



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

Sunday, July 18, 2021

WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC.
RT. 5, BOX 29
BUCKHANNON, WV 262010000

Re: Permit approval for 2
47-021-01530-00-00

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 blue ink signature of James A. Martin, Chief, is written over a white background. The signature is stylized and cursive.

James A. Martin
Chief

Operator's Well Number: 2
Farm Name: MOORE, BUD
U.S. WELL NUMBER: 47-021-01530-00-00
Vertical Plugging
Date Issued: 7/18/2021

Promoting a healthy environment.

08/06/2021

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.

47-021-01530P

WV-4B
Rev. 2/01

1) Date June 1, 2021
2) Operator's Well No. Bud Moore #2
3) API Well No. 47-021-01530

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 945' Watershed Rock Riffle Run
District Glennville County Gilmer Quadrangle Gilmer

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 Name Derek Haught 9) Plugging Contractor Name N/A
Address P.O. Box 85 Address _____
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 2000' to TD (2188') 100' above top perf
- Set 100' cement plug across casing cut
- Set 100' cement plug 850' to 950' (8" casing plug, salt bearing strata)(elevation plug)
- Set 100' cement plug 250" to 350" (10" casing plug, coal show, freshwater protection plug)
- Set surface plug 100' to 0', Tag plug's as necessary, Set monument with API number

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JUL 13 2021

WV Department of
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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 Derek M. Haught Date 6/21/21

08/06/2021



47-021-01530P

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 16

Quadrangle Burnsville

Permit No. GIL1530

WELL RECORD

Oil or Gas Well Gas & Oil
(KIND)

Company W. C. Hurtt Drilling Co.
Address 2610 Grant Bldg., Pgh. 19, Pa.
Farm Bud Moore #2 Acres 131
Location (waters) Rock Riffle Run
Well No. 2 Elev. 945
District Glenville County Gilmer
The surface of tract is owned in fee by Bud Moore
Glenville, W. Va. Address _____
Mineral rights are owned by R & P Coal Co.
655 Church St. Address Indiana, Pa.
Drilling commenced May 31, 1963
Drilling completed July 8, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 23 M at 2084 20 M at 2114 M.
Rock Pressure See Below lbs. _____ hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED Dow July 10, 1963

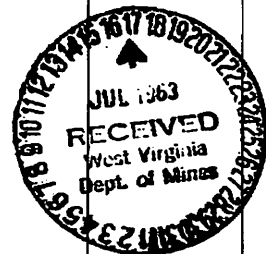
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16 Wood	16	16	Kind of Packer _____
18			
10	328		Size of _____
8 1/2	936		
6 3/4			Depth set _____
5 3/16			
x 4 1/2	2188	2188	Perf. top <u>2117 4 shot</u>
2			Perf. bottom <u>2118</u>
Liners Used _____			Perf. top <u>21</u>
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 431' No. Ft. 7/8/63 Date
Hole jelled to top - Lawson

COAL WAS ENCOUNTERED AT 290 FEET Show INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 3.350 M - 30 bbl. oil
ROCK PRESSURE AFTER TREATMENT 570#
Fresh Water 65' Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			1	80			
Gritty Lime			80	100			
Red Rock & Shells			100	105			Water Show @ 65'
Lime & Sand			105	200			
Limey Shale			200	265			
Sandy Slate			265	300			Coal Show @ 290'
Gritty Lime & Sand			300	360			
Lime & Shale			360	392			
Red Rock			392	400			
Sand			400	430			
Red Rock			430	545			
Sandy Lime			545	555			
Sand			555	625			
Sandy Slate			625	650			
Sand & Red Rock			650	723			
Shale & Lime			723	790			
Sand			790	815			
Slate & Lime Gritty			815	841			
Sand			841	855			
Sand & Shale			855	900			
Sand			900	970			
Sand & Shale			970	1005			
Sandy Lime			1005	1230			
Lime & Shale			1230	1390			
Sand			1390	1410			
Black Slate & Lime			1410	1635			



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(over)

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Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand Hard			1635	1650			
Shale	Black		1650	1678			
Salt Sand	White		1678	1700			
Shale	Black		1700	1767			
Sand	Dirty		1767	1780			
Sandy Shale			1780	1796			
Sand	Gray		1796	1810			
Red Rock & Green Shales			1810	1882			
Little Lime	Brown		1882	1895			
Shale			1895	1904			
Blue Monday	White		1904	1910			
Shale & ls			1910	1937			
Big Lime			1937	2025			
Keener	White		2025	2065			
Limestone			2065	2070			
Big Injun			2070	2126	Gas 2082	23M	
					Gas 2114	20M	
					Oil Show 2114		
Siltstone	Green		2150	2158	Slight Oil Show	2150-2158	
Squaw (Upper)	Green						
Shale & Siltstone			2158	2168	Oil Odor	2168-2178	
Squaw (Lower)	Green		2168	2178			
Siltstone	Bluegreen		2178	2188			
Total Depth				2188			

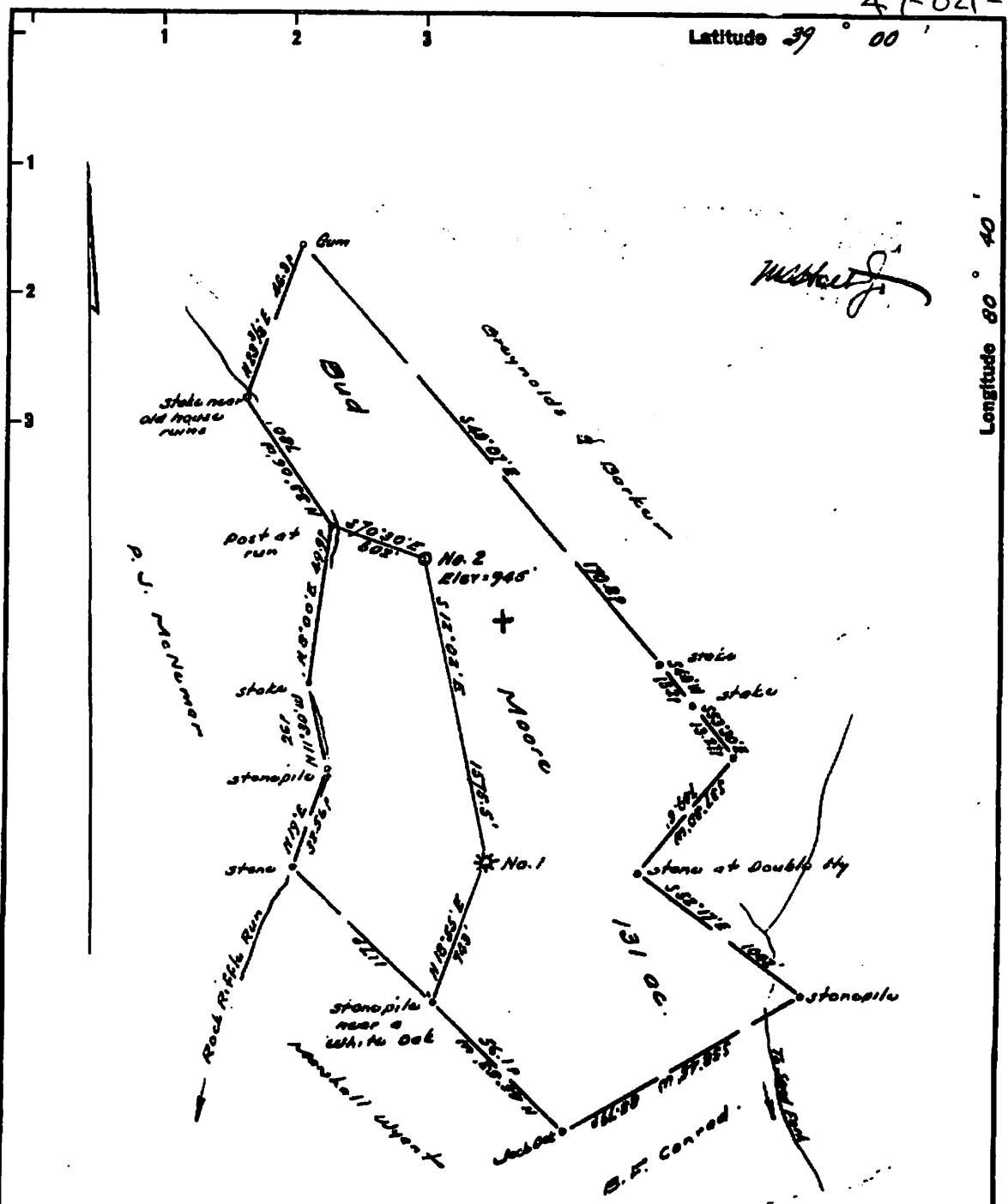
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Date July 16, _____, 1963

APPROVED W. C. Hurtt _____, Owner

By SA Myers _____
 (Title) Geologist

08/06/2021



New Location
 Drill Deeper
 Abandonment

Error in Closure less than 1/200

Company W.C. HURTT DRILLING CO.
 Address 2610 Grant Bldg. Pittsburgh, Pa.
 Farm Bud Moore
 Tract _____ Acres 131 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 945
 Quadrangle Burnsville
 County Gilmer District Glenville
 Engineer Widdett J.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 15, 1963 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. Gil-1530

+ 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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47-021-01530P

WW-4A
Revised 6-07

1) Date: June 1, 2021
2) Operator's Well Number
Bud Moore #2
3) API Well No.: 47 - 021 - 01530

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>Charles G. Johnson</u>	Name <u>N/A</u>
Address <u>1993 Sand Fork Rd.</u>	Address _____
<u>Linn, WV 26384</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Derek Haught</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 85</u>	Name <u>N/A</u>
<u>Smithville, WV 26178</u>	Address _____
Telephone <u>1-304-206-7613 or 1-304-477-4148</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 reverse 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: Mike Ross
 Its: President
 Address 354 Morton Ave.
Buckhannon, WV 26201
 Telephone 1-304-472-4289

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Office of Oil and Gas

JUL 13 2021

Subscribed and sworn before me this 3rd day of June, 2021
Brenda K Bush Notary Public
My Commission Expires September 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 depprivacyofficer@wv.gov.

08/06/2021

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> 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. 	<p>A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>																
<p>1. Article Addressed to:</p> <p>Charles G. Johnson 1993 Sand Fork Road Linn WV 26384</p>	<p>B. Received by (Printed Name) Cheryl Johnson</p> <p>C. Date of Delivery 6/25/2021</p>																
 9590 9402 6072 0125 5939 72	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>																
<p>2. Article Number (Transfer from service label) 00 4203 8468</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input checked="" type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input checked="" type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™																
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery																
<input type="checkbox"/> Certified Mail Restricted Delivery	<input checked="" type="checkbox"/> Return Receipt for Merchandise																
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™																
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery																
<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)																	
<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>																

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) <input checked="" type="checkbox"/> Return Receipt (hardcopy) \$ 1.25 <input type="checkbox"/> Return Receipt (electronic) \$ <input type="checkbox"/> Certified Mail Restricted Delivery \$ <input type="checkbox"/> Adult Signature Required \$ <input type="checkbox"/> Adult Signature Restricted Delivery \$ Postage \$.71 Total Postage and Fees \$ 7.11	6/22/21 Postmark Here
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Sent To: Charles G. Johnson
 Street and Apt. No., or PO Box No.: 1993 Sand Fork Road
 City, State, ZIP+4®: Linn WV 26384

PS Form 3800, April 2015 PSN 7530-02-000-9053

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 WV Department of
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SURFACE OWNER WAIVER

Operator's Well
Number

47-021-01530 Bud Moore #2

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments 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,
RECEIVED
Office of Oil and Gas

_____	Date _____	Name _____
Signature		By <u>JUL 13 2021</u>
		Its _____

		WV Department of _____
		Environmental Protection _____
		Signature _____
		Date _____
		08/06/2021

WW-4B

API No.	<u>47-021-01530 P</u>
Farm Name	_____
Well No.	<u>Bud Moore #2</u>

**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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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) Rock Riffle Run Quadrangle Gilmer

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, gwh

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

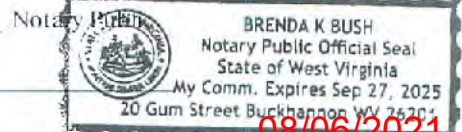
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WV Department of
Environmental Protection

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

Brenda K Bush



My commission expires September 27, 2025

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5

Line 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: Derek M. Haught

Comments: _____

Title: Oil & Gas Inspector Date: 6/21/21

Field Reviewed? Yes No

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Environmental Protection

N/A

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): Rock Riffle Run Quad: Gilmer

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.

Rock Riffle Run

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

N/A

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JUL 13 2021
WV Department of
Environmental Protection

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

08/06/2021

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

Signature: Trinke Ross

Date: June 3, 2021

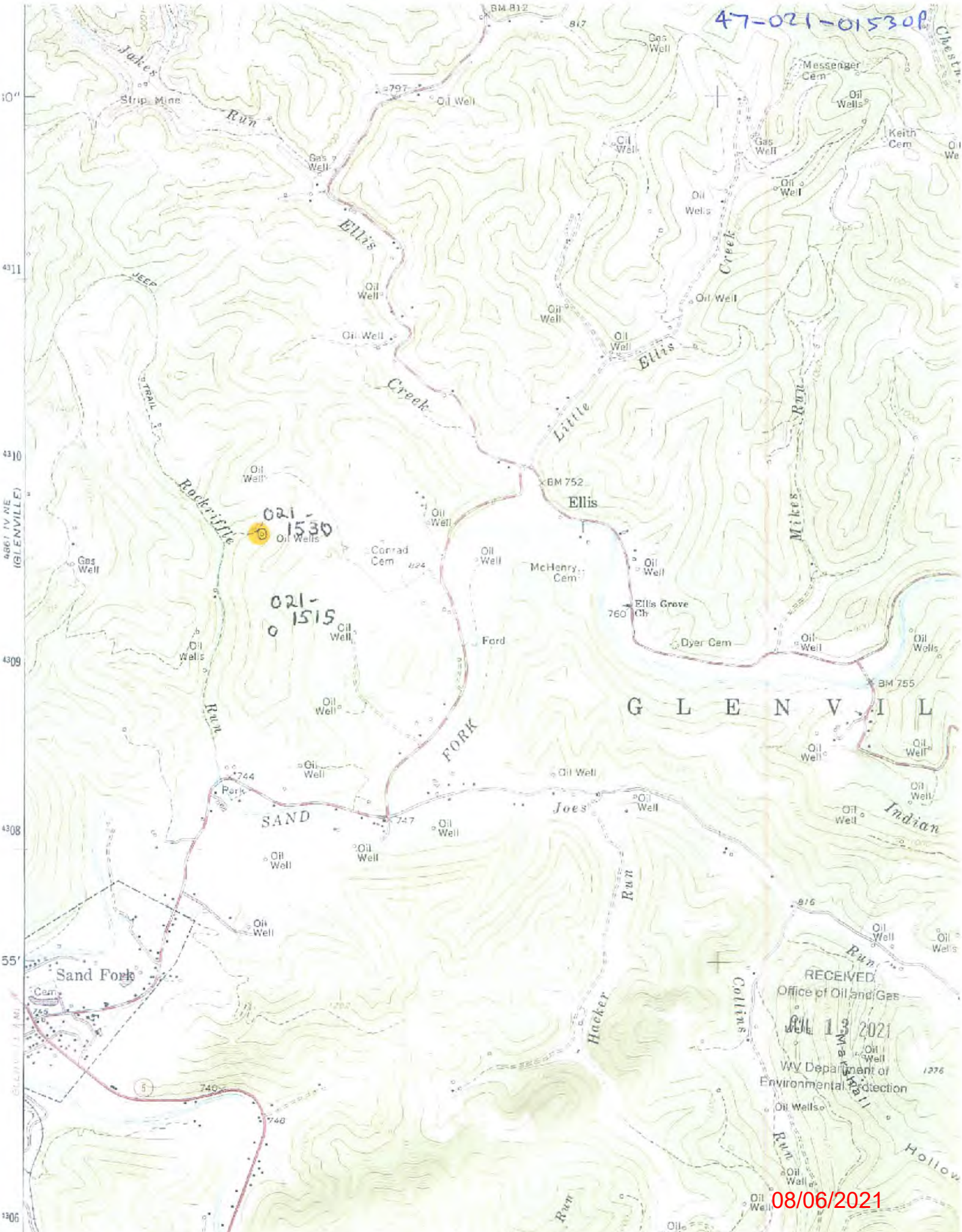
RECEIVED
Office of Oil and Gas

JUL 13 2021

WV Department of
Environmental Protection

08/06/2021

47-021-01530A



4861.14 NE (GLENVILLE)
 4311
 4310
 4309
 4308
 55'
 1306

08/06/2021

47-021-01530P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-021-01530 WELL NO.: 2

FARM NAME: Bud Moore

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Gilmer DISTRICT: Glenville

QUADRANGLE: Gilmer BURNSVILLE

SURFACE OWNER: Charles G. Johnson

ROYALTY OWNER: _____

UTM GPS NORTHING: 4309845

UTM GPS EASTING: 522941.8 GPS ELEVATION: 945'

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters. Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

Mapping Grade GPS _____: Post Processed Differential _____

Real-Time Differential _____

- 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.

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Office of Oil and Gas
JUL 13 2021
WV Department of
Environmental Protection

Mike Ross President
Signature Title

June 3, 2021
Date

08/06/2021