

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

Tuesday, September 18, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

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

BUCKHANNON, WV 262010000

Re: Permit approval for N. PULLIAM 2 47-007-00686-00-00

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: N. PULLIAM 2

Farm Name: PULLIAM, MATHEW - HEIRS

U.S. WELL NUMBER: 47-007-00686-00-00

Vertical Plugging
Date Issued: 9/18/2018



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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

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.

WW-4B Rev. 2/01

1) Date August 1	_, Q9/ & 1/201
2) Operator's	
Well No. Pulliam Heirs	
3) API Well No. 47-00	07-00686 -

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

Operator Address	Ross & Wharton Gas Co. Inc. 354 Morton Ave. Buckhannon, WV 26201	Watershed Copen Run County Braxton Quadrangle Burn 7) Designated Agent Mike Ross Address P.O. Box 219 Coalton, WV 26	nsville
Address	354 Morton Ave.	Address P.O. Box 219	
Address	354 Morton Ave.		
	Buckhannon, WV 26201	Coalton, WV 26	
			257
	Aullins	9)Plugging Contractor Name R & R Well Service	
Address 220	Jack Acres Rd.	Address 42 Lynch Ridge	
Bucl	khannon, WV 26201	Walton, WV 25286	
0' cement p	lug 1650' to 1750' (Lime, Blue I	Monday) Set 100' cement plug 950' to 1	WV Department of Environmental Protect
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surface pl	ug) Tag plug's as neces	ssary Set monument with API	number
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DEPARTMENT OF MINES OIL AND GAS DIVISION 4

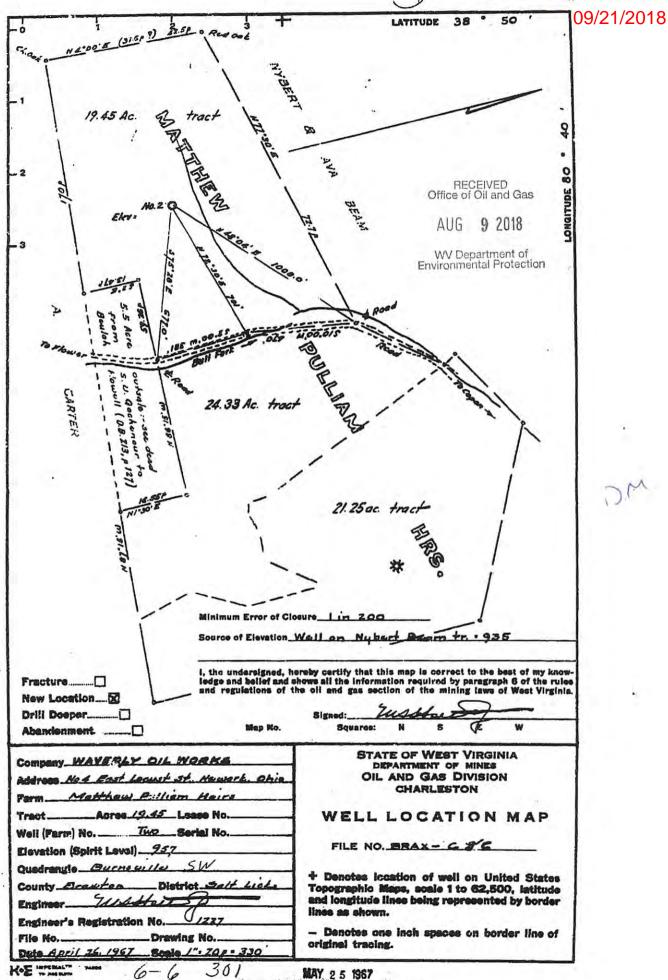
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		in	Inch				Perf. bottom	
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	10/20		•					•
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APPROVED_I		June 21	ks Comp	ıny	, <u>19</u> 67 _, Owner
By	// [KI,	tia)	- R. L. Ve	eckal-Pres
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47,-007-00686P



WW-4A Revised 6-07

1) Date:	August 1, 201	8		
2) Operator	's Well Numb	er		
3) API Well	No.: 47 -	007	 00686	

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

(a) Name	ner(s) to be served:	3, (a) Coal Operato	300	
	Lewis E. & Mary Wine		_ Name	N/A	
Address	468 Walker Fork Rd.		Address		
202	Copen, WV 26615			- 	
(b) Name				wner(s) with Declaration	
Address			Name	N/A	
	-		_ Address	£	
(c) Name			Name	-	
Address			Address		
C) Incorporation	Danny Mullins		- (a) Cool Lo	ssee with Declaration	
6) Inspector Address	220 Jack Acres Rd.		Name	N/A	
Address	Buckhannon, WV 26201		Address	INA	
TI-11	1-304-932-6844		_ Address	*	
Telephone	1-304-932-0044		-		
well (2) The	its and the plugging work plat (surveyor's map) show	c order; and wing the well location ts is that you have rig	on on Form WW-6.	n sets out the parties involved in cation which are summarized in the in	
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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 depprivacyofficrawv.gov.

WW-9 (5/16)

47-007-	006861
09/21/2	2018

API Number 47 - 007	_ 00686
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
	Quadrangle Burnsville
Do you anticipate using more than 5.000 bbls of water to comp	
Will a pit be used? Yes No V	
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 provid	le a completed form WW-9-GPP)
	t Number)
)
Off Site Disposal (Supply form WV	
Other (Explain_	RECEIVED Office of Oil and Gas
Will closed loop systembe used? If so, describe:	AUG 9 2018
Drilling medium anticipated for this well (vertical and horizont	(10 A' C 1 4 - 11 - 1 - 4 -
	WV Department
-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?	
West Virginia solid waste facility. The notice shall be provided	Cas of any load of drill cuttings or associated waste rejected at any liwithin 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Gas of the West Vir provisions of the permit are enforceable by law. Violations of a or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based on	conditions of the GENERAL WATER POLLUTION PERMIT issued aginia Department of Environmental Protection. I understand that the any term or condition of the general permit and/orother applicable law we examined and am familiar with the information submitted on this my inquiry of those individuals immediately responsible for obtaining te, and complete. I am aware that there are significant penalties for a imprisonment.
Subscribed and sworn before me thisday of	August . 20 18
Brende Librash	Notary Cublic Official Seal
My commission expires Sept. 27, a	NOTARY PUBLIC STATE OF WEST VIRGINIA BRENDA K BUSH 20 GUM STREET BUCKHANNON, WY 26201

09/21/2018

Operator's Well No.

Preveg etation pH 6.5 Proposed Revegetation Treatment: Acres Disturbed 1 Tons/acre or to correct to pH 6.5 Fertilizer type 10-20-20 Fertilizer amount lbs/acre Mulch Hay Tons/acre Seed Mixtures Temporary Permanent Seed Type lbs/acre Seed Type lbs/acre 30 30 Fescue Fescue 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: Comments: RECEIVED Office of Oil and Gas WV Department of Environmental Protection Date: 8-6-18 Title: OOG INSPECTOR Field Reviewed?) Yes

WW-9- GPP Rev. 5/16

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API Number 47 - 007	-	00686	
Operator's Well No.			

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

GROUNDWATER PROTECTION PLAN

Operator Name: Ross & Wharton Gas Co. Inc.	O I Purpovillo
Watershed (HUC 10): Copen Run	Quad: Burnsville
'arm Name:	
 List the procedures used for the treatment and discharged groundwater. 	ge of fluids. Include a list of all operations that could contaminate the
N/A	
Describe procedures and equipment used to protect gro	undwater quality from the list of potential contaminant sources above.
N/A	
. List the closest water body, distance to closest water discharge area.	body, and distance from closest Well Head Protection Area to the
Copen Run	
Summarize all activities at your facility that are already	regulated for groundwater protection.
N/A	RECEIVED Office of Oil and Ga
	AUG 9 2018
	WV Department of Environmental Protest

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

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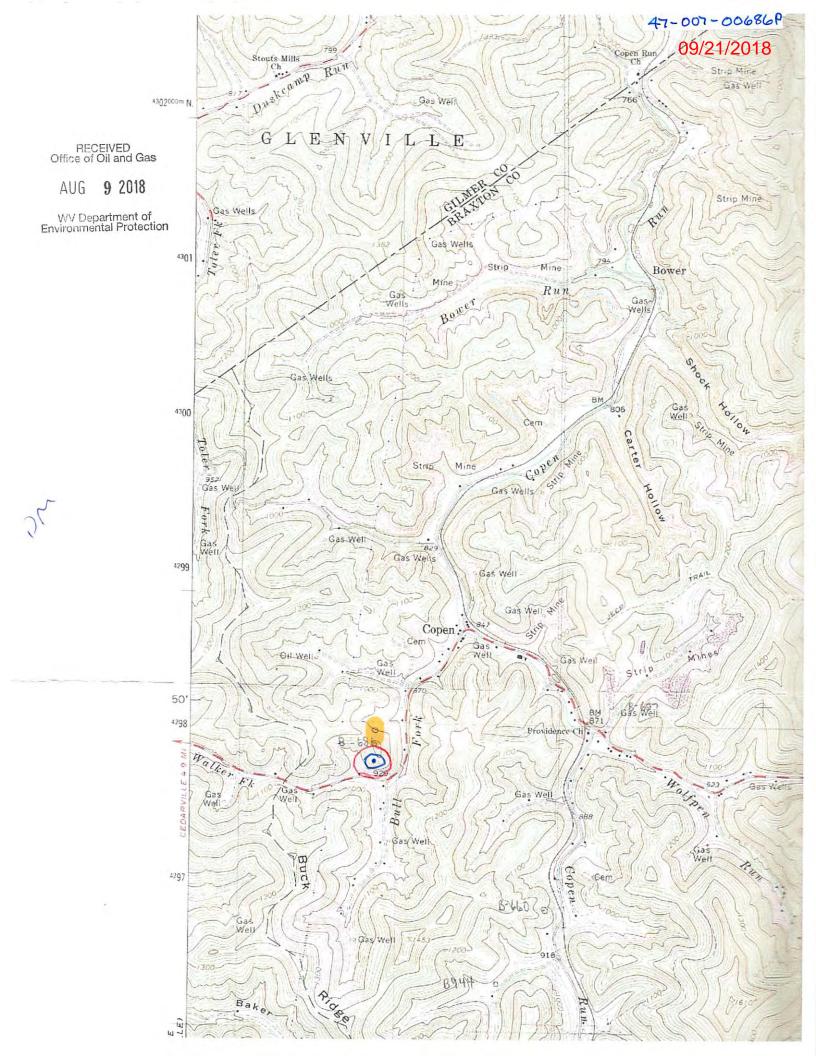
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Operator's Well No.

N/A	
Provide a statement that no waste material will be used for deicing or fill	material on the property.
lo material will be used	
Describe the groundwater protection instruction and training to be proprovide direction on how to prevent groundwater contamination.	vided to the employees. Job procedures shall
/A	
Provide provisions and frequency for inspections of all GPP elements and	d equipment.
I/A	1.1
gnature: Ticke Ross ate: V-7-18	

AUG 9 2018



WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

WED	L LOCATIO	TORM. GIS			
{API:} 47-007-00686		WELL NO.:		2.	_
FARM NAME: Pullian					-
RESPONSIBLE PARTY N		oss			
COUNTY: Braxton		_ _{DISTRICT:} Sa	lt Lic	ck	
QUADRANGLE: Burns		- 31 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1			
SURFACE OWNER: Lev		ry Wine			
ROYALTY OWNER: Ne					
UTM GPS NORTHING: 4					
UTM GPS EASTING: 522		GPS ELEVAT	ION:	957'	
	I and Gas will not a 3, Zone: 17 North, n sea level (MSL) – m – 3.05 meters lethod:	ccept GPS coordinat Coordinate Units: m meters.	es that	do not mee Altitude:	
	Real-Time Differer			AUG	9 2018
Mapping Grade GPS				WV De Environme	partment of ental Protection
	Real-Time Diffe	erential			
4. Letter size copy of I the undersigned, hereby cer belief and shows all the infor prescribed by the Office of O	tify this data is corre mation required by		knowl	edge and	
with Ross	Presid	lent	8	7-1	8
Signature		Title		Date	