



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Monday, July 22, 2019

WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC.
RT. 5, BOX 29
BUCKHANNON, WV 26201

Re: Permit approval for 1
47-041-01598-00-00

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, written in a cursive style, is placed over the printed name and title.

Operator's Well Number: 1
Farm Name: ROHRBAUGH, L.
U.S. WELL NUMBER: 47-041-01598-00-00
Vertical Plugging
Date Issued: 7/22/2019

P

47-04-01598 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.

47-041-01598P

WW-4B
Rev. 2/01

1) Date July 11, 2019
2) Operator's Well No. Rohrbaugh #2
3) API Well No. 47-041-~~01598~~ 01598

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 1237' Watershed West Fork River
District Court House County Lewis Quadrangle Peterson

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 Barry Stollings
Address 28 Conifer Dr.
Bridgeport, WV 26330
9) Plugging Contractor Name N/A
Address _____

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 1830' to TD (2510') Plug 100' above top perf, 7" casing
- Set 100' cement plug across casing cut
- Set cement plug 1200' to 1300' elevation
- Set cement plug 800' to 900', 8 5/8" casing (salt bearing strata)
- Set cement plug 200' to surface, groundwater protection plug, and surface plug.
- Tag plug's as necessary, Set monument with API number

MINIMUM 100' CLASS A CEMENT
PLUG ACROSS ALL CASING CUTS.
JAM

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Office of Oil and Gas
JUL 22 2019

WV Department of
Environmental Protection

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

Work order approved by inspector Barry Stollings Date 7-16-19



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

Rotary
Spudder
Cable Tools
Storage

Quadrangle Burnsville

Permit No. Lew 1598

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company <u>MACDONALD SPIDEL</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>BOX 66, Rte #3, M40, Allegan, Mich</u>				
Farm <u>A. A. Rohrbough Heirs</u> Acres <u>39.25</u>	Size			
Location (waters) <u>West Fork River</u>	16			Kind of Packer
Well No. <u>Two</u> Elev. <u>1237</u>	13			Size of <u>2 1/2</u>
District <u>Court House</u> County <u>Lewis</u>	10	<u>123</u>	<u>left</u>	Depth set <u>1983</u>
The surface of tract is owned in fee by <u>Lulu G. Rohrbough</u>	8 1/2 <u>5/8</u>	<u>856</u>	<u>left</u>	
<u>P. O. Box 351</u> Address <u>Weston, W. Va</u>	7	<u>1930</u>	<u>left</u>	
Mineral rights are owned by <u>Rohrbough Heirs</u>	5 3/16			
<u>P. O. Box 351</u> Address <u>Weston, W. Va</u>	4 1/2			
Drilling commenced <u>April 16, 1968</u>	3			Perf. top
Drilling completed <u>May 17, 1968</u>	2 3/4	<u>2510</u>	<u>left</u>	Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom

Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume N. T. Cu. Ft.
 Rock Pressure N. T. lbs. hrs.
 Oil _____ bbls. 1st 24 hrs.

WELL ACIDIZED (DETAILS) _____
 FEET _____ INCHES _____ FEET _____ INCHES
 FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED (DETAILS) Natural 5,000 MCF 400# R. P. 15 min. Shut In.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
 ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
 Fresh Water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand 30 ft. Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
Red Rock			10	60			
Slate			60	90			
Red Rock			90	115			
Lime	Gray		115	135			
Red Rock			135	195			
Slate & Shells			195	208			
Sand			208	235			
Red Rock			235	255			
Slate & Lime			255	300			
Slate & Shells			300	315			
Red Rock			315	328			
Sand			328	350			
Red Rock/Slate/Lime			350	400			
Red Rock			400	428			
Slate & Shells			428	435			
Red Rock			435	445			
Slate & Shells			445	500			
Sand			500	525			
Red Rock			525	540			
Slate & Shells			540	610			
Red Rock			600	620			
Sand			620	640			
Red Rock			640	650			
Slate & Lime			650	670			
Sand/Slate/Shells			670	720			
Lime		Gritty	720	730			
Red Rock/Slate/Shells			730	760			
Red Rock/Sand			760	803			



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JUL 22 2019

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Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Black		803	825			
Red Rock/Slate/Shell			825	915			
Sand			915	970			
Lime			970	1005			
Slate & Shells			1005	1020			
Sand			1020	1075			
Slate	Black		1075	1120			
Sand							
Sand			1120	1145			
Slate & Shells			1145	1195			
Sand			1195	1250			
Slate/Shell			1250	1375			
Sand/Slate/Shell			1375	1420			
Sand			1420	1495			
Slate			1495	1505			
Sand Sand			1505	1550			
Slate/Shell			1550	1570			
Sandy Slate			1570	1585			
Sand			1585	1650			
Red Rock			1650	1825			
Sand			1825	1840			
Red Rock			1840	1847			
Lime			1847	1860			
Slate			1860	1867			
Lime		Hard	1867	1896			Little
Slate			1896	1907			
Lime			1907	1995			Big
Sand			1995	2008			
Slate/Red Rock			2008	2018	Sandy Lime	from 2018-2085	
Sl./Shell			2085	2105	Gas show	2047-55	
Sandy Lime			2105	2170			
Sl./Shell			2170	2305			
Sand			2305	2318			Gantz
Shale			2318	2322			
Sand			2322	2338			Gantz
Slate			2338	2415	Gas	2415-2435	1,000 MCF
Sand			2415	2435			50 ft.
Slate			2435	2455			
Sand			2455	2508	Gas	2498-2509	30 ft.
Shale			2508	2510			
		T. D.		2510			

527 feet of 2" Tail Pipe

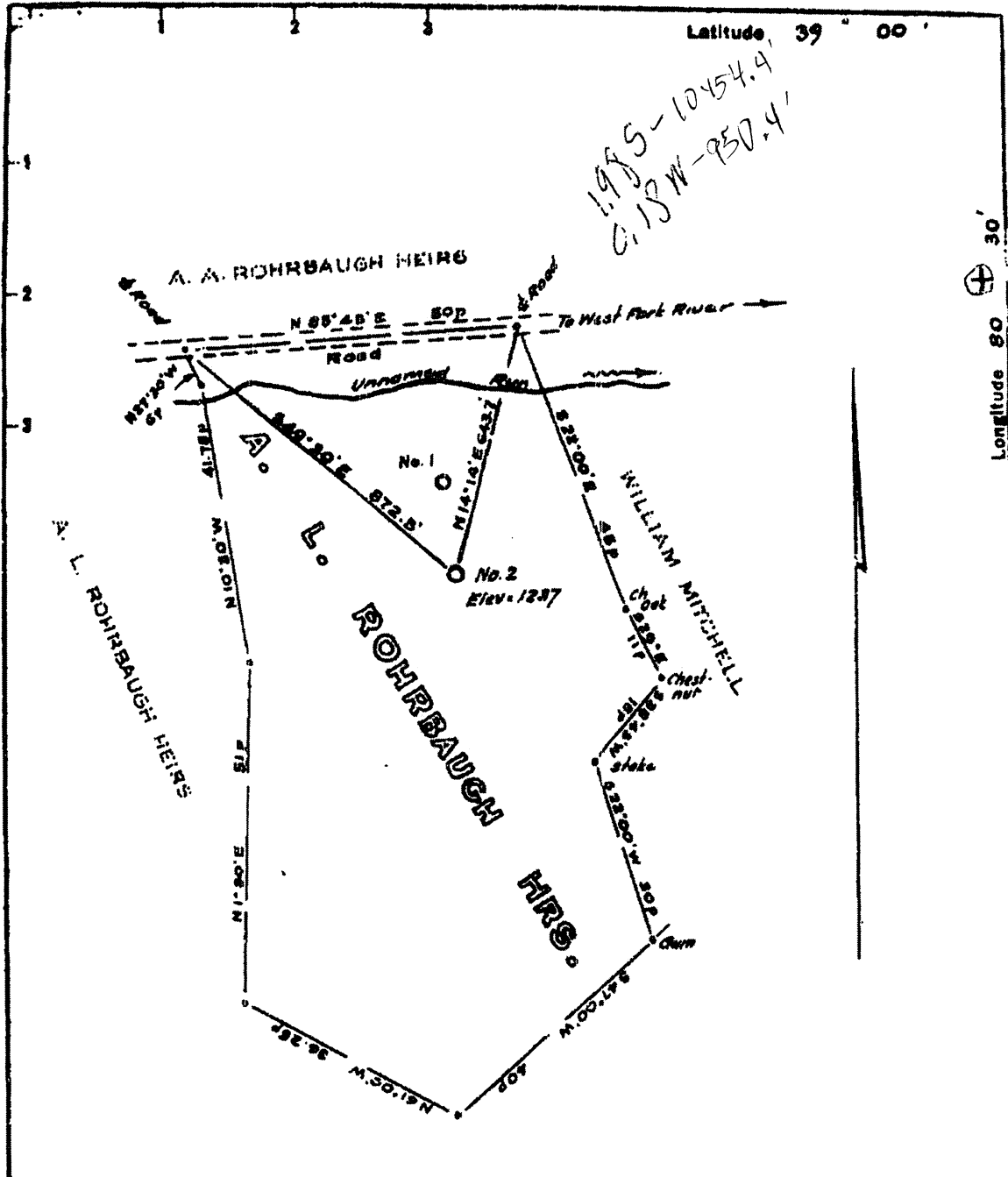
Used 10 sacks of Gel---Lawson Cementing Service

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Office of Oil and Gas

JUL 22 2019

WV Department of
Environmental Protection

Date May 20, 19 68
 APPROVED Macdonald Spidel (M) Owner
 By A. M. van Flick (M.) Adm/Eng
 (Title)



Fracture Before 6/5/29.
 New Location
 Drill Deeper
 Redrill
 Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
PROVEN ELEVATION Elev. Well No. 1 = 1158'

Company MCDONALD SPIDEL
 Address PO Box 133, Weston, W. Va.
 Farm A. A. Rohrbach Heirs
 Tract _____ Acres 29.28 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 1237
 Quadrangle Buenaville 11 E
 County Lewis District Court House
 Engineer W. S. Holtz
 Engineer's Registration No. 1223
 File No. _____ Drawing No. _____
 Date March 18, 1966 Scale 1" = 200' = 230'

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

WELL LOCATION MAP
 FILE NO. LEW-1598

⊕ 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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 Office of Oil and Gas
 JUL 22 2019
 WV Department of Environmental Protection

WW-4A
Revised 6-07

1) Date: July 11, 2019
2) Operator's Well Number
Rohrbaugh #2

3) API Well No.: 47 - 041 - 01598

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>US Army Corps of Engineers Stonewall Jackson Lake</u>	Name <u>N/A</u>
Address <u>Attn: Jeff Toler 1012 Skin Creek Road</u>	Address _____
<u>Weston, WV 26452</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Barry Stollings</u>	(c) Coal Lessee with Declaration
Address <u>28 Conifer Dr.</u>	Name <u>N/A</u>
<u>Bridgeport, WV 26330</u>	Address _____
Telephone <u>1-304-552-4194</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.

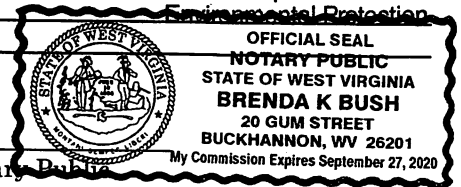
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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.

RECEIVED
Office of Oil and Gas

Well Operator Ross & Wharton Gas Company, Inc.
 By: Mike Ross
 Its: President
 Address 354 Morton Ave.
Buckhannon, WV 26201
 Telephone 304-472-4289


WV Department of
Environmental Protection



Subscribed and sworn before me this 17th day of July, 2019
Brenda K Bush Notary Public
 My Commission Expires September 27, 2020

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.

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 type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X <i>[Signature]</i></p> <p>B. Received by (Printed Name) _____</p> <p>C. Date of Delivery _____</p>																
<p>1. Article Addressed to:</p> <p>US Army Corps of Engineers Stonewall Jackson Lake Attn: Jeff Toler 101a Skin Creek Road Weston WV 26452</p>  <p>9590 9402 2266 6225 7002 95</p>	<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)</p> <p>7016 2140 0001 1545 5666</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 Domestic Return Receipt</p>																	

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

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

9590 9402 2266 6225 7002 95

OFFICIAL USE

Certified Mail Fee \$ _____

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

<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.80
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input checked="" type="checkbox"/> Adult Signature Required	\$ 3.50
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$.80

Total Postage and Fees \$ 7.10

7/17/19

Postmark Here

Hand Delivered

Sent To US Army Corps of Engineers

Stonewall Jackson Lake Attn: Jeff Toler

Street and Apt. No., or PO Box No. _____

101a Skin Creek Road

City, State, ZIP+4® Weston WV 26452

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Office of Oil and Gas

JUL 22 2019

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

WV Department of Environmental Protection

SURFACE OWNER WAIVER

Operator's Well
Number

47-041-01598 Rohrbaugh #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.

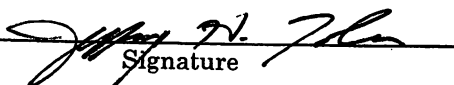
VOLUNTARY STATEMENT OF NO OBJECTION

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,


 Signature _____ Date 7/12/2019 Name _____
 By _____
 Its _____ Date _____
 Signature _____ Date _____

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Office of Oil and Gas
JUL 22 2019
WV Department of

47-041-01598P

WW-9
(5/16)

API Number 47 - 041 - 01598
Operator's Well No. _____

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) West Fork River Quadrangle Peterson

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 AND DISPOSED OF OFFSITE, PROPERLY.
GJM

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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Office of Oil and Gas

JUL 22 2019

WV Department of
Environmental Protection

Subscribed and sworn before me this 15th day of July, 20 19

Brenda K Bush

My commission expires September 27, 2020



Operator's Well No. _____

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: Bang Shih

Comments: _____

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Office of Oil and Gas

JUL 22 2019

Title: inspector

Date: 7-16-19

WV Department of
Environmental Protection

Field Reviewed? () Yes () No

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): West Fork River Quad: Peterson

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.

West Fork River

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Office of Oil and Gas
JUL 22 2019

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

WV Department of
Environmental Protection

N/A

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

N/A

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

No material will be used

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

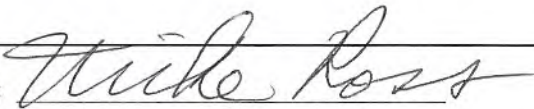
N/A

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

N/A

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WV Department of
Environmental Protection

Signature:



Date: July 15, 2019

47-041-01598



47-041-01598

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Environmental Protection

WALL JACSON LAKE
CHUNTING AND FISHING AREA

WALKERSVILLE

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-041-01598 WELL NO.: 2

FARM NAME: Rohrbaugh

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Lewis DISTRICT: Court House

QUADRANGLE: Peterson

SURFACE OWNER: US Army Corps of Engineers Stonewall Jackson Lake - Jeff Toler

ROYALTY OWNER: USA - Bureau of Land Management - Jim Wood

UTM GPS NORTHING: 4313622.8

UTM GPS EASTING: 543130.4 GPS ELEVATION: 1237'

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

July 17, 2019
Date

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