



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

Thursday, June 17, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS, MIKE INC.
POST OFFICE BOX 219
COALTON, WV 26257

Re: Permit approval for RUTHBELL 2
47-083-01187-00-00

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: RUTHBELL 2
Farm Name: RUTHBELL LUMER CO.
U.S. WELL NUMBER: 47-083-01187-00-00
Vertical Plugging
Date Issued: 6/17/2021

PERMIT CONDITIONS

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

CONDITIONS

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

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 2461' Watershed Left Fork of the Right Fork Buckhannon River
District Middle Fork County Randolph Quadrangle Pickens

6) Well Operator Mike Ross 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 Name Gayne J. Knitowski
Address P.O. Box 108
Gorman, WV 26720
9) Plugging Contractor Name N/A
Address _____

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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 (4062') Plug 100' above top perf
Set 100' cement plug across casing cut
Set cement plug 2400' to 2500' elevation plug
Set cement plug 1400' to 1500' Big Lime
Set cement plug 750' to 850' 8 5/8" casing plug
Set cement plug 100' to surface, groundwater protection plug, and surface plug
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 Gayne J. Knitowski Date 6/8/2021

4708301187P

WR-35
Rev (5-01)

DATE: 4/21/06
API #: 47-083-01187

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Ruthbell #2 Operator Well No.: #2

LOCATION: Elevation: 2461' G.L. Quadrangle: Pickens

District: Middle Fork County: Randolph
Latitude: 5475' Feet South of 38 Deg. 45 Min. 0 Sec.
Longitude: 14175' Feet West of 80 Deg. 10 Min. 0 Sec.

Company: Bucher Exploration, LLC.

	Casing	Used in drilling Left in well		Cement fill up	Ca. Ft.
Address: <u>16 Lower Drive</u>	<u>11"</u>	<u>30'</u>	<u>0</u>	<u>N/A</u>	
<u>Buckhannon, WV 26201</u>					
Agent: <u>Dean H. Bucher</u>	<u>8 5/8"</u>	<u>820'</u>	<u>820'</u>	<u>220 Sks to surface</u>	
Inspector: <u>Craig Duckworth</u>					
Date Permit Issued: <u>7/15/05</u>	<u>4 1/2"</u>	<u>4026'</u>	<u>4026'</u>	<u>150 Sks - 800'</u>	
Date Well Work Commenced: <u>1/07/06</u>					
Date Well Work Completed: <u>1/12/06</u>					
Verbal Plugging: <u>N/A</u>					
Date Permission granted on:					
<u>Rotary X Cable Rig</u>					
Total Depth (feet): <u>4652'</u>					
Fresh Water Depth (ft.): <u>73'</u>					
Salt Water Depth (ft.): <u>None</u>					
Is coal being mined in area (N/Y)? <u>N</u>					
Coal Depths (ft.):					

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 3896'
Gas: Initial open flow Show MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 239 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 19 Hours
Static rock Pressure 950 psig (surface pressure) after 48 Hours

Second producing formation N/A Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: [Signature]
By: Dean Bucher, member/manager
Date: 4/21/06

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Office of Oil & Gas
Office of Chief
APR 24 2006
WV Department of
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RAM 181
06/18/2021

**DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING,
PHYSICAL CHANGE, ETC.**

1.) Perforated intervals: 3899' - 3904'
Fractured With: 50,000# - 20/40 Sand
99,000 - N2

2.) Well Log Ruthbell #2

FORMATION	TOP	BOTTOM	OIL, GAS WATER
Big Rock	0	5	
Shale	5	70	Wet 73 1/2" Stream
Sand & Shale	20	70	
W. Sd./Shale	70	270	1100' Gas Ck. No Show
Gritty Sand	270	285	1754' Gas Ck. No Show
W. Sd.	285	305	2220' Gas Ck. No Show
Dk Sand/Shale	305	333	2810' Gas Ck. No Show
W. Sd./Shale	333	785	3388' Gas Ck. No Show
Shale	785	805	
W. Sd/Shale	805	915	
Limey Sand	915	925	3928' 6/10 - 1/2" w/w
W. Sd.	925	950	
Lime Sand	950	970	
RR	970	990	
Sand & Shale	990	1080	
Lime Sand	1080	1100	
Sand & Shale	1100	1123	
Sand & Lime	1123	1230	
RR/Lime	1230	1250	
Sand & Lime	1250	1270	
RR	1270	1280	
Sand & Lime	1280	1300	T.D. 4/10 - 1/2" w/w WW
Red Lime	1300	1310	Collars 2/10 - 1/2" WW
Sand & Lime	1310	1470	
B. Lime	1470	1590	
Injun	1590	1735	
Sand & Shale	1735	1755	
Lime Sand	1755	1770	
Sand & Shale	1770	2733	
Bm. Sand	2733	2743	
Sand & Shale	2743	3610	
Lt. Bm. Sd. Riley	3610	3640	
Sand & Shale	3640	3630	
Sd./Sh./Lime	3630	3845	
Sand & Shale	3845	3885	
Sd./Sh./Lime	3885	3885	
Benson	3885	3905	
Sand & Shale	3905	3910	
Bm. Sd. 2nd Benson	3910	3925	
Sand & Shale	3925	4052	
Total Depth:		4052	

D.H. Bucher
Well Operator
By: Dean H. Bucher
Date: April 21, 2008

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New York State Department of
Environmental Protection

4708301187P

WW-4A
Revised 6-07

1) Date: June 1, 2021
2) Operator's Well Number
Ruthbell Lumber Co. #2

3) API Well No.: 47 - 083 - 01187

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 Ruthbell Lumber Company	Name N/A
Address P.O. Box 1277	Address
Elkins, WV 26241	
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name N/A
	Address
(c) Name	Name
Address	Address
6) Inspector Gayne J. Knitowski	(c) Coal Lessee with Declaration
Address P.O. Box 108	Name N/A
Gormanian, 26720	Address
Telephone 1-304-546-8171	

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WV Department of
Environmental Protection

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 Mike Ross Inc.
 By: *Mike Ross*
 Its: President
 Address 354 Morton Ave.
 Buckhannon, WV 26201
 Telephone 304-472-4289

Subscribed and sworn before me this 3rd day of June, 2021
Brenda K Bush Notary Public
 My Commission Expires September 27, 2021

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.

06/18/2021

47-083-01187P

7020 1290 0000 4203 8475

U.S. Postal Service™
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 \$ **.71**

Total Postage and Fees \$ **7.11**

Sent To
 Street and Apt. No., or PO Box
Ruthbell Lumber Company
P O Box 1277
 City, State, ZIP+4®
Elkins WV 26241

PS Form 3800, April 2015



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:

Ruthbell Lumber Company
P O Box 1277
Elkins WV 26241


 9590 9402 5645 9308 2199 23

2. Article Number (transfer from service label)
7020 1290 0000 4203 8475

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) _____ 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 Priority Mail Express®

Adult Signature Restricted Delivery Registered Mail™

Certified Mail® Registered Mail Restricted Delivery

Certified Mail Restricted Delivery Return Receipt for Merchandise

Collect on Delivery Signature Confirmation™

Collect on Delivery Restricted Delivery Signature Confirmation Restricted Delivery

Insured Mail Signature Confirmation Restricted Delivery (over \$500)

Insured Mail Restricted Delivery (over \$500)

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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 WV Department of
 Environmental Protection

06/18/2021

SURFACE OWNER WAIVER

4708301187P

Operator's Well
Number

47-083-01187 Ruthbell Lumber Co. #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

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WV Department of
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,

Signature

Date

Name
By

Its

Date

Signature

Date
06/18/2021

WW-4B

API No. 47-083-01187
Farm Name _____
Well No. Ruthbell Lumber Co. #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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WW-9
(5/16)

API Number 47 - 083 - 01187
Operator's Well No. _____

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

Operator Name Mike Ross Inc. OP Code 49450207

Watershed (HUC 10) Left Fork of Right Fork Buckhannon River Quadrangle Pickens

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. J.W.H.*

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 _____)

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

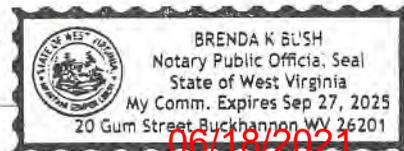
Company Official Title President

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Subscribed and sworn before me this 3rd day of June, 2021

Brenda K Bush Notary Public

My commission expires September 27, 2025



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:

Maureen J. Knott

Comments:

Reclaim SITE ASAP



Title:

Inspector

Date:

11/8/2021

Field Reviewed?

(X) Yes

() No

N/A

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

Operator Name: Mike Ross Inc.

Watershed (HUC 10): Left Fork of Right Fork Buckhannon River Quad: Pickens

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.

Left Fork of Right Fork Buckhannon River

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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.

N/A

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

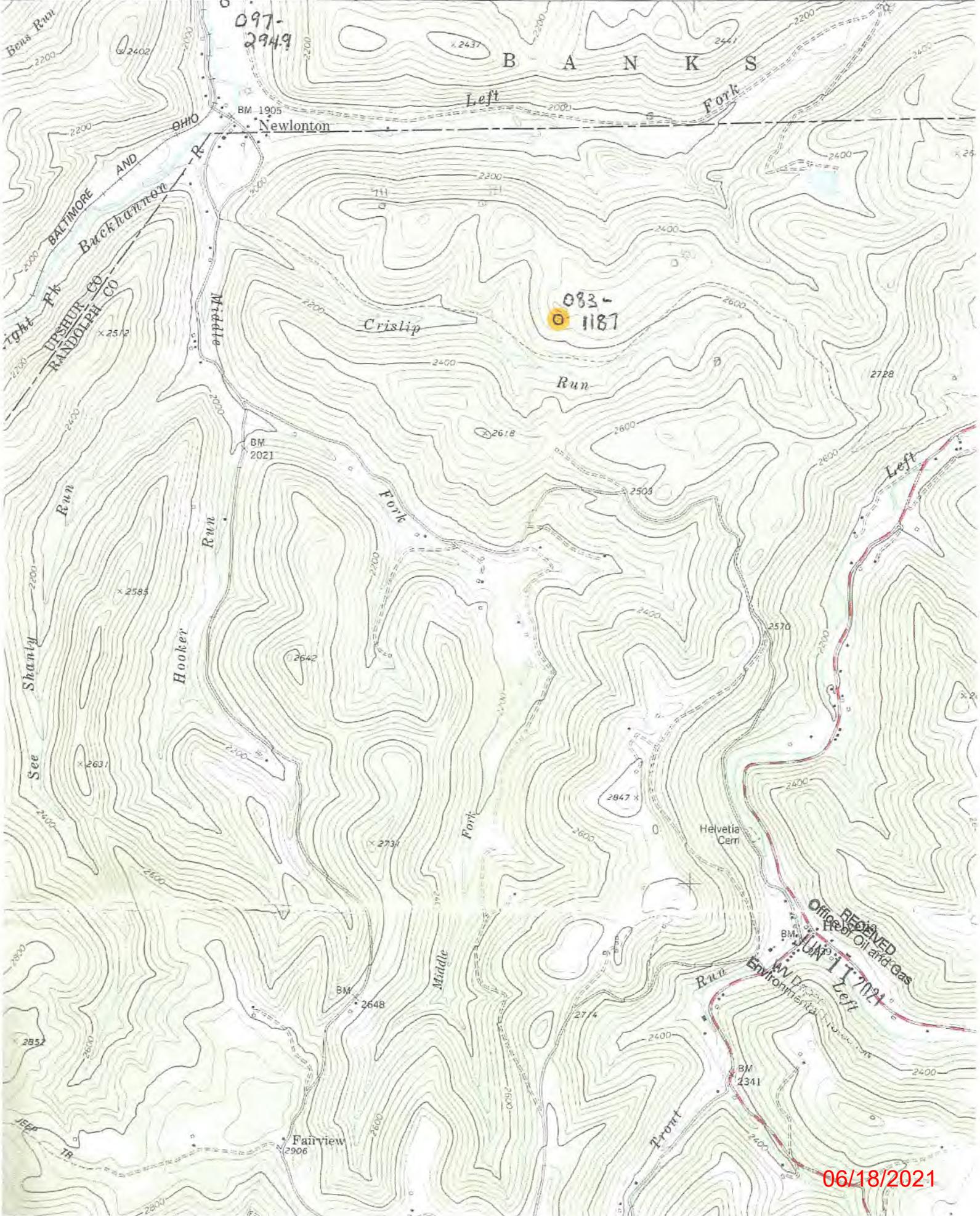
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

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WV Department of
Environmental Protection

Signature: Mike Ross

Date: June 3, 2021



06/18/2021

