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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Wednesday, August 5, 2020  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

CENTURY MINING, LLC  
PO BOX 279

VOLGA, WV 25238

Re: Permit approval for 7800  
47-001-00002-00-00

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: 7800  
Farm Name: INDIAN FORK COAL& COKE<sup>+</sup>  
U.S. WELL NUMBER: 47-001-00002-00-00  
Vertical Plugging  
Date Issued: 8/5/2020

Promoting a healthy environment.

E

47-001-00002f

## 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

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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 June 8, 2020  
2) Operator's  
Well No. 7800  
3) API Well No. 47-001 - 00002

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 X or Underground storage \_\_\_\_ ) Deep \_\_\_\_ / Shallow \_\_\_\_

5) Location: Elevation 1448.72' Watershed Wash Run  
District Union County Barbour Quadrangle Century

6) Well Operator Century Mining, LLC 7) Designated Agent Gary Miles  
Address 200 Chapel Brook Road Address 200 Chapel Brook Rd  
Bridgeport, WV 26330 Bridgeport, WV 26330

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Kenneth Greynolds Name CJ's Well Service, Inc.  
Address 613 Broad Run Rd. Address P.O. Box 133  
Jane Lew, WV 26378 Rowe, VA 24646

10) Work Order: The work order for the manner of plugging this well is as follows:

**See attached.**

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- 
- 
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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 *Kenneth Greynolds* Date 6-18-20

- 10) Work Order: The work order for the manner of plugging this well is as follows:
- Move to site, Mix Mud, Bleed of Pressure, if necessary, Bullhead Kill Well
  - The well record does <sup>NOT</sup> list any tubing in the well. However, if 3" tubing is in the well release packer and remove 3" tubing.
  - Clean out well bore to original total depth ~4,417 feet.
  - Set a bottom hole cement plug as required by the WV DEP from TD (~4,417' TO 4,095') ✓
  - If necessary, clean out well bore to tag bottom of hole plug to insure plug location.
  - Gel (6%) will be placed from bottom hole plug to ~2,050'
  - Run cement bond log, caliper, and gamma logs to determine depth of casing and cement bond to the 6-5/8" casing.
  - Cut casing and remove any free 6-5/8" casing.
  - If necessary, clean out well bore to tag bottom of hole plug to insure plug location.
  - Cement hole from ~ 2,050' to 1,490'
  - Run cement bond log, caliper, and gamma logs to determine depth of casing and cement bond to the 8-1/4" casing.
  - Cut and remove any free 8-1/4" casing.
  - Cement hole from ~1,490' to 320'
  - If necessary, cut and pull free casing as determined by cement bond log on 10" casing.
  - Cement hole from ~320 to surface per WV DEP Regulations
  - Rig down and set monument as required by WV DEP.

WOC, 4 HOURS, \$  
TAG PLUG ADD  
CEMENT IF NEEDED.  
JNM

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In the event that the pipe is unable to be removed the inspector will be notified prior to cementing or perforating.

All cement plugs will be Class A cement with no more than 3% CaCl<sub>2</sub>. All spacers will be 6% gel (if spacers are used).

Cement plugs will cover all oil and gas shows, water shows and casing cuts per WV Code Chapter 22 Article 6.

★ NOTE: NO CASING WAS CEMENTED WHEN WELL WAS ORIGINALLY DRILLED. NO RECORDS TO INDICATE CASING WAS EVER CEMENTED. JNM

00-10

*Phillips*

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. B-111-2

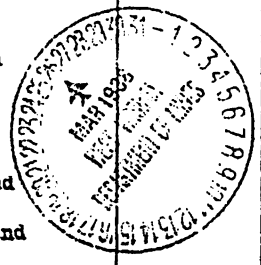
Oil or Gas Well \_\_\_\_\_  
(Kind)

Company Hope Natural Gas Company  
 Address Clarksburg, W. Va.  
 Farm Indian Fork Coal & Coke Co. Acres 675-  
 Location (waters) Wash Run  
 Well No. 7800 Elev. 1453  
 District Union County Barbour  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced December 16, 1937  
 Drilling completed March 9, 1938.  
 Date shot 3-14-1938 Depth of shot 415-415 1/2  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls, 1st 24 hrs.  
 Fresh water 25-560 feet \_\_\_\_\_ feet  
 Salt water 1715 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>272</u>	<u>272</u>	Size of
8 1/2	<u>1439</u>	<u>1439</u>	
6 5/8	<u>1984</u>	<u>1984</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
Not cemented  
 COAL WAS ENCOUNTERED AT 75 FEET 4 1/2 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay			0	25			
Lime			25	75	water	25	
Coal			75	77			
Red rock			77	87			
Lime			87	172			
Red Rock			172	195			
Lime			165	235			
Little Dunkard Sand			235	285			
Slate			285	335			
Big Dunkard Sand			335	404			
Slate			404	414			
Lime			414	425			
Slate			421	550			
Gas Sand			550	598	water	560	
slate			598	600			
First salt sand			600	635			
Slate			635	642			
Second salt sand			642	865			
Slate			865	920			
Third salt sand			920	1000			
Slate			1020	1060			
Red Rock			1080	1124			
Maxon Sand			1160	1248			
Slate			1248	1250			
Sand			1250	1274			
Slate			1274	1279			
Sand			1279	1333			
Red Rock			1333	1355			
slate			1355	1400			
Lime			1400	1410			
Pencil cave			1410	1419			
Big Lime			1419	1535	show Oil	1441	
Big Injun Sand			1535	1625			
slate			1625	1632			
Gritty Lime			1625	1710			
Gantz sand			1710	1725	water	1715	
Lime			1725	1773			
Nirty foot sand			1773	1825			
Lime			1825	1838			
Thirty foot Sand			1838	1866			
slate			1866	1890			
Lime			1890	1918			



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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			1918	1980			
Gordon Sand			1980	1986			
Red Rock Shells			1986	2245			
Sand			2245	2255			
Red Rock Shells			2255	2295			
Sand			2295	2325			
Slate & Lime shells			2325	3095			
Lime			3095	3115			
Lime & Slate			3115	3800			
Lime			3800	3830			
Slate Shells			3830	3880			
Shells			3880	4145			
Benson Sand			4145	4153	Gas	4146-4149-4152	
Slate shells			4153	4417			
Total depth			-----				

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Date March 25, 1938

APPROVED Hope Natural Gas Company Owner

By [Signature]  
(Title) ASST. GENERAL SUPT.

## WVDEP Office of Oil and Gas - Well Search

**Disclaimer:** Per §22-6-6. Permit required for all well work; permit fee; application; soil erosion control plan.

(a) It is unlawful for any person to commence any well work, including site preparation work, which involves any disturbance of land, without first securing a well work permit from the director of the WVDEP Office of Oil and Gas.

The appearance of an API number on the web page does not signify that a permit has been issued. The API number is used as a tracking mechanism until the permit has been issued. Under no circumstances should well work be commenced without a signed permit.

### Current Operator

Well API	Operator	Surface Owner	Well Number	Well Status	Well Type	Last Permit Issue Date
4700100002	ROSS AND WHARTON GAS COMPANY, INC.	INDIAN FORK COAL& COKE CO	7800	Active Well	Vertical	03/26/1938

**Note:** The operator listed above is the CURRENT operator of the well. This operator may or may not have recorded production for this well for the years listed below. The production listed below spans the years shown, regardless of the operator who originally recorded a particular year's production numbers.

### Production by Energy Type

#### Well Lifetime Gas Production

All amounts expressed in mcfg (thousand cubic feet)

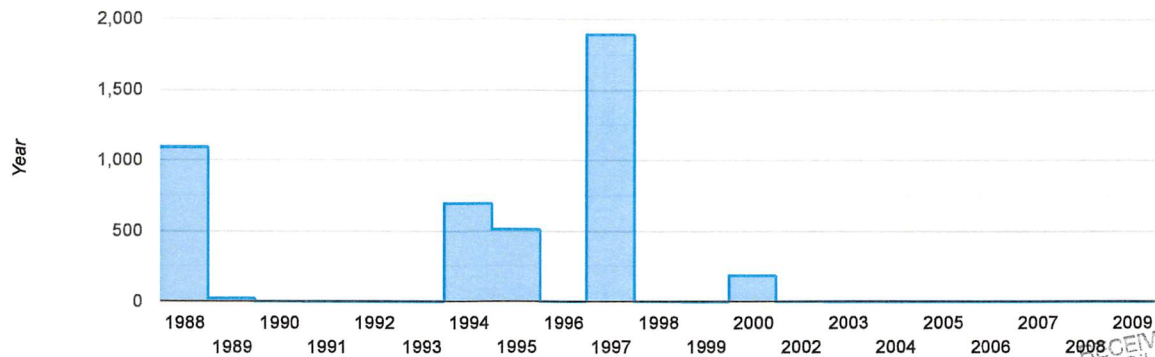
Reporting Operator	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ROSS AND WHARTON GAS COMPANY, INC.	2019	0	0	0	0	1	0	0	0	0	0	0	0	1
ROSS AND WHARTON GAS COMPANY, INC.	2018	0	0	0	0	1	0	0	0	0	0	0	0	1
BAYER BROKERAGE COMPANY, INC.	2017	5	0	5	0	2	3	2	0	0	38	32	40	127
ROSS AND WHARTON GAS COMPANY, INC.	2017	5	5	5	5	5	5	5	5	5	5	5	5	60
UNDERWOOD, DONALD D. DBA MUSTANG OIL CO	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2016	5	5	5	5	5	5	5	5	5	5	5	5	60
ROSS AND WHARTON GAS COMPANY, INC.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2012	0	0	0	0	0	0	0	0	0	75	0	0	75
ROSS AND WHARTON GAS COMPANY, INC.	2011	0	0	0	0	0	0	0	0	0	75	0	0	75
ROSS AND WHARTON GAS COMPANY, INC.	2010	0	0	0	0	0	0	0	0	75	0	0	0	75
ROSS AND WHARTON GAS COMPANY, INC.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS, MIKE	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS, MIKE	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2000	0	0	0	0	0	0	0	0	0	0	185	0	185
ROSS AND WHARTON GAS COMPANY, INC.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1997	281	528	523	560	0	0	0	0	0	0	0	0	1,892
ROSS AND WHARTON GAS COMPANY, INC.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0

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ROSS AND WHARTON GAS COMPANY, INC.	1995	0	0	0	0	0	0	0	0	0	356	0	120	36	512
ROSS AND WHARTON GAS COMPANY, INC.	1994	0	0	0	0	0	0	0	0	0	180	169	184	161	694
ROSS AND WHARTON GAS COMPANY, INC.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1989	23	0	0	0	0	0	0	0	0	0	0	0	0	23
ROSS AND WHARTON GAS COMPANY, INC.	1988	96	42	57	89	144	120	114	102	95	93	70	70		1,092



### Well Lifetime Oil Production

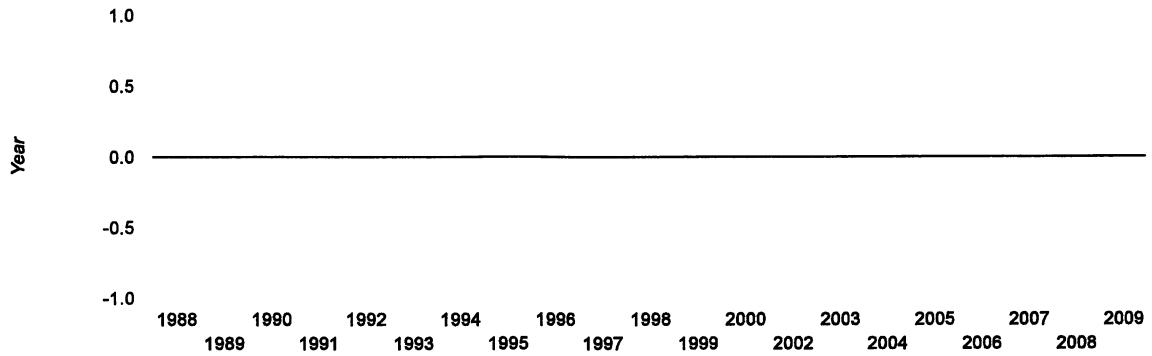
All amounts expressed in barrels

Reporting Operator	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ROSS AND WHARTON GAS COMPANY, INC.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
BAYER BROKERAGE COMPANY, INC.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
UNDERWOOD, DONALD D. DBA MUSTANG OIL CO	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS, MIKE	2003	0	0	0	0	0	0	0	0	0	0	0	0	0

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ROSS, MIKE	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND WHARTON GAS COMPANY, INC.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0



### Well Lifetime NGL Production

All amounts expressed in barrels

Reporting Operator	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
BAYER BROKERAGE COMPANY, INC.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
UNDERWOOD, DONALD D. DBA MUSTANG OIL CO	2017	0	0	0	0	0	0	0	0	0	0	0	0	0

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WW-4A  
Revised 6-07

1) Date: June 8, 2020  
2) Operator's Well Number  
7800

3) API Well No.: 47 - 001 - 00002

**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>NORTH CENTRAL RESOURCES, LLC</u>	Name	<u>CENTURY MINING, LLC.</u>
Address	<u>200 CHAPEL BROOK DRIVE</u> <u>BRIDGEPORT, WV 26330</u>	Address	<u>200 CHAPEL BROOK DRIVE</u> <u>BRIDGEPORT, WV 26330</u>
(b) Name	_____	(b) Coal Owner(s) with Declaration	_____
Address	_____	Name	<u>NORTH CENTRAL RESOURCES, LLC</u>
		Address	<u>200 CHAPEL BROOK DRIVE</u> <u>BRIDGEPORT, WV 26330</u>
(c) Name	_____	Name	_____
Address	_____	Address	_____
6) Inspector	<u>KENNETH GREYNOLDS</u>	(c) Coal Lessee with Declaration	_____
Address	<u>613 BROAD RUN RD.</u> <u>JANE LEW, WV 26378</u>	Name	_____
Telephone	<u>304-208-8813</u>	Address	_____

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

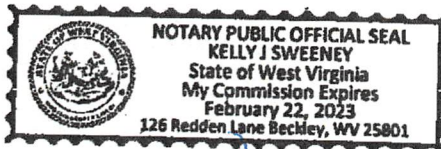
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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.

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Well Operator CENTURY MINING, LLC.  
 By: GARY MILES - Gary W. Miles  
 Its: CHIEF ENGINEER  
 Address 200 CHAPEL BROOK DRIVE  
BRIDGEPORT, WV 26330  
 Telephone 304-842-8000



Subscribed and sworn before me this 15<sup>th</sup> day of June, 2020  
Kelly J Sweeney Notary Public  
My Commission Expires 2/22/2023

**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 [depurivacyofficer@wv.gov](mailto:depurivacyofficer@wv.gov).

**SURFACE OWNER WAIVER**

Operator's Well Number 7800

**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 57<sup>th</sup> 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,

_____	Date _____	Name	<b>North Central Resources, LLC</b>
Signature		By	<b>Kevin Bealko - President</b>
		Its	_____
		Signature	<i>[Handwritten Signature]</i>
		Date	<i>6/8/20</i>
		Date	_____

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JUN 23 2020  
WV Department of Environmental Protection

WW-4B

API No. 47-001-00002 P  
Farm Name \_\_\_\_\_  
Well No. 7800

**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 X / 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: 6/8/20

By:   
Its Kevin Bealko  
President

NORTH CENTRAL RESOURCES, LLC

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WW-9  
(5/16)

API Number 47 - 001 00002  
Operator's Well No.

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

Operator Name Century Mining, LLC OP Code \_\_\_\_\_  
Watershed (HUC 10) Wash Run Quadrangle Century

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

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 Tanks and existing ponds.)

Will closed loop system be used? If so, describe: Yes. Gel circulated from tank thru well bore and returned to tank.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Gel or cement

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

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 Gary W Miles

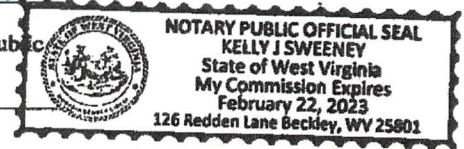
Company Official (Typed Name) Gary Miles

Company Official Title Chief Engineer

Subscribed and sworn before me this 15<sup>th</sup> day of June, 2020

Kelly J Sweeney  
My commission expires 2/22/2023

Notary Public



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Form WW-9

Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
See Attached	100	See Attached	100

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.

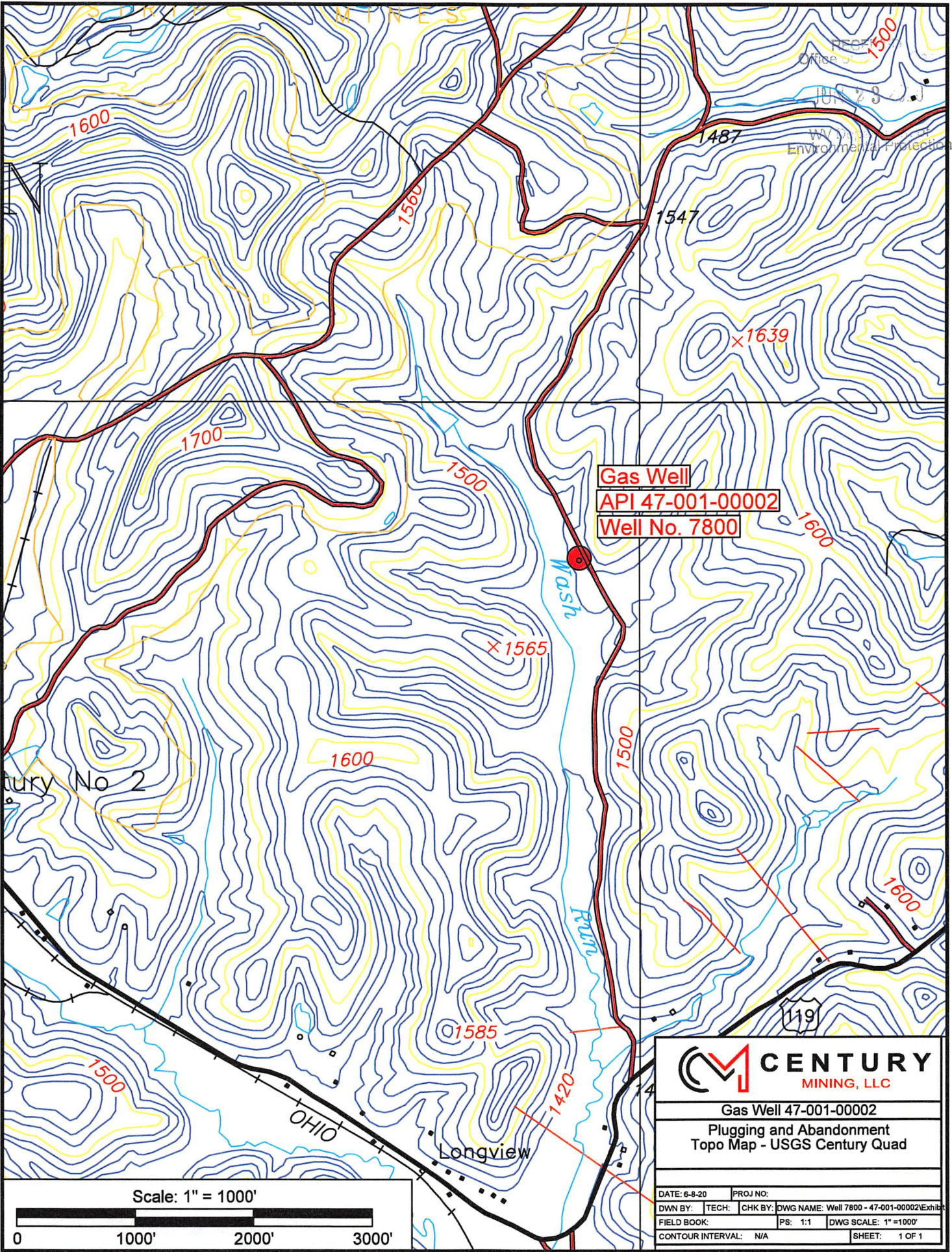
Plan Approved by: [Signature]

Comments: RECLAIM, RISELED & MULCH REAP

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Environmental Protection

Title: OIL & GAS INSPECTION Date: 6-18-20

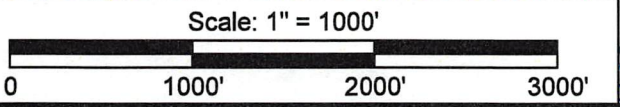
Field Reviewed? ( ) Yes (  ) No



**Gas Well**  
**API 47-001-00002**  
**Well No. 7800**

**CENTURY**  
 MINING, LLC

Gas Well 47-001-00002  
 Plugging and Abandonment  
 Topo Map - USGS Century Quad



DATE: 6-8-20	PROJ NO:
DWN BY:	TECH: CHK BY: DWG NAME: Well 7800 - 47-001-00002/Exhibit
FIELD BOOK:	PS: 1:1 DWG SCALE: 1"=1000'
CONTOUR INTERVAL: N/A	SHEET: 1 OF 1



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-001-00002 WELL NO.: 7800

FARM NAME: Indian Fork Coal & Coke Co.

RESPONSIBLE PARTY NAME: Gary W. Miles

COUNTY: Barbour DISTRICT: Union

QUADRANGLE: Century

SURFACE OWNER: North Central Resources, LLC

ROYALTY OWNER: North Central Resources, LLC

UTM GPS NORTHING: 4328094.48

UTM GPS EASTING: 574726.98 GPS ELEVATION: 441.57 METERS <sup>(1447')</sup>

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 \_\_\_\_\_

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.

Gary W. Miles  
Signature

Chief Engineer  
Title

6/8/20  
Date

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June 18, 2020

WV Department of Environmental Protection  
Office of Oil & Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

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JUN 23 2020

WV Department of  
Environmental Protection

Re: Permit to Plug and Abandon Well  
API 47-001-00002

Dear Sir:

Please find attached for your review a completed WW-48b Application for a Permit to Plug and Abandon the Well API 47-001-00002. This well is located in Wash Run Branch near Volga, WV in Barbour County as shown on the attached location map.

If you should have any additional question or need any additional information, please feel free to contact me at your convenience at (304)809-1167.

Respectfully,

A handwritten signature in blue ink that reads 'Gary W. Miles'.

Gary W. Miles  
Chief Engineer  
Century Mining, LLC