April, 2022
Brenda K Bush
My Commission Expires September 27, 2025



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 depprivacyofficer@wv.gov.

05/27/2022



7020 1810 0001 7331 2497

2642 1832 1000 0181 0202

CERTIFIED MAIL RECEIPT
Domestic Mail Only

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

OFFICIAL USE

Certified Mail Fee \$ 3.55

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

Return Receipt (hardcopy) \$ 2.85

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$ 1.96

Total Postage and Fees \$ 8.36

Sent To Roberta Thorne

Street and Apt. No., or PO Box No. 45205 Telegraph Road

City, State, ZIP+4® Elyria, OH 44035

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark
Here



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:

Roberta Thorne
45205 Telegraph Road
Elyria OH 44035



9590 9402 7153 1251 0796 90

Article Number (transfer from service label)

7020 1810 0001 7331 2497

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

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COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent

B. Received by (Printed Name) Addressee

C. Date of Delivery

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

Insured Mail (over \$500)

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Signature Confirmation™

Signature Confirmation Restricted Delivery

Domestic

SURFACE OWNER WAIVER

4709700044P

Operator's Well
Number

47-097-00044 F. R. Young #1

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 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...".

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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 05/27/2022

WW-9
(5/16)

4709700044 P

API Number 47 - 097 - 00044
Operator's Well No. F. R. Young #1

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

Operator Name Ross & Wharton Gas Co. OP Code 306580

Watershed (HUC 10) Brush Run Quadrangle Adrain

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 WILL BE CONTAINED IN TANKS BEFORE DISPOSING OFF-SITE.*

If so, please describe anticipated pit waste: _____ *gum*

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 _____)

*SDew
4/29/2022*

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.

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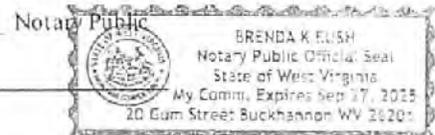
Company Official Signature *Mike Ross*

Company Official (Typed Name) Mike Ross

Company Official Title President

Subscribed and sworn before me this 28th day of April, 20 22

My commission expires *Brenda K Bush*
September 27, 2025



05/27/2022

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: OOB Inspector

Date: 4/29/2022

Field Reviewed? () Yes (X) 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.

Watershed (HUC 10): French Creek

Quad: Adrain

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.

Brush Run

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

N/A

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

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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

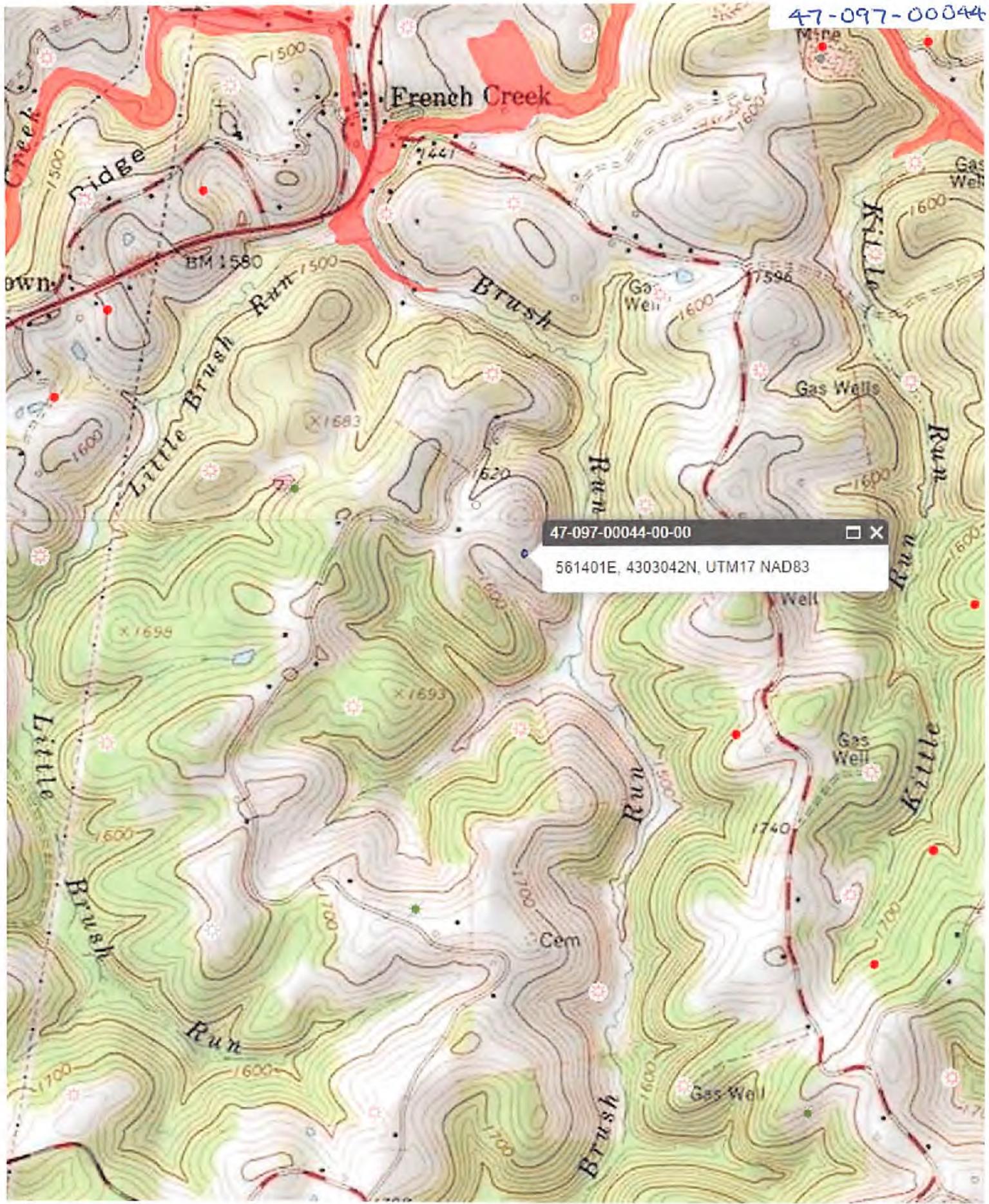
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Signature: Wike Post

Date: April 28, 2022

05/27/2022

47-097-00044P

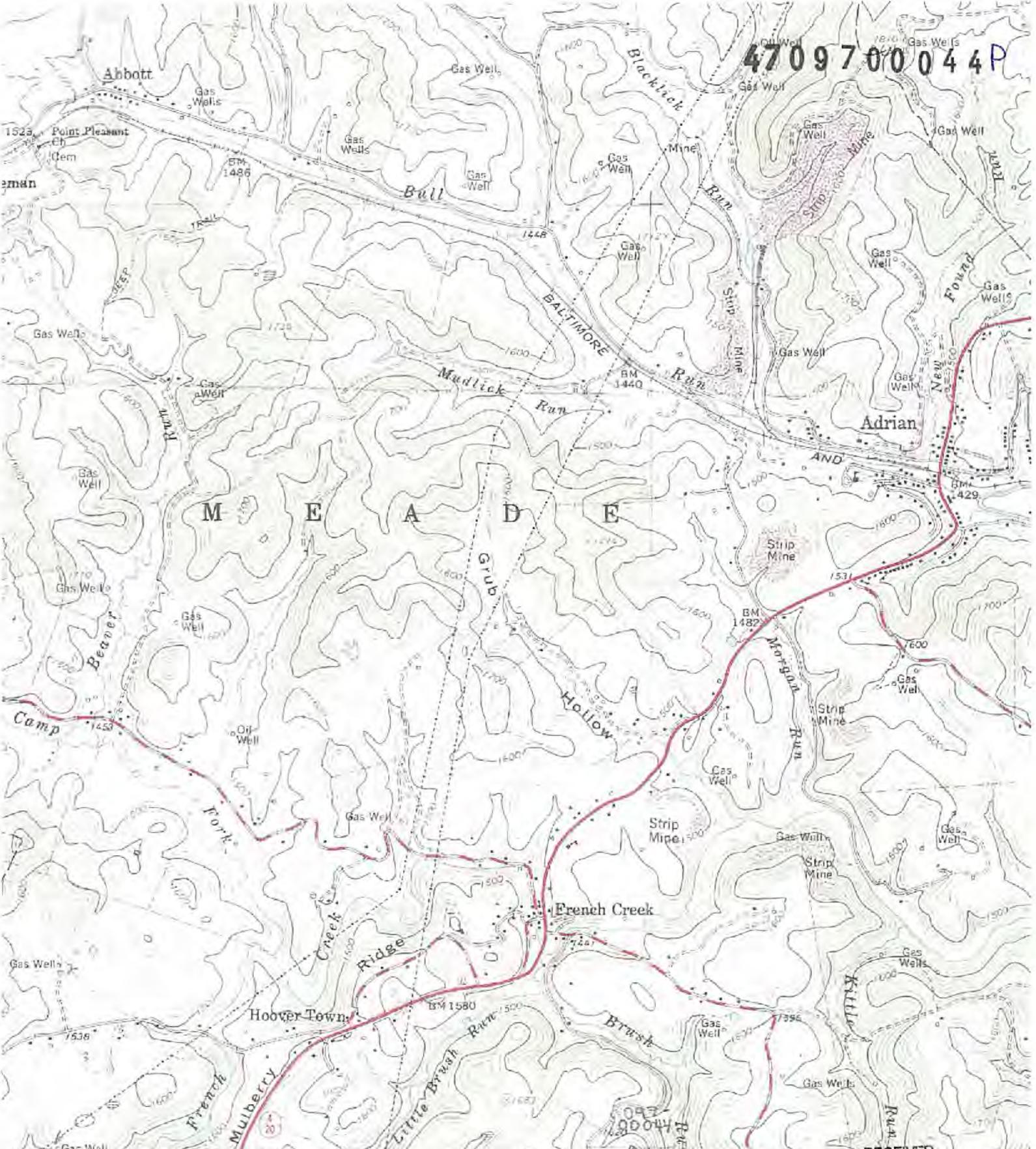


47-097-00044-00-00

561401E, 4303042N, UTM17 NAD83

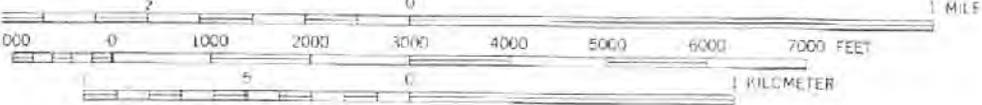
05/27/2022

4709700044P



ROCK CAVE 3.8 MI (ROCK CAVE) 560 4961 IV SE

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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05/27/2022



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-097-00044 WELL NO.: 1

FARM NAME: F.R. Young

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Upshur DISTRICT: Meade

QUADRANGLE: Adrain

SURFACE OWNER: Roberta Thome

ROYALTY OWNER: _____

UTM GPS NORTHING: 4303 042

UTM GPS EASTING: 5614 01 GPS ELEVATION: 1640'

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

April 28, 2022
Date

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Natalie Reeder

From: Natalie Reeder
Sent: Monday, May 2, 2022 2:23 PM
To: 'Stansberry, Wade A'
Subject: Plugging Application -F R Young #1
Attachments: SKM_224e19031318000.pdf

Mr. Stansberry,

Attached is a plugging application for the F. R. Young #1 well, API #47-097-00044, located in Upshur county. I will put a hard copy in the mail to you this evening.

If you have any questions or problems, please let me know.

Thank you.

From: bizhub@citynet.net <>
Sent: Wednesday, March 13, 2019 7:01 PM
To: nreeder@mikerossinc.com
Subject: Message from KM_224e

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

Plugging Vertical Well Work Permits API: (47-097-00044 & 47-097-01235)

1 message

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

Tue, May 24, 2022 at 11:43 AM

To: Natalie Reeder <nreeder@mikerossinc.com>, dwzickefoose@upshurcounty.org, "Ward, Samuel D" <samuel.d.ward@wv.gov>

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

47-097-00044 - 1

47-097-01235 - 1

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

4 attachments

 **47-097-00044 - Copy.pdf**
1263K

 **47-097-01235 - Copy.pdf**
1568K

 **IR-8 Blank.pdf**
237K

 **IR-8 Blank.pdf**
237K

05/27/2022