



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, March 15, 2021
WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

CNX GAS COMPANY LLC
1000 CONSOL ENERGY DR
CANONSBURG, PA 15370

Re: Permit approval for I-2N
47-051-00860-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a light blue circular stamp or watermark.

James A. Martin
Chief

Operator's Well Number: I-2N
Farm Name: RINE, OKEY L.
U.S. WELL NUMBER: 47-051-00860-00-00
Coal Bed Methane Well Plugging
Date Issued: 3/15/2021

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date 12-1, 2020
2) Operator's Well No. 1-2N
3) API Well No. 47-051 - 00860

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 x

5) Location: Elevation 1228 Watershed Leach Run
District Washington County Marshall Quadrangle Moundsville

6) Well Operator CNX Gas Company LLC 7) Designated Agent Anthony Kendziora
Address 1000 Consol Energy Dr. Address 1000 Consol Energy Dr
Canonsburg, PA 15317 Canonsburg PA 15317

8) Oil and Gas Inspector to be notified Name James Nicholson
Address P.O. Box 44
Moundsville, WV 26041
9) Plugging Contractor Name Coastal Drilling East LLC
Address 70 Gums springs road
Morgantown WV 26508

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

See attached PROCEDURE

WELL MAY HAVE 200' OF 8 5/8" CASING.

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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 Jim Nicholson Date 12/7/2020

03/19/2021

Well: Rine (1-2N)

API#: 47-051-00860

District: Washington

County: Marshall

Elevation: 1228'

Rine (1-2N) Proposed Plugging and Abandonment Procedure

1. Run in with gauge ring and find TD along with hole size. (Make call to CNX if tagging high to come up with game plan)
2. Once TD has been reached, Run Collar Locator and determine bottom of 8 5/8" casing
3. Once bottom of casing has been located RIH with bridge plug and set in bottom joint of casing
4. Once CIBP has been set load hole with water and Bond Log 8 5/8" casing. If cement top is found to not be at surface notify CNX and prepare to pull uncemented casing.
5. If cement on 8 5/8" is at surface or once uncemented has been pulled prepare to cement well to surface
6. TIH with work string to CIBP and cement well to surface
7. TOOH w/ work string and top off well with cement
8. Install 6"x14' monument (10' below grade, 4' above grade). Monument must contain API#, Well Name, Company Name and Date Plugged

Note: All cement will be Class A. All spacers will be 6% gel

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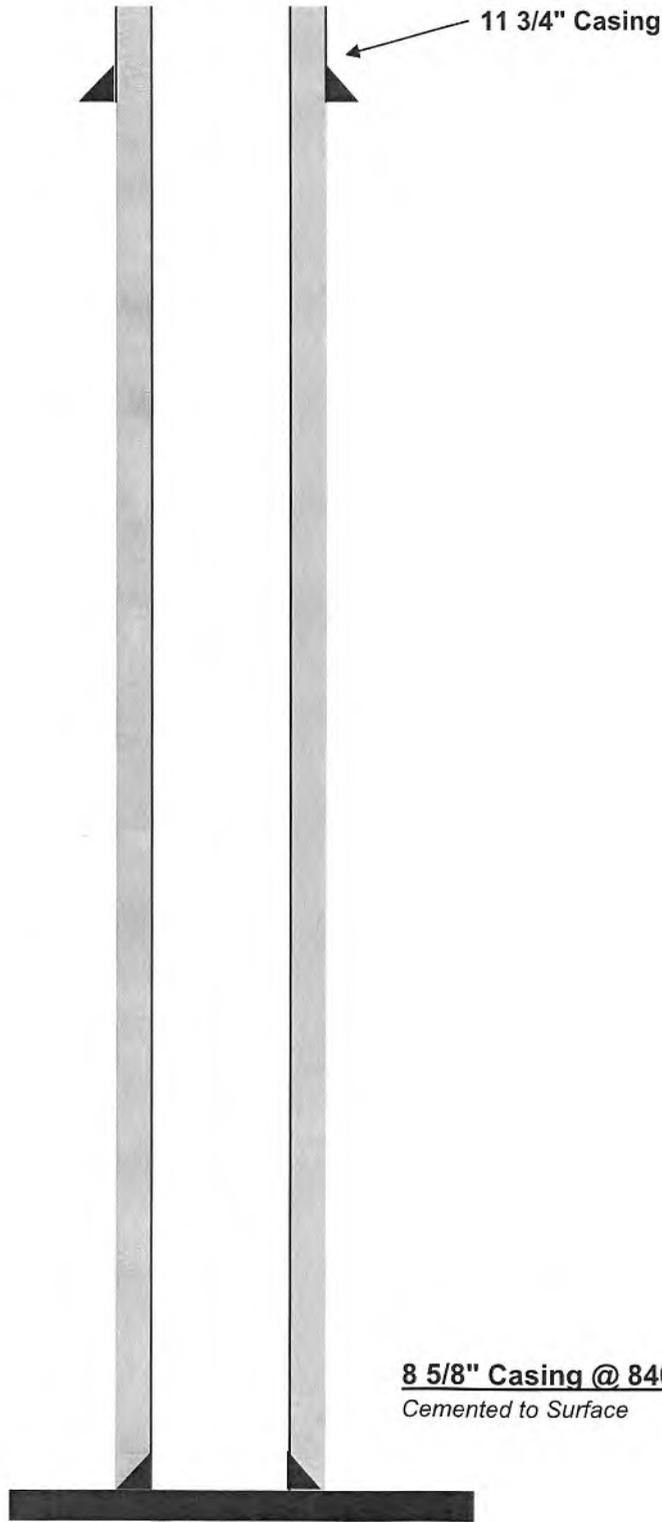
Rine 1-2N

Washington District, Marshall WV

Original Completion : ?

API #47-051-00860

Elevation = 1228'



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Pittsburgh Seam

TD @ (840')

03/19/2021

WR-35
Rev. 8/23/13

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 051 - 00860 County Marshall District Washington
Quad Moundsville Pad Name Rine 1-2N Field/Pool Name _____
Farm name Okey L. Rine Well Number 1-2N
Operator (as registered with the OOG) CNX Gas Company LLC
Address 1000 Consol Energy Drive City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4417678.3 Easting 526769.8
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1228 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)

Date permit issued _____ Date drilling commenced _____ Date drilling ceased _____
Date completion activities began _____ Date completion activities ceased _____
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

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Freshwater depth(s) ft _____ Open mine(s) (Y/N) depths _____ DEC 10 2020
Salt water depth(s) ft _____ Void(s) encountered (Y/N) depths _____ WV Department of
Coal depth(s) ft 840 Cavern(s) encountered (Y/N) depths _____ Environmental Protection
Is coal being mined in area (Y/N) _____

Reviewed by:

~~03/19/2021~~

WR-35
Rev. 8/23/13

API 47-051 - 00860 Farm name Okey L. Rine Well number 1-2N

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor		11.75					
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production		8.625	840				
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) ~840 Loggers TD (ft) _____
 Deepest formation penetrated _____ Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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03/19/2021

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
COALBED METHANE PERMIT APPLICATION

1) Well Operator: CNX Gas Company, LLC (North) 2) Well Name Ireland 2 North CBM Gob Well
3) Operator's Well Number I-2N 4) Elevation 1228.51'

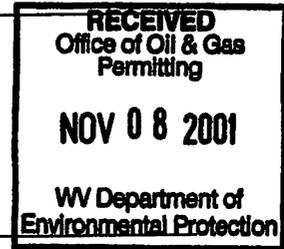
5) Well Type: (a) Oil _____ / or Gas X /
(b) If Gas: Production X / Underground Storage _____ / CBM X /
Deep _____ / Shallow X /

6) Proposed Target Formation(s): Pittsburgh Coal Seam Mine Methane

7) Proposed Total Depth: 729 feet

8) Approximate Fresh Water Strata Depths: 0-170'

9) Approximate Salt Water Depths: Not known



10) Approximate Coal Seam Depths: Pittsburgh - 729'

11) Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No _____ /

12) (a) Proposed Well Work: Drill a well into gob area to produce methane gas

(b) If Stimulation Proposed, Describe Means to be Used to Stimulate Well: N/A

13) (a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes ___ / No X /

(b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well.

14) (a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)?
Yes _____ / No X /

(b) If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.

15) (a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes ___ / No X /

(b) If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth. _____

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IRELAND 2 NORTH CBM GOB WELL NO. I-2N

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For Drilling		Left in Well
Conductor	13 3/8"	H-40	48	30	30	12.6
Fresh Water	8 5/8"	H-40	28	200 *	200 *	50.8
Coal						
Intermediate						
Production	5 1/2"	H-40	14	629	629	117.3
Tubing						
Liners						

Handwritten signature

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Permitting

NOV 08 2001

WV Department of Environmental Protection
Baltimore, MD

PACKERS:

Note: Drill 7 7/8" hole below 8 5/8" casing to Pittsburgh seam gob. The 5 1/2" casing shall be installed from gob to surface. Packer shall be set one joint above the bottom of 5 1/2" casing and cemented to surface. Bottom joint of 5 1/2" casing is to be slotted.

*** It is proposed to install and leave 200 feet of the 8 5/8" freshwater casing in the hole, but this casing will actually be set 30 feet below the last freshwater, as per regulation.**

For Office of Oil and Gas Use Only

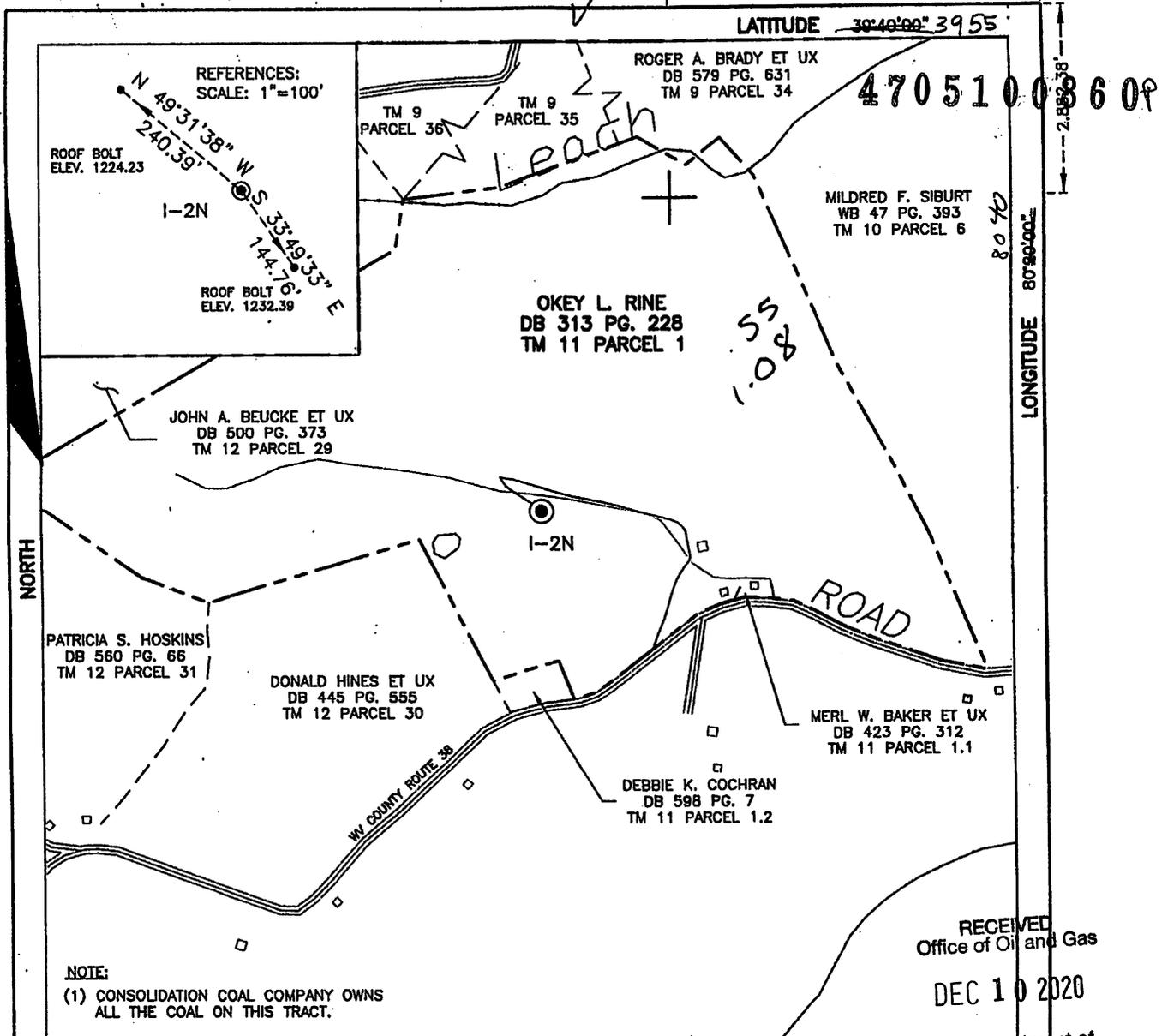
- Fee(s) paid:
 Well Work Permit
 Reclamation Fund
 WPCP
 Plat
 WW-9
 WW-5B
 Bond _____
 Agent
 (Type)

*\$1450
CK # 3158*

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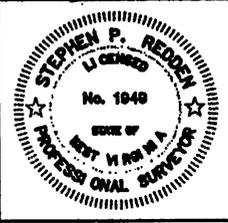
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. B01-272-176
DRAWING NO. B01-272-A6
SCALE 1" : 500'
MINIMUM DEGREE OF
ACCURACY 1 : 2500
PROVEN SOURCE OF
ELEVATION GAS WELL
MARSHALL NO. 00540

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.
(SIGNED) Stephen P. Redden
Professional Surveyor No. 1949



WVDEP
OFFICE OF OIL AND GAS
1356 HANSFORD ST.
CHARLESTON, WV 25301



DATE OCT. 24, 2001
OPERATOR'S WELL NO. I-2N
API WELL NO. 47-051-00860C
STATE COUNTY PERMIT

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1228.51 WATERSHED TOM'S RUN OF MIDDLE GRAVE CREEK OF THE OHIO RIVER
DISTRICT WASHINGTON COUNTY MARSHALL
QUADRANGLE MOUNDSVILLE ACREAGE 87.577
SURFACE OWNER OKEY L. RINE LEASE ACREAGE _____
OIL & GAS ROYALTY OWNER (CBM GOB) SEE NOTE 1 ABOVE LEASE NO. _____
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE
IN WELL (SPECIFY) _____
PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION PITTSBURGH
ESTIMATED DEPTH 840 FEET

WELL OPERATOR CNX GAS COMPANY LLC (NORTH)
ADDRESS 1800 WASHINGTON ROAD
PITTSBURGH, PA 15421-1421

DESIGNATED AGENT EDWIN L. MERRIFIELD
ADDRESS 116 1/2 HUNSAKER STREET
FAIRMONT, WV 26554

03/19/2021

ALLIANCE CONSULTING, INC. (WV GAS DWG) FORM W-8

MARS 0860C

WW-4A
Revised 6-07

1) Date: 12-1-2020
2) Operator's Well Number
1-2N

3) API Well No.: 47 - 051 - 00860

**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>Okey L. Rine, Jr.</u>	Name <u>Consolidated Coal Company</u>
Address <u>6 Tracey Lane</u>	Address <u>46226 National Road</u>
<u>Moundsville, WV 26041</u>	<u>Saint Clairsville, OH 43950</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consolidated Coal Company</u>
(c) Name _____	Address <u>46226 National Road</u>
Address _____	<u>Saint Clairsville, OH 43950</u>
6) Inspector <u>James Nicholson</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 44</u>	Name _____
<u>Moundsville, WV 26041</u>	Address _____
Telephone <u>304-552-3874</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.

Well Operator	CNX Gas Company LLC
By:	Raymond Hoon 
Its:	Senior Project Manager
Address	1000 Consol Energy Dr Canonsburg, PA 15317
Telephone	724-485-4000

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Subscribed and sworn before me this 13th day of December
Wicki L. Smith

WV Department of Environmental Protection
Commonwealth of Pennsylvania - Notary Seal
Wicki L. Smith, Notary Public
Notary Public, Putnam County
My commission expires June 19, 2022
Commission number 1155912
Member, Pennsylvania Association of Notaries

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.

03/19/2021

7019 1120 0001 5856 2815

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Saint Clairsville, OH 43950

Certified Mail Fee	\$3.55	- 0518 55 Postmark Here DEC - 3 2020 12/03/2020 15317
Extra Services & Fees (check box, add fee as appropriate)	\$0.00	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$2.80	
Total Postage and Fees	\$6.35	
Sent To	Consolidated Coal Company	
Street and	46226 National Road	
City, State	Saint Clairsville, OH 43950	
PS Form	Instructions	

7019 1120 0001 5856 2822

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Moundsville, WV 26041

Certified Mail Fee	\$3.55	- 0518 55 Postmark Here DEC 3 2020 12/03/2020 15317
Extra Services & Fees (check box, add fee as appropriate)	\$0.00	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$1.20	
Total Postage and Fees	\$4.75	
Sent To	Okey L. Rine, Jr. (1-2n)	
Street and	6 Tracey Lane	
City, State	Moundsville, WV 26041	
PS Form	Instructions	

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03/19/2021

WW-9
(5/16)

API Number 47 - 051 - 00860
Operator's Well No. 1-2n

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

Operator Name CNX Gas Company, LLC OP Code 494458046

Watershed (HUC 10) Leach Run Quadrangle Moundsville

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 Waste Management or Ryan Environmental will use Vacuum trucks and properly dispose of any fluid or waste return)

Will closed loop system be used? If so, describe: no

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

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

Additives to be used in drilling medium? na

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. na

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

-Landfill or offsite name/permit number? na

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 Raymond Hoon

Company Official (Typed Name) Raymond Hoon

Company Official Title Senior Project Manager

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Subscribed and sworn before me this 3RD day of December, 2020

Vicki L. Smith

Commonwealth of Pennsylvania - Notary Seal
Vicki L. Smith, Notary Public
Indiana County
My commission expires June 19, 2022
Commission number 1155912
Member, Pennsylvania Association of Notaries

Notary Public

My commission expires _____

03/19/2021

Proposed Revegetation Treatment: Acres Disturbed 1.2 acres Prevegetation pH

Lime 2-3 Tons/acre or to correct to pH

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch hay or straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	Landino Clover	5

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: *Jim Nicholas*

Comments:

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Title: Oil & Gas Inspector

Date:

Field Reviewed? () Yes () No

WW-7
8-30-06



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

API: 4705100860 WELL NO.: 1-2N
 FARM NAME: Okey L. Rine
 RESPONSIBLE PARTY NAME: CNX
 COUNTY: Marshall DISTRICT: Washington
 QUADRANGLE: Moundsville
 SURFACE OWNER: RINE OKEY L JR
 ROYALTY OWNER: RINE OKEY L JR
 UTM GPS NORTHING: 4417683.17
 UTM GPS EASTING: 526774.06 GPS ELEVATION: 1228.20

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 _____

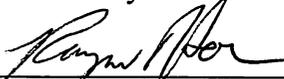
Real-Time Differential _____

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.


Signature

Project MANAGER
Title

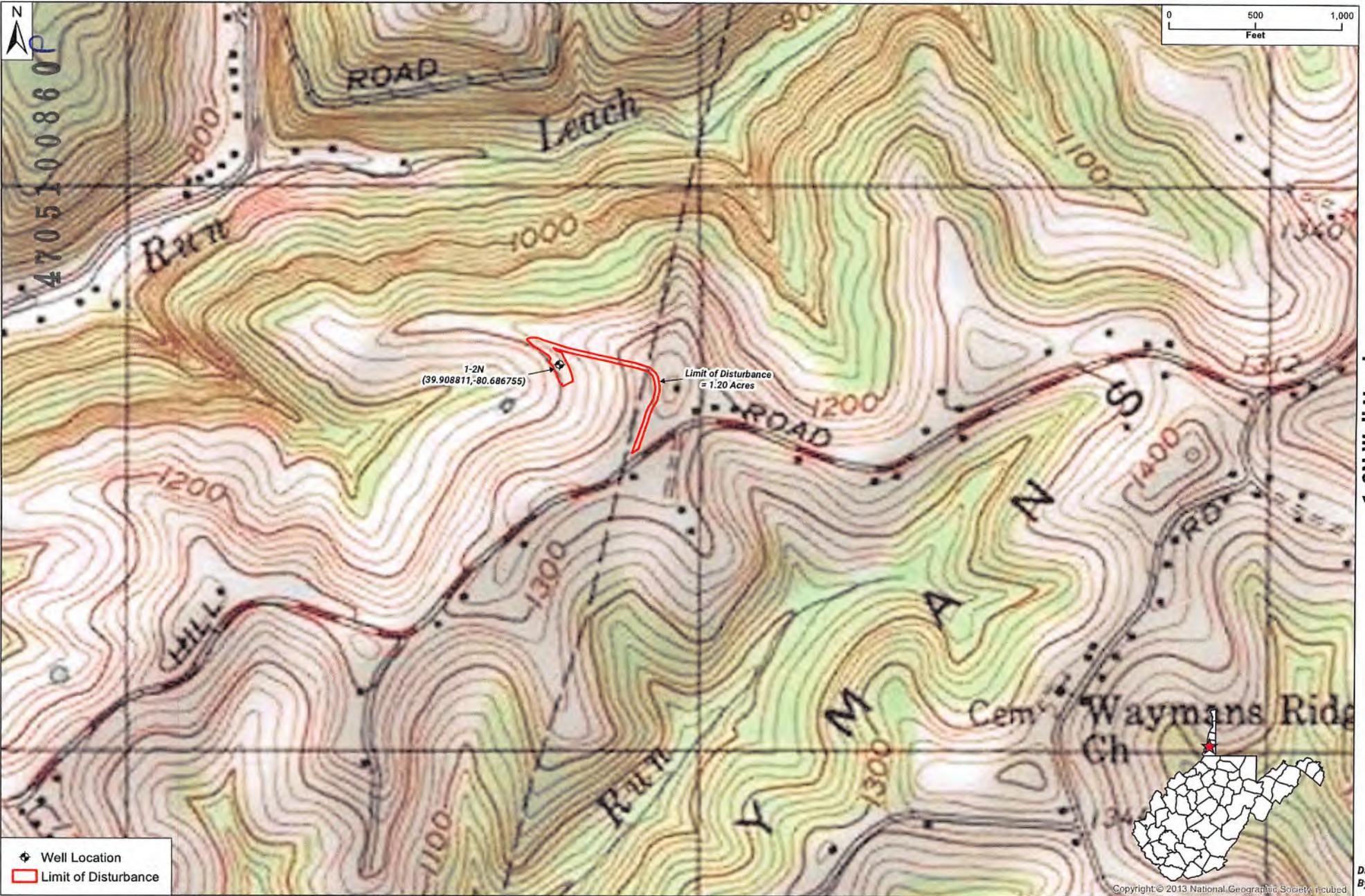
12-3-20
Date

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03/19/2021



1-2N Well Head
 Site Location Topographic Map
 Marshall County, West Virginia



Date: 11/19/21
 By: R. Kenner

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

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WV Department of
Environmental Protection

03/19/2021