



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, June 8, 2020

WELL WORK PLUGGING PERMIT
Vertical Plugging

CENTURY MINING, LLC
PO BOX 279

VOLGA, WV 25238

Re: Permit approval for 9070
47-001-00047-00-00

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: 9070
Farm Name: NORTH CENTRAL RESOUK⁺
U.S. WELL NUMBER: 47-001-00047-00-00
Vertical Plugging
Date Issued: 6/8/2020

I

47-001 -00047 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.

WW-4B
Rev. 2/01

1) Date May 27, 2020
2) Operator's
Well No. 9070
3) API Well No. 47-001-00047

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 1465.65 Watershed Unnamed Tributary of Big 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 Name Kenneth Greynolds
Address 613 Broad Run Rd.
Jane Lew, WV 26378
9) Plugging Contractor Name CJ's Well Service, Inc.
Address P.O. Box 133
Rowe, VA 24646

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

-
-
-
-
-
-

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 6-3-20

- 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 ~~do~~ ^{NOT} 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 ~4,353 feet.
 - Set a bottom hole cement plug as required by the WV DEP from TD (~4,353' TO 3,900')
 - Run cement bond log, caliper, and gamma logs to determine depth of casing and cement bond to the 5-3/16" casing.
 - Cut casing and remove any free 5-3/16" casing.
 - If necessary, clean out well bore to tag bottom of hole plug to insure plug location.
 - Run a suite of logs to determine casing size, bottom of casing, depth of coal seam, deviation of well bore and cement bond to casing.
 - Gel (6%) will be placed from bottom hole plug to ~2,400'.
 - Cement hole from ~ 2,400' to 1,900'
 - Cut and remove any free 6-5/16" casing.
 - Run cement bond log, caliper, and gamma logs to determine depth of casing and cement bond to the 8-1/2" casing.
 - Cement hole from ~1,900' to 1,000'
 - If necessary, cut and pull free casing as determined by cement bond log on 8-1/2" casing.
 - Cement hole from ~1,000 to surface per WV DEP Regulations
 - Rig down and set monument as required by WV DEP.

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% CaCl₂. 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.

• TRY TO REMOVE 10" CASING. JWM

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Bar 47
Philippi Quad.
Company
Address
Farm
Location
Well No.
District
Surface

Hope Natural Gas Company
445 West Main St., Clarksburg, W.Va.
Indian Fork Coal & Coke Co. A 1020
9070 Elev. 1460
Union Barbour County

Gas Well
CASING & TUBING

10	390	390
8 1/2	1180	1180
6 5/8	1995	1955
5 3/16	3931	3931

Mineral
Commenced
Completed
Date shot

Oct. 2, 1946
Jan. 15, 1947
1-15-47 Depth 4325 to 4337
with 30 qts.

Casing cemented:
5 1/2 casing set in
10 bags cement

Volume
Fresh Water
Salt Water

78,000 G.F.
50' at 80' H.F.
1903

No. coal recorded

Little Dunkard	420	470
Big Dunkard	500	540
Gas Sand	540	695
First Salt	811	895
Second Salt	920	1103
Third Salt	1135	1300
Maxon	1408	1503
Little Lime	1585	1593
Big Lime	1617	1718
Big Injun	1718	1773
Berea	1898	1920
Gantz	1930	2020
Fifty Foot	2020	2068
Fourth	2385	2432
Fifth	2490	2515
Riley	4046	4057
Benson	4337	4353
Total Depth		4353

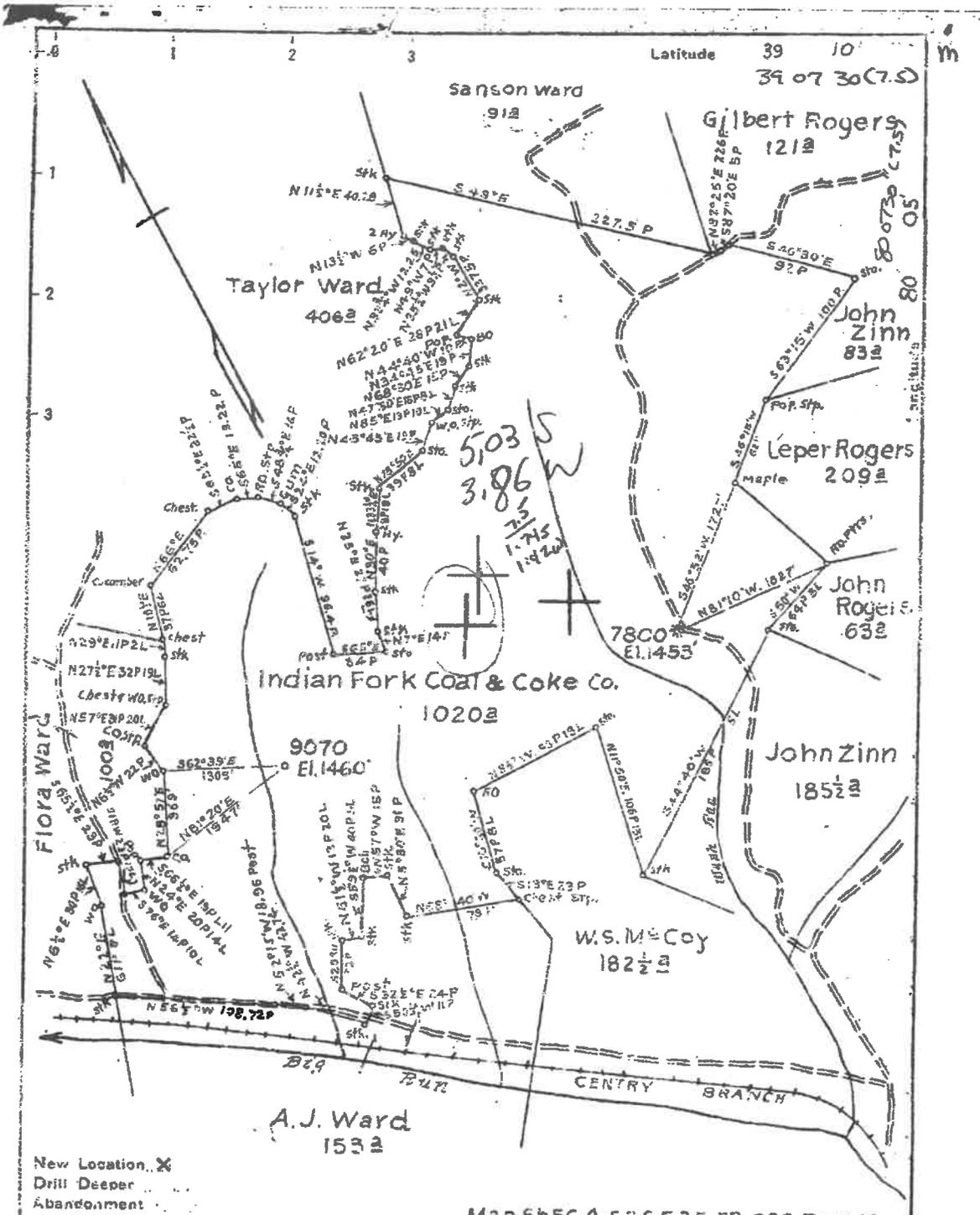
Show gas 4046
Gas 4328 4331

1617
200

1817
1460

357

✓
F59



New Location X
 Drill Deeper
 Abandonment

Map 5h56-A S26 E25 FB. 822 P. 11 & 12.

Company Hope Natural Gas Co
 Address Clarksburg, W.Va.
 Farm Indian Fork Coal & Coke Co
 Tract _____ Acres 102.0 Lease No. 47349
 Well (Farm) No. _____ Serial No. As Shown
 Elevation (Spirit Level) As Shown
 Quadrangle Philippi Clatsburg
 County Barbour District Union
 Engineer W.M. Bower
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 9-11-46 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. BAR-47, No. 9070

+ 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.

259

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

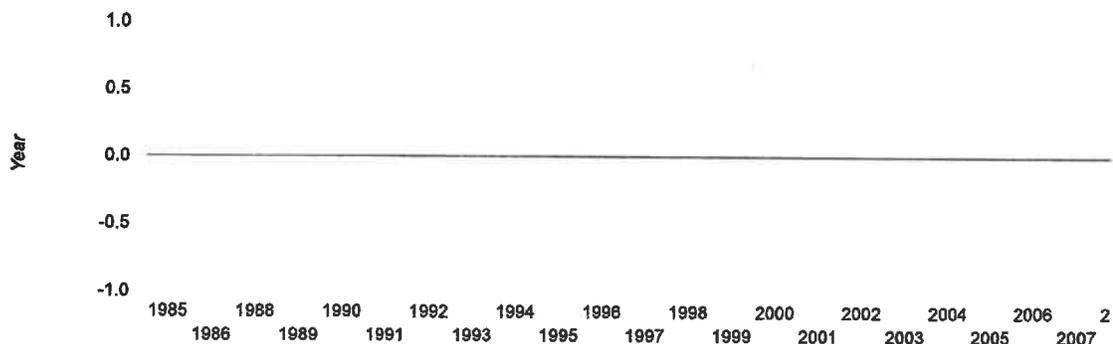
Well API	Operator	Surface Owner	Well Number	Well Status	Well Type	Last Permit Issue Date
4700100047	ALLIANCE PETROLEUM CO., LLC	INDIAN FORK COAL & COKE	9070	Active Well	Vertical	02/09/1947

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 mcf (thousand cubic feet)														
Reporting Operator	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ALLIANCE PETROLEUM CO., LLC	2019	18	0	0	0	0	0	0	0	0	0	0	0	18
ALLIANCE PETROLEUM CORPORATION	2018	0	0	0	0	0	0	0	0	1,013	0	0	63	1,076
CONSOL GAS COMPANY	2017	22	16	24	26	27	5	3	5	5	5	5	5	148
CONSOL GAS COMPANY	2016	28	25	33	36	35	40	31	34	30	29	26	24	371
CONSOL GAS COMPANY	2015	30	20	53	57	62	49	57	47	47	45	22	32	521
CONSOL GAS COMPANY	2014	39	40	68	59	67	68	71	62	60	68	54	53	709
CONSOL GAS COMPANY	2013	113	101	94	96	104	97	98	110	91	89	67	56	1,116
CONSOL GAS COMPANY	2012	83	96	129	128	81	124	111	131	127	141	134	139	1,424
CNX GAS COMPANY LLC	2011	197	154	194	164	143	82	120	120	129	153	82	144	1,682
CNX GAS COMPANY LLC	2010	52	182	294	235	124	96	143	86	146	264	210	165	1,997
DOMINION ENERGY TRANSMISSION, INC.	2009	304	250	177	185	162	121	75	115	289	201	182	183	2,244
DOMINION ENERGY TRANSMISSION, INC.	2008	346	315	314	237	10	272	326	83	345	375	328	329	3,280
DOMINION ENERGY TRANSMISSION, INC.	2007	46	8	26	22	11	92	480	257	321	376	330	304	2,253
DOMINION ENERGY TRANSMISSION, INC.	2006	161	94	118	65	141	53	94	97	112	120	115	85	1,255
DOMINION ENERGY TRANSMISSION, INC.	2005	188	186	163	223	179	203	318	285	267	267	215	155	2,649
DOMINION ENERGY TRANSMISSION, INC.	2004	235	247	334	315	296	285	354	391	365	351	323	265	3,761
DOMINION ENERGY TRANSMISSION, INC.	2003	62	60	57	51	55	277	448	350	275	324	426	396	2,781
DOMINION ENERGY TRANSMISSION, INC.	2002	102	84	92	84	67	60	57	86	68	68	68	65	901
DOMINION ENERGY TRANSMISSION, INC.	2001	130	116	126	130	132	120	117	107	102	107	102	104	1,383
DOMINION ENERGY TRANSMISSION, INC.	2000	194	169	168	158	157	150	163	127	142	155	143	138	1,864
DOMINION ENERGY TRANSMISSION, INC.	1999	279	219	239	262	239	229	361	277	197	210	199	194	2,905
DOMINION ENERGY TRANSMISSION, INC.	1998	6	182	236	246	236	392	395	428	403	385	299	0	3,218
DOMINION ENERGY TRANSMISSION, INC.	1997	169	207	215	183	175	160	152	279	317	291	168	68	2,384
DOMINION ENERGY TRANSMISSION, INC.	1996	201	132	136	146	142	117	109	191	290	267	233	225	2,189

DOMINION ENERGY TRANSMISSION, INC.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMINION ENERGY TRANSMISSION, INC.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0



Well Lifetime NGL Production

No Production Reported

The West Virginia Department of Environmental Protection (WVDEP) makes oil and gas well information and production data available to the general public through this internet service free of charge.

The oil and gas related data originate from the information reported to the Office of Oil and Gas at WVDEP by West Virginia oil and gas operators. The WVDEP does not guarantee their accuracy, precision, or completeness.

Neither the West Virginia Department of Environmental Protection nor its staff members are liable or responsible for any damage or loss resulting from the use of these data or from inaccuracies contained in the data.

We encourage you to report any problems, inconsistencies, or errors noted in using this data to the Office of Oil and Gas so that we can correct them and provide better service.

WW-4A
Revised 6-07

1) Date: May 27, 2020
2) Operator's Well Number
9070

3) API Well No.: 47 - 001 - 00047

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

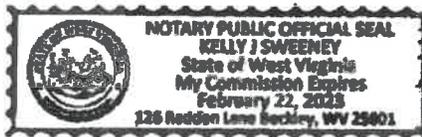
4) Surface Owner(s) to be served:		5) (a) Coal Operator	
(a) Name	<u>NORTH CENTRAL RESOURCES, LLC</u>	Name	<u>CENTURY MINING, LLC.</u>
Address	<u>200 CHAPEL BROOK DRIVE</u> <u>BRIDGEPORT, WV 26330</u>	Address	<u>200 CHAPEL BROOK DRIVE</u> <u>BRIDGEPORT, WV 26330</u>
(b) Name	_____	(b) Coal Owner(s) with 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>619 BROAD RUN RD.</u> <u>JANE LEW, WV 26379</u>	Name	_____
Telephone	<u>304-208-6619</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 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 CENTURY MINING, LLC.
 By: GARY MILES - Gary W. Miles
 As: CHIEF ENGINEER
 Address 200 CHAPEL BROOK DRIVE
BRIDGEPORT, WV 26330
 Telephone 304-842-8000

Subscribed and sworn before me this 27th day of May, 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 depprivacyofficer@wv.gov.

SURFACE OWNER WAIVER

Operator's Well
Number

9070

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 5-27-20

Name North Central Resources, LLC

By Kevin Bealko - President

Date

Signature

Date

WW-4B

API No. 47-001-00047
Farm Name _____
Well No. 9070

**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: 5-27-20

 Century Mining, LLC
By: **Kevin Bealko**
Its **President**

WW-9
(5/16)

API Number 47 - 001 - 00047
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 systems 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 Miles

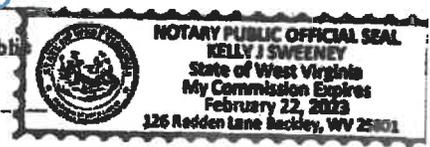
Company Official (Typed Name) Gary Miles

Company Official Title Chief Engineer

Subscribed and sworn before me this 27th day of May, 2020

My commission expires 2/22/2023

Notary Public



Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Line 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:

Map(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.

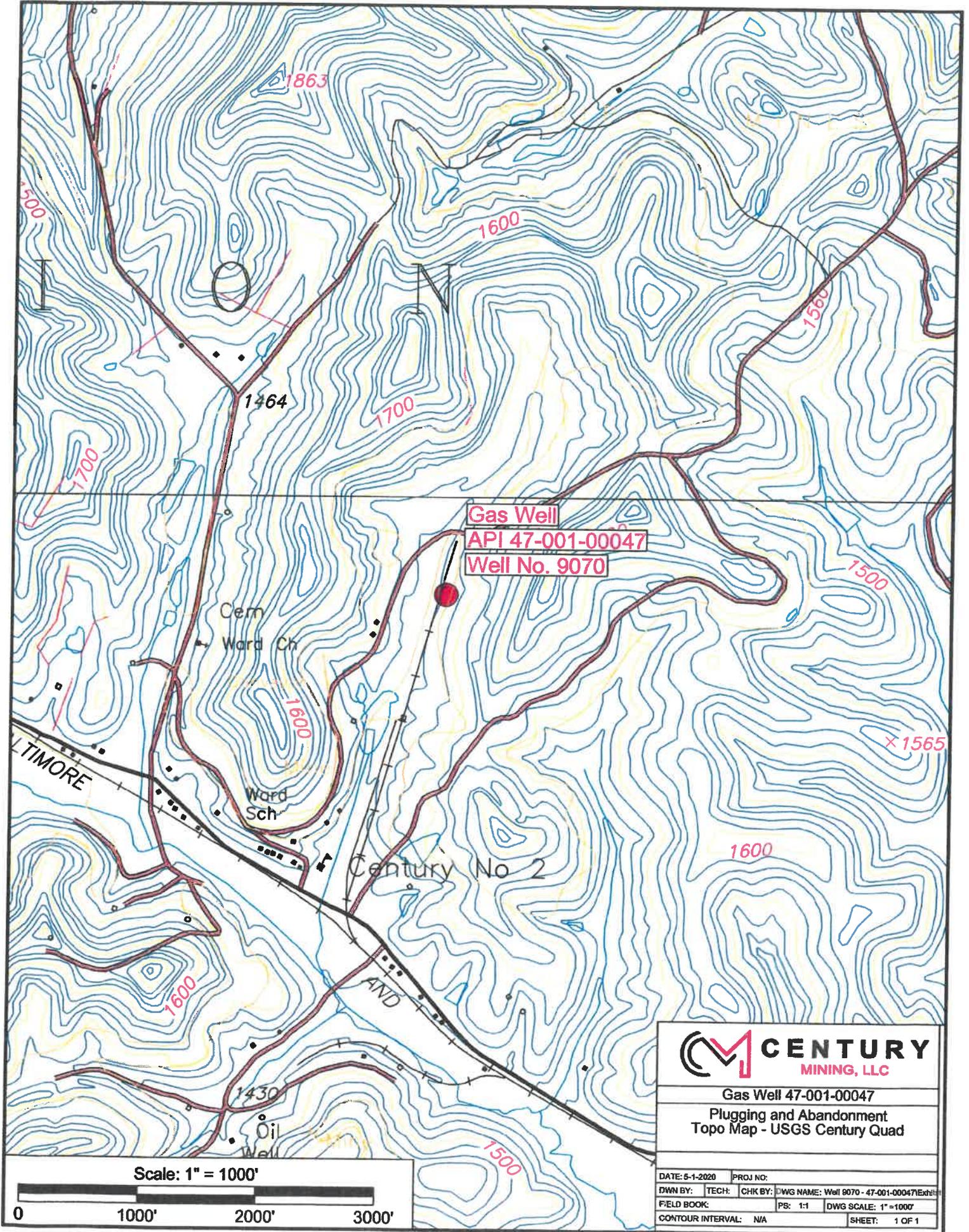
Plan Approved by: Thomas J. Reynolds

Comments: RECLAIM SEED + MULCH AS AP

Title: OIL & GAS INSPECTOR

Date: 6-3-20

Field Reviewed? () Yes () No



Gas Well 47-001-00047
 Plugging and Abandonment
 Topo Map - USGS Century Quad

DATE: 5-1-2020	PROJ NO:
DWN BY:	TECH: CHK BY: DWG NAME: Well 9070 - 47-001-00047
FIELD BOOK:	PS: 1:1 DWG SCALE: 1"=1000'
CONTOUR INTERVAL: N/A	SHEET: 1 OF 1

Scale: 1" = 1000'



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-001-00047 WELL NO.: 9070

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: 4328215.86 (1465.3 FT)

UTM GPS EASTING: 573342.68 GPS ELEVATION: 446.73 M

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.

Gary W. Miles

Signature

Chief Engineer

Title

5/27/20

Date



June 3, 2020

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

Please find attached for your review a completed WW-4B (Signed off by inspector), WW-4A, Surface / Mineral Waivers, WW-9, WW-7, Well Records and Map for the approval to plug Well API#47-001-00047. This well is located near Volga, WV in Barbour County as shown on the attached location map.

Should you have any questions or comments, please feel free to contact me at (304) 809-1167.

Respectfully,

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

Gary W. Miles
Chief Engineer
Century Mining, LLC