



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

Wednesday, December 8, 2021
WELL WORK PERMIT
Not Available / Plugging

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

Re: Permit approval for 1
47-041-04425-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: 1
Farm Name: BARGERHUFF, L. I.
U.S. WELL NUMBER: 47-041-04425-00-00
Not Available Plugging
Date Issued: 12/8/2021

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12/8/21

4704104425P

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.

12/10/2021

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WW-4B
Rev. 2/01

1) Date November 29, 2021
2) Operator's
Well No. Bargerhuff #1 47-041-01 207
3) API Well No. 47-041-0425

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 1080' Approx. Watershed Hacker's Creek
District Hackers Creek County Lewis Quadrangle Weston

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

7) Designated Agent Mike Ross
Address P.O. Box 219
Coalton, WV 26257 RECEIVED
Office of Oil and Gas

8) Oil and Gas Inspector to be notified
Name Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201

9) Plugging Contractor
Name N/A
Address _____
DEC 06 2021
WV Department of Environmental Protection

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 4100' to TD (4212') 100' above SHOT.

Set 100' cement plug across casing cut

Set 100' cement plug 2050' to 2150' (5th Sand) gas show

Set 100' cement plug 1500' to 1390' (salt bearing strata)(elevation plug) Gas shows

Set 100' cement plug 550' to 650' (8" casing plug, freshwater protection plug)

Set surface plug 200' - 0', Tag plug's as necessary, Set monument with API number

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

Work order approved by inspector S. D. Ward Date 12/11/2021

12/10/2021

Farm Ed. Bergerhoff Acres 50
 Location (waters) _____
 Well No. 1-46 Elev. _____
 District Hackers Creek County Lewis
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced Nov. 8, 1928
 Drilling completed March 12, 1929
 Date shot _____ Depth of shot 4197
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet
 Salt water _____ feet

Size			Kind of Packer
16			
18			
10	170	78	Size of
8 1/4	612	52	
6 1/2	1307	1307	Depth set
5 3/16			
3	1376	1376	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 No. coal encountered _____
 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
Slate			15	40			
Red Rock			40	70	Water 160'		
Slate			70	120			
Lime			120	165			
Slate			165	200	Water at 390		
Red Rock			200	220			
Slate			220	250	Gas at 1429		
Sand			250	300	Gas at 1454		
Slate			300	420	Gas at 1460		
Sand			420	440			
Slate			440	510	Gas at 1641		
Sand			510	590	Gas at 2150 -2160		
Slate			590	615	Gas 4180-4200		
Sand			615	670			
Slate			670	750			
Hard-Hard			750	835			
Slate			835	880			
Sand Hard			880	940			
Slate			940	960			
Red Rock			960	1230			
Slate			1230	1240			
Little Lime			1240	1260			
Pen Cave			1260	1280			
Big Lime			1280	1338			
Big Injun			1338	1460			
Slate			1460	1550			
Sand			1550	1560			
Slate			1560	1640			
Sand			1640	1690			
Slate			1690	1720			
Sand			1720	1805			
Slate			1805	1855			
Red Rock			1855	1905			
Sand			1905	2040			
Sand			2040	2175			
Sand			2175	2175			
Slate " Shell			2175	4179			
Sand			4050	4055			
Benton Sand			4179	4203			
G.D.				4212			

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 Environmental Protection

SDW
 12/11/2021

8900

INSTRUCTIONS

1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
 2) Designate the location of the well with the symbol (+).

~~GPS~~
~~GPS~~
~~GPS~~

6800

GPS

X = 552233.03938

Y = 4328538.63140

LAT. 39° 07' 30" (~~6800~~)

LONG ~~80° 22' 30"~~
80° 22' 30"

41-80018

Standard Gas Co.

L. I. Bangenhuff (Kolb)

(Purchased)

Drilled 3-12-29

Well No. _____

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED

TITLE

DATE Sept 3, 1998

OPERATORS WELL NO. _____

API WELL NO. 41-80018

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

~~41-71007~~
041-04425N

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IE "GAS" PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)

LOCATION: ELEVATION _____ WATER SHED Hackers Creek
4 DISTRICT Hackers Creek COUNTY Lewis
670 QUADRANGLE Weston

SURFACE OWNER _____ ACREAGE _____

OIL & GAS ROYALTY OWNER Attached LEASE ACREAGE 30
LEASE NO. _____

PRODUCING FORMATION Benson TOTAL DEPTH 4212'
43225

WELL OPERATOR Ross & Wharton Gas Co. DESIGNATED AGENT _____

ADDRESS Rt 6 Box 123 ADDRESS _____

Buckhannon, WV 26201

28506

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WW-4A
Revised 6-07

1) Date: November 29, 2021
2) Operator's Well Number
Bargerhuff #1 47-041-71207
3) API Well No.: 47 - 041 - 04425

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

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4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>We are Farmers</u>	Name <u>N/A</u>
Address <u>P.O. Box 219</u>	Address <u>_____</u>
<u>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>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.

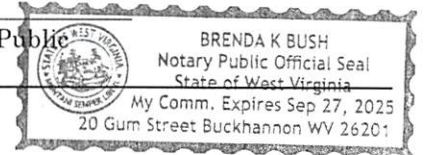
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 Ross & Wharton Gas Co.
 By: *Cleke Ross*
 Its: President
 Address P.O. Box 219
Coalton, WV 26257
 Telephone 1-304-472-4289

Subscribed and sworn before me this 1st day of December, 2021
Brenda K Bush
 My Commission Expires Sept. 27, 2025

Notary Public



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.

12/10/2021

SURFACE OWNER WAIVER

Operator's Well
Number

47-041-04425 Bargerhuff #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

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Environmental Protection

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, 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 <u>Mike Ross</u>	
		By <u>We-R-Farmers</u>	
		Its <u>Member</u>	Date <u>12/01/21</u>
		Signature <u><i>Mike Ross</i></u>	Date <u>12/10/2021</u>
			<u>12/01/21</u>

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WW-9
(5/16)

API Number 47 - 041 - 04425
Operator's Well No. Bargerhuff #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) Hacker's Creek Quadrangle Weston

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 UNTIL DISPOSING OFF SITE. gmm**

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 _____)

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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? _____

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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

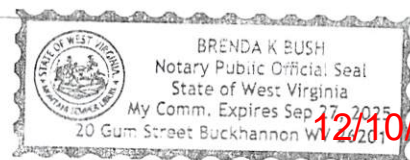
Company Official Title President

Subscribed and sworn before me this 1st day of December, 2021

Brenda K Bush

Notary Public

My commission expires Sept. 27, 2025



12/10/2021

Operator's Well No. Barger huff #1

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.

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Plan Approved by: [Signature]

WV Department of
Environmental Protection

Comments: _____

Title: OOB Inspector

Date: 12/11/2021

Field Reviewed? () Yes (X) No

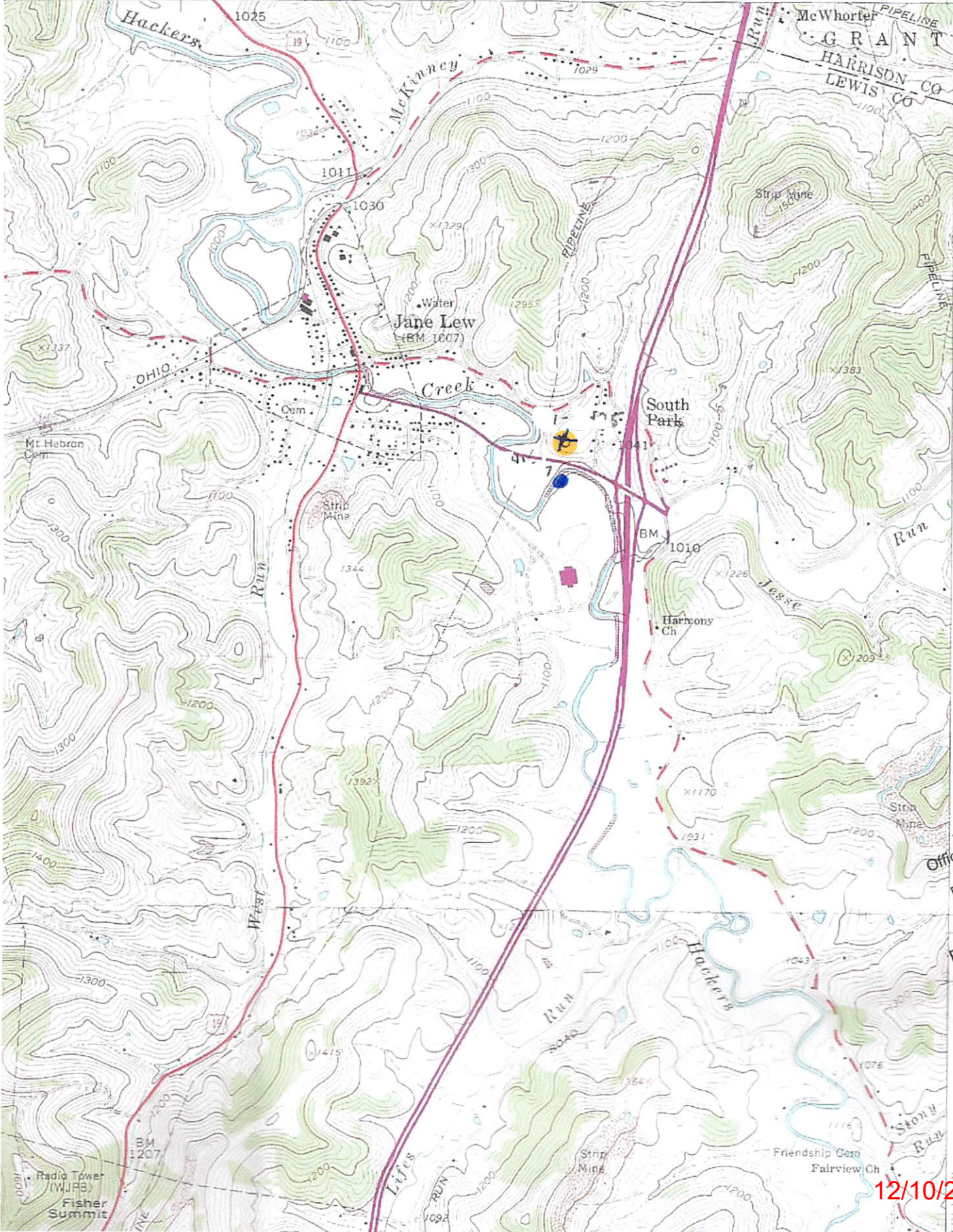
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WESTON QUADRANGLE
WEST VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 WESTON 15' QUADRANGLE

4962 III NE
(MOUNT CLARE)

7EY

550 25' CLARKSBURG 16 MI. WEST MILFORD 8 MI. 2 170 000 FEET 952 953 80°22'30" 39°07'30"



4330
770 000
FEET
4329
4328
4327
5'

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12/10/2021

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-041-04425 WELL NO.: 1 47-041-71207

FARM NAME: We-R-Farmers

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Lewis DISTRICT: Hackers Creek

QUADRANGLE: Weston

SURFACE OWNER: We are Farmer's

ROYALTY OWNER: _____

UTM GPS NORTHING: 4328538.63140

UTM GPS EASTING: 552233.03938 GPS ELEVATION: 1080' Approx.

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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: DEC 06 2021
WV Department of Environmental Protection

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

Dec. 1, 2021
Date

12/10/2021



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

Re: Plugging Well Work Permit (API: 47-001-00626)

1 message

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

Wed, Dec 8, 2021 at 1:43 PM

To: Natalie Reeder <nreeder@mikerossinc.com>, "Ward, Samuel D" <samuel.d.ward@wv.gov>, John Breen <jbreen@assessor.state.wv.us>

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

47-041-04425 - 1

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

 **IR-8 Blank.pdf**
183K

 **47-041-04425 - Copy.pdf**
2900K

12/10/2021