



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, April 12, 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 WE WV 5403
47-061-01326-00-00

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: WE WV 5403
Farm Name: COWELL, ARHTUR & BESSIE
U.S. WELL NUMBER: 47-061-01326-00-00
Coal Bed Methane Well Plugging
Date Issued: 4/12/2021

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. 4 right 4
3) API Well No. 47-001 - 01228

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 * ___ / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production * ___ or Underground storage ___) Deep ___ / Shallow * ___

5) Location: Elevation 1094 Watershed Honey Run
District Battelle County Monongalia Quadrangle Wadestown

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 9) Plugging Contractor
Name Bryan Harris Name Coastal Drilling East LLC
Address P.O. Box 157 Address 70 Gums springs road
Volga, WV 26238 Morgantown WV 26508

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

See attached

EXISTING GOB WELL THAT WAS PERMITTED FOR CBM PRODUCTION,
SO THE WW 5B IS LIKELY SHOWING THE "AS BUILT/COMPLETION"

gwm

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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 Bryan Harris Date 12-2-20

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PERMIT CONDITIONS

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3. Well work activities shall not constitute a hazard to the safety of persons.

Well: 5403 (4R4) Cowell

API#: 47-061-01326

District: Battelle

County: Monongalia

Elevation: 1094'

5403 Cowell (4R4) Proposed Plugging and Abandonment Procedure

1. Run in and tag TD (808') with wireline and CCL to find TD and confirm top of perforated pipe. Confirm TD is inside slotted casing. (Make call to CNX if tagging high to come up with game plan)
2. Once TD has been reached, proceed to fill slotted casing with pea gravel. (1 ton= ~20 Cu. Ft. fill)
3. Once pea gravel has been placed in casing verify top of gravel
4. Once top of pea gravel has been verified TIH with tubing and prepare to cement
5. Place 50' cement plug on top of pea gravel
6. TOOH with cement string
7. Rig up wireline and tag cement plug
8. TOOH and prepare to run Bond Log on 7" casing if Bond Log tool will go to bottom
9. Run Bond Log from top of cement to surface to verify casing is cemented to surface. If cement top is found to not be at surface notify CNX and prepare to pull uncemented casing
10. If cement on 7" is at surface or once uncemented has been pulled prepare to cement well to surface
11. TIH with work string to cement plug and cement well to surface
12. TOOH w/ work string and top off well with cement
13. 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

Danya Hamir

12-2-20

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04/16/2021

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

API 47 - 061 - 01326 County Monongalia District Battelle
Quad Wadestown Pad Name Cowell 5403 Field/Pool Name _____
Farm name Arthur G. & Bessie T. Cowell Well Number 5403
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 4392028.8 Easting 558560.7
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1102 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 _____

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

Freshwater depth(s) ft _____ Open mine(s) (Y/N) depths _____
Salt water depth(s) ft _____ Void(s) encountered (Y/N) depths _____
Coal depth(s) ft _____ Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) _____

Reviewed by:
04/16/2021

API 47- 061 - 01326 Farm name Arthur G. & Bessie T. Cowell Well number 5403

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		10	~20				
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production		7"	808				
Tubing							
Packer type and depth set		9" Packer @ ~508'					

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) 808 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 _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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API 47- 061 - 01326 Farm name Arthur G. & Bessie T. Cowell Well number 5403

PRODUCING FORMATION(S)	DEPTHS	
	TVD	MD
Pittsburgh Coal Seam		

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

Please insert additional pages as applicable.

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

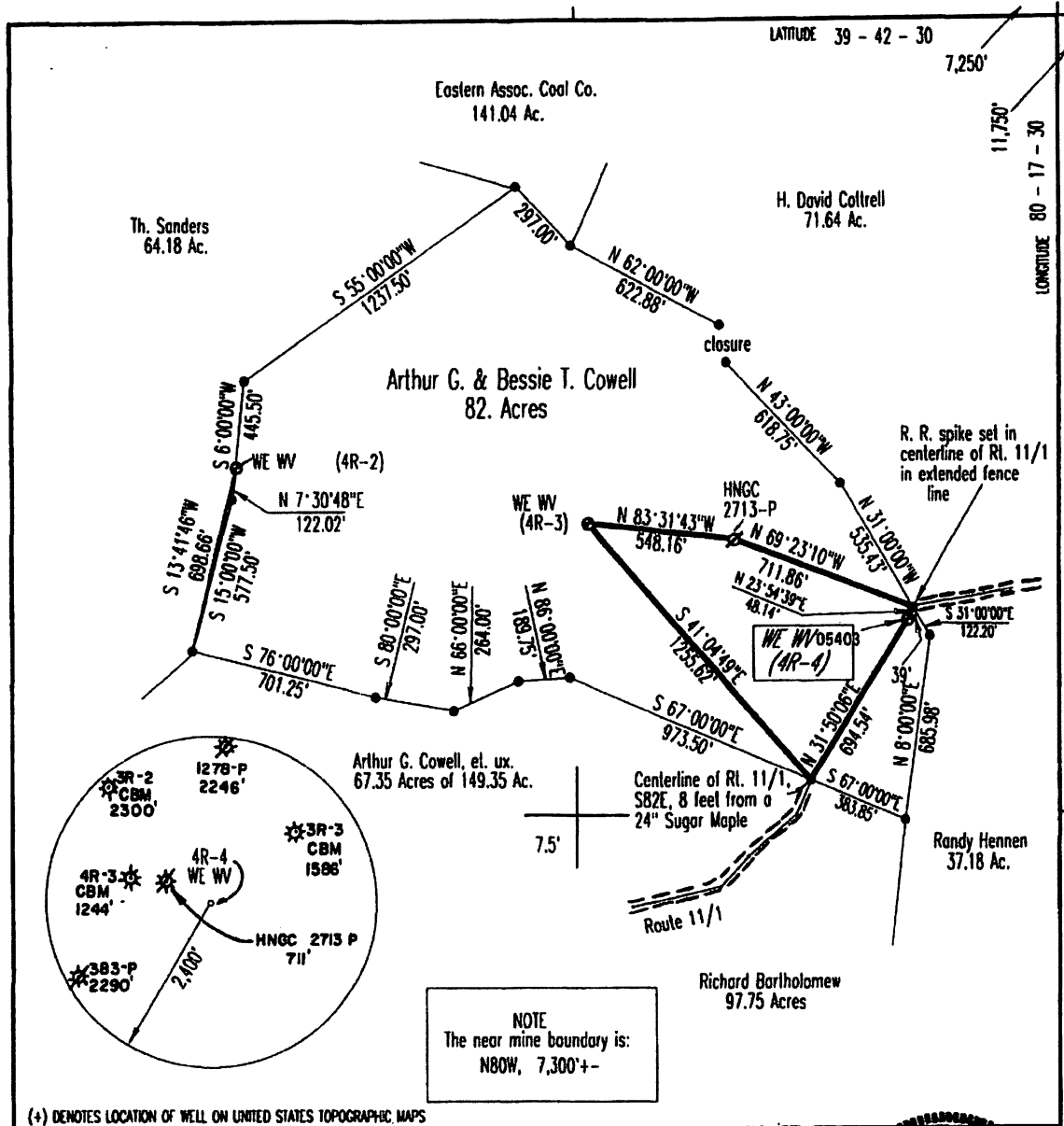
Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company _____
Address _____ City _____ State _____ Zip _____

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Patrick Taylor Telephone 724-485-4150
Signature _____ Title Sr. Engineer Date 8/27/2020

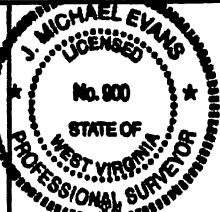


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

NOTE
The near mine boundary is:
N80W, 7,300'+-

FILE & DRAWING NO. _____
SCALE One inch = 500 Feet
MINIMUM DEGREE OF ACCURACY 1 in 2500
PROVEN SOURCE OF ELEVATION CBM well 3R-3 at 1219'

FORM WV-6 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) *J. Michael Evans*
PROFESSIONAL SURVEYOR 900



LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD, NITRO, WV 25143-2506

DATE October 18, 1998
OPERATORS WELL NO. WE W05403
API WELL NO. CBM Vent 4R-4

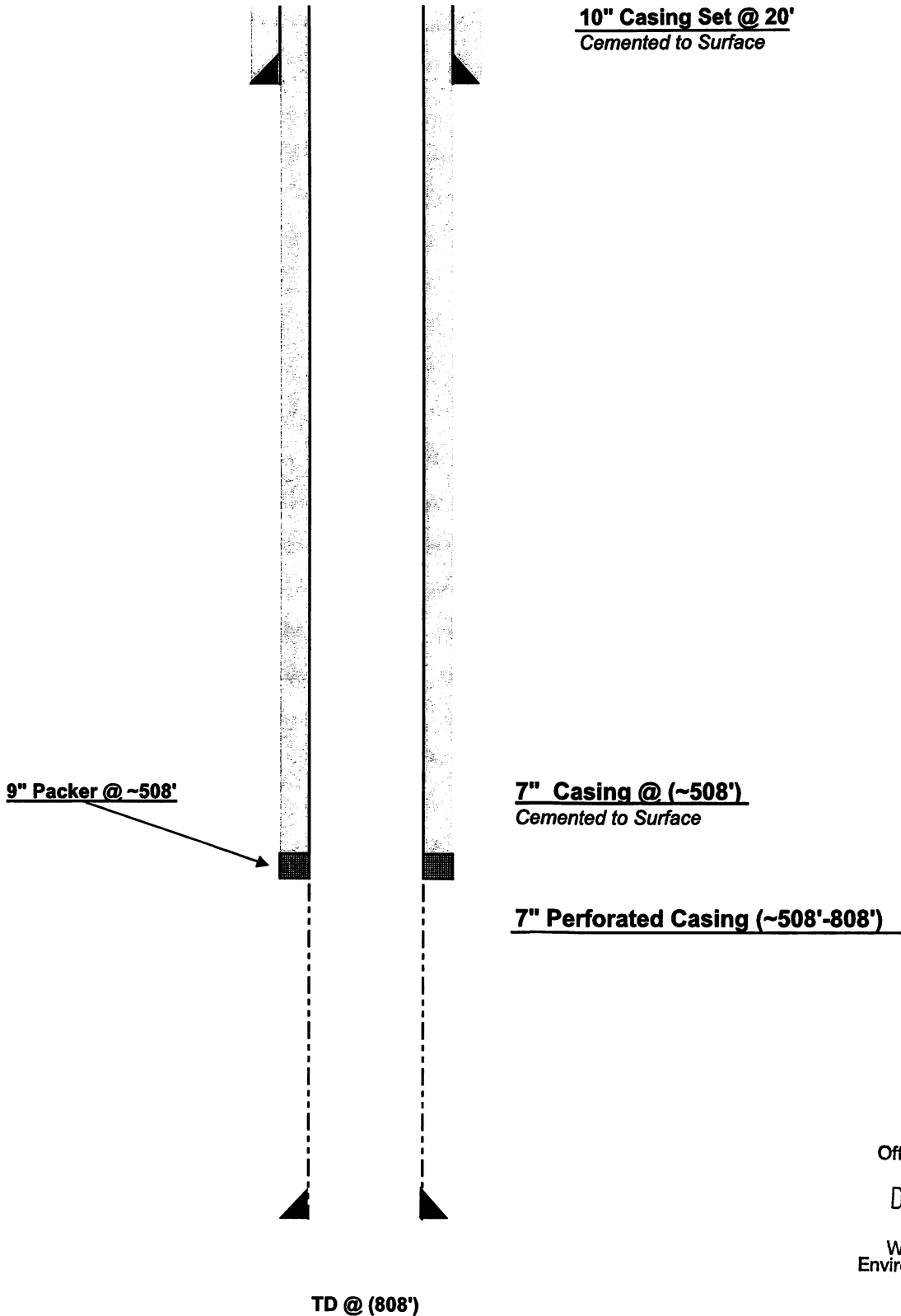
WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 1,102' WATERSHED Honey Run of Miracle Run
DISTRICT Battelle 7.5' COUNTY Monongalia
QUADRANGLE Wadestown 7.5'
SURFACE OWNER Arthur G. & Bessie T. Cowell ACREAGE 82 Acres of 149.35 Acres
OIL & GAS ROYALTY OWNER Arthur G. & Bessie T. Cowell LEASE ACREAGE 82.
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Produce Methane Gas Through
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ Existing Mine Vent
TARGET FORMATION Pittsburgh Gob ESTIMATED DEPTH 808'
WELL OPERATOR CNG Producing Company DESIGNATED AGENT Rodney J. Biggs
ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330 ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330

COUNTY NAME
PERMIT

04/16/2021

4706101326P

Cowell (5403) 4R4
Battelle District, Monongalia WV
Original Completion : ?
API #47-061-01326
Elevation = 1094'



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04/16/2021

47-061-01326C

18

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

1) Well Operator: CNG Producing Company 10110 (1) 652 2) Well Name Cowell

3) Operator's Well Number WEWV05403 4) Elevation 1102'

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

6) Proposed Target Formation(s): Pittsburgh GOB

7) Proposed Total Depth: 808' feet

8) Approximate Fresh Water Strata Depths: 60'

9) Approximate Salt Water Depths: N/A

Waynesburg 472-76' Sewickley 748-54' Red Stone 808-11

10) Approximate Coal Seam Depths:

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

12) (a) Proposed Well Work: Connect an existing coal mine GOB Vent Hole for production.

(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 x / No /

(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. Pittsburgh GOB

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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WV Division of Environmental Protection

26352

CK 2815 \$250 dep35

ds

47-061-01326C

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For Drilling		Left in Well
Conductor	10"				18'	5 sks
Fresh Water						
Coal						
Intermediate						
Production	7"	J-55	17		814'	130 sks
Tubing						
Liners						

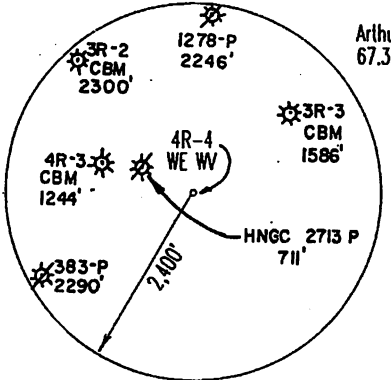
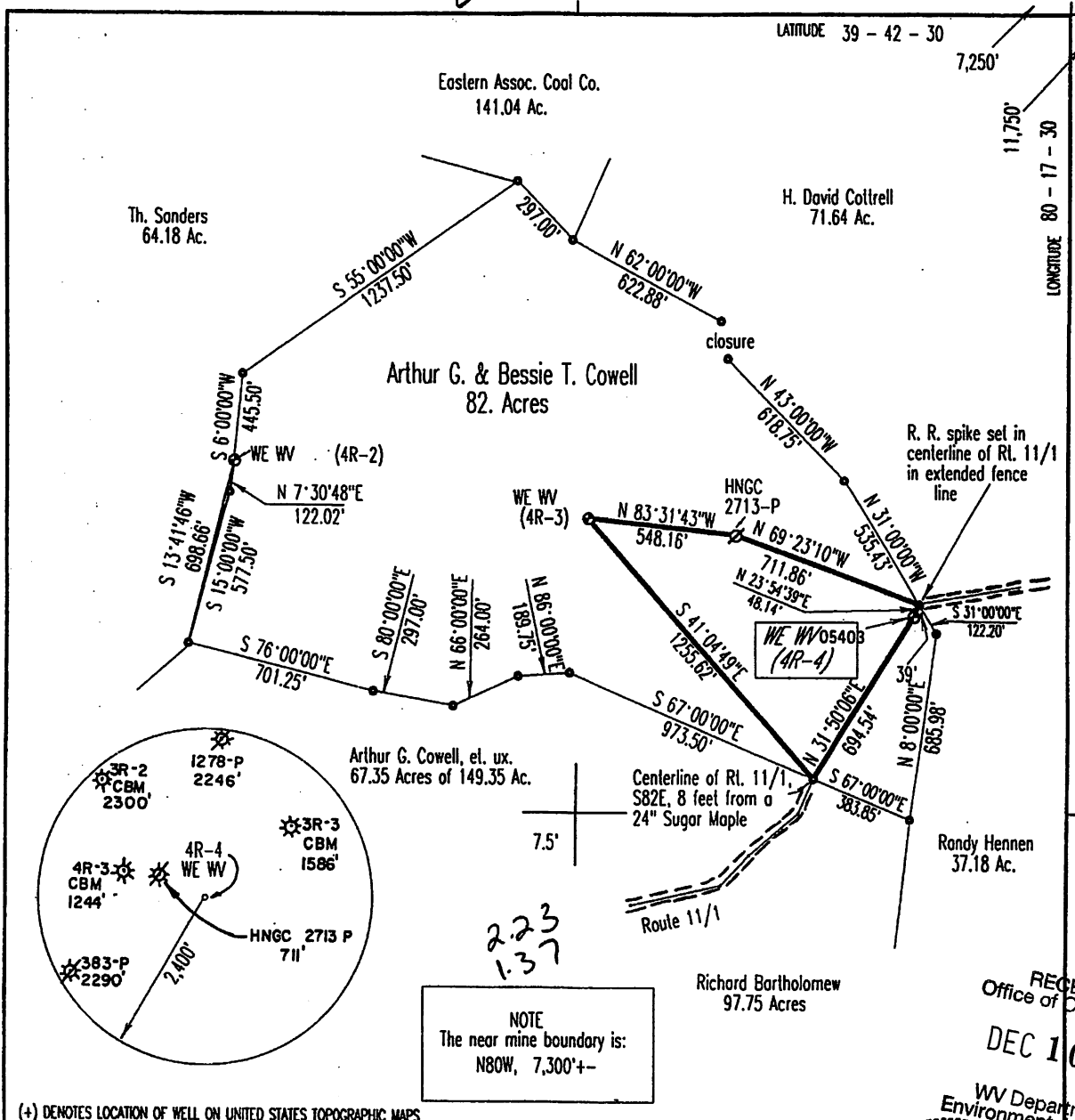
PACKERS: 9" Parmaco Anchor @ 500'

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WW Division of
Environmental Protection

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)

05

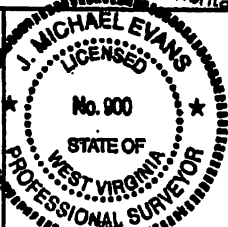


NOTE
The near mine boundary is:
N80W, 7,300'+-

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

FILE & DRAWING NO. _____
SCALE One inch = 500 Feet
MINIMUM DEGREE OF ACCURACY 1 in 2500
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PROFESSIONAL SURVEYOR # 900



LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD, NITRO, WV 25143-2506

DATE October 18, 1998
OPERATORS WELL NO. WE WV05403
API WELL NO. CBM Vent 4R-4

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
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ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330 ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330

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WV Department of Environmental Protection

COUNTY NAME MONO PERMIT 13136C

04/26/2021

1) Date: 12-1-2020
2) Operator's Well Number
4 right 4
3) API Well No.: 47 - 061 - 01326

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: (a) Name Lowell A. Cowell & Jacqueline C. Cowell, Address 3632 Smithtown Rd. Morgantown, WV 26508. (b) Name, Address. (c) Name, Address. 5) (a) Coal Operator Name, Address. (b) Coal Owner(s) with Declaration Name Phoenix Energy Resources LLC, Address 803 Quail Vally Drive Princeton WV, 24640. Name Jacqueline C. Cowell, Address 3632 Smithtown Rd. Morgantown, WV 26508. (c) Coal Lessee with Declaration Name, Address. 6) Inspector Name Bryan Harris, Address P.O. Box 157 Volga, WV 26238, Telephone 304-552-3874.

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

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

My Commission Expires [Signature] Vicki L. Smith, Notary Public Indiana County My commission expires June 19, 2022 Commission number 1155912

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Environmental Protection

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.

04/16/2021

7019 1120 0001 5856 2961

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Morgantown, WV 26508

Certified Mail Fee	\$3.55
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 \$1.60
Tot \$5.15

Lowell A. Cowell &
Jacqueline C. Cowell (4R3 4R4)
3632 Smithtown Rd.
Morgantown, WV 26508



7020 0090 0002 1681 0963

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

Princeton, WV 24740

Certified Mail Fee	\$3.55
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 \$2.60
Total Postage and Fees \$6.15

Sent To Pharmacy
Street and Apt. No., or PO Box No.
City, State, ZIP+4®



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WV Department of
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4706101326P

WW-9
(5/16)

API Number 47 - 061 - 01326
Operator's Well No. 4 right 4

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

Operator Name GNX Gas Company, LLC OP Code 494458046

Watershed (HUC 10) Honey Run Quadrangle Wadestown

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No *ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS BEFORE DISPOSING OFF-SITE*

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

Notary Public

My commission expires _____

04/16/2021

Member, Pennsylvania Association of Notaries

Proposed Revegetation Treatment: Acres Disturbed .2 acre 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: [Signature]

Comments:

RECEIVED Office of Oil and Gas

DEC 10 2020

Title: Inspector

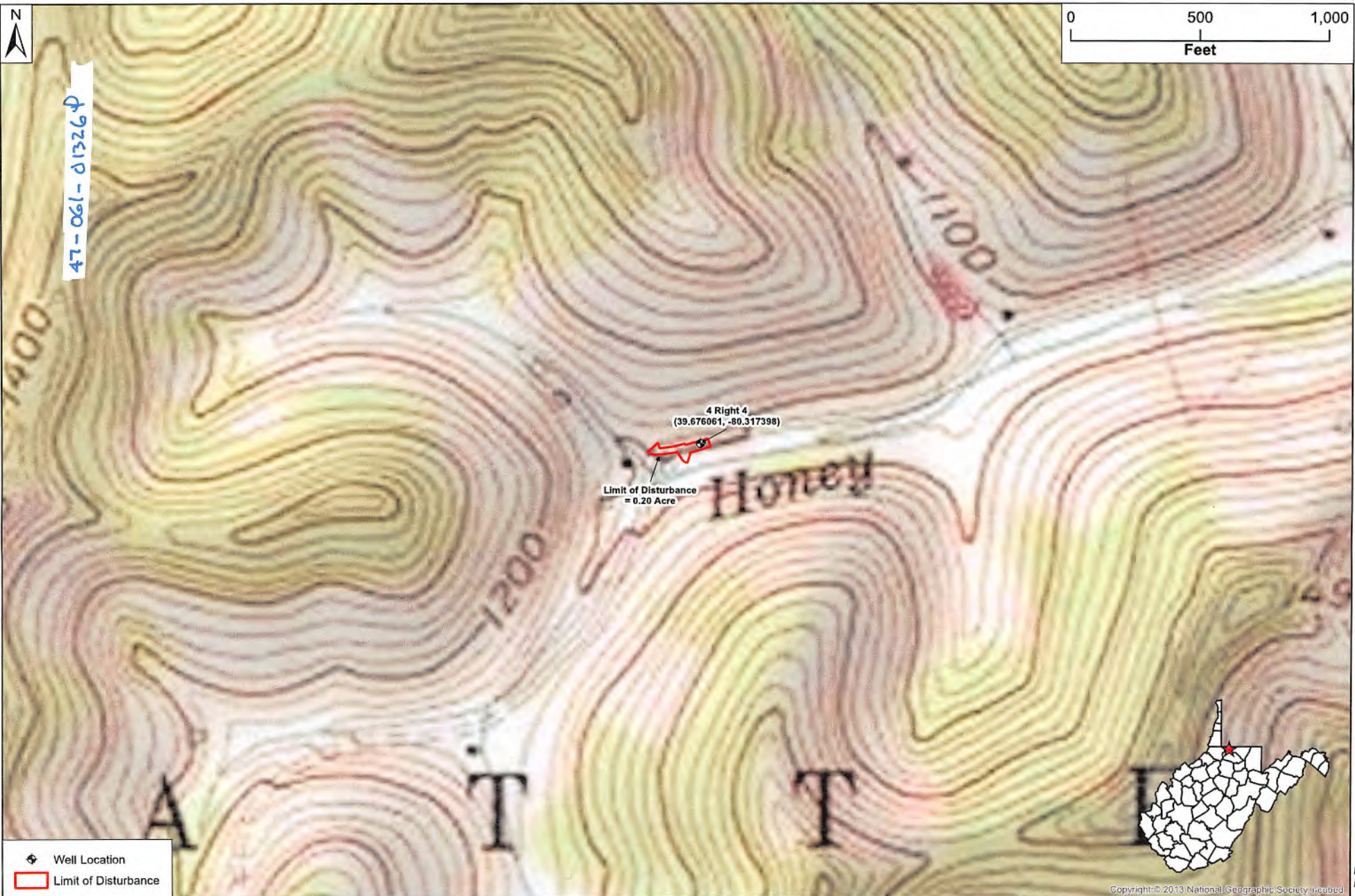
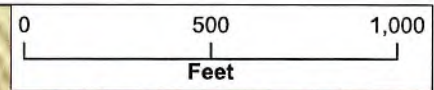
Date: 12-2-20

WV Department of Environmental Protection

Field Reviewed? () Yes (X) No



47-061-01326



4 Right 4
(39.676061, -80.317398)

Limit of Disturbance
= 0.20 Acre

◆ Well Location

□ Limit of Disturbance



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4 Right 4 (005403) Well Head
Site Location Topographic Map
Monongalia County, West Virginia



Date: 11/19/20
By: J. Stascak

WW-7
8-30-06



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

API: 4706101326 WELL NO.: 005403

FARM NAME: Arthur G. & Bessie T. Cowell

RESPONSIBLE PARTY NAME: CNX

COUNTY: Monongalia DISTRICT: Battelle

QUADRANGLE: Wadestown

SURFACE OWNER: Cowell Lowell A

ROYALTY OWNER: Cowell Lowell A

UTM GPS NORTHING: 4392026.81

UTM GPS EASTING: 558541.36 GPS ELEVATION: 1094.15

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 _____

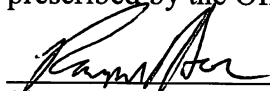
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WV Department of
Environmental Protection

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

04/16/2021

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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