

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, June 6, 2022 WELL WORK PERMIT Horizontal 6A / New Drill

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

Re: Permit approval for WDTN19AHSM 47-061-01899-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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.

Operator's Well Number: WDTN19AHSM

Farm Name: CNX GAS COMPANY LLC

U.S. WELL NUMBER: 47-061-01899-00-00

Horizontal 6A New Drill Date Issued: 6/6/2022

Promoting a healthy environment.

API Number:		

PERMIT CONDITIONS

4706101899

West Virginia Code § 22-6A-8(d) 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. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number:

PERMIT CONDITIONS

4706101899

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

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 dep.wv.gov

ORDER ISSUED UNDER WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 6A

TO: CNX Gas Company, LLC 1000 Consol Energy Drive Canonsburg PA 15317 DATE: October 9, 2018 ORDER NO.: 2018-W-8

INTRODUCTION

This Order (hereinafter "Order") is issued by the Office of Oil and Gas (hereinafter "OOG"), by and through its Chief, pursuant to the authority of W. Va. Code §§ 22-1-1, 22-6-1 and 22-6A-1 et seq. to CNX Gas Company, LLC (hereinafter "CNX" or "Operator"), collectively the "Parties."

FINDINGS OF THE CHIEF

In support of this Order, the Chief hereby finds the following:

- OOG, an office within the West Virginia Department of Environmental Protection, is the agency
 with the duty and authority to execute and enforce W. Va. Code §22-6-1 and §22-6A-1 et seq., and
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 Diffice of Oil and Gas
- CNX is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as APR 2 6 2022 1000 Consol Energy Drive, Canonsburg PA 15317
- WV Department of

 3. On August 9, 2018 CNX submitted a well work permit application identified as API# 472060 pental Protection 01815. The proposed well is to be located on the WDTN 19 Pad in Battelle District of Monongalia County, West Virginia.
- On August 9, 2018 CNX requested a waiver for Wetlands WET01-007, WET01-008, WET01-009, WET01-011 as outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit application identified as API# 47-061-01815.

CONCLUSIONS OF LAW

- 1. West Virginia Code §22-1-6(d) requires, in part, that "in addition to other powers, duties and responsibilities granted and assigned to the secretary by this chapter, the secretary is authorized and empowered to...(3) Enter private lands to make surveys and inspections for environmental protection purposes; to investigate for violations of statutes or rules which the Office of Oil and Gas is charged with enforcing; to serve and execute warrants and processes; to make arrests; issue orders, which for the purposes of this chapter include consent agreements; and to otherwise enforce the statutes or rules which the Office of Oil and Gas is charged with enforcing."
- 2. West Virginia Code §22-6A-2(a)(6) requires, in part, that "Concomitant with the broad powers to condition the issuance of well work permits, the secretary should also have broad authority to waive certain minimum requirements of this article when, in his or her discretion, such waiver is appropriate: *Provided*, That the secretary shall submit a written report of the number of waivers granted to the Legislature commencing January 1, 2013, and each year thereafter."
- 3. West Virginia Code §22-6A-12(b) requires, in part, that "no well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the Office of Oil and Gas shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The Office of Oil and Gas may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary."

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APR 26 2022

ORDER

West Virginia Code §22-6A-12(b) requires, in part, that "no well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland. The Office of Oil and Gas grants the request for a waiver for Wetlands WET01-007, WET01-008, WET01-009, WET01-011 from well location restriction requirements in W.Va. Code §22-6A-12(b) for the well work permit application identified as API# 47-061-001815. The Office of Oil and Gas hereby **ORDERS** that CNX shall meet the following site construction and operational requirements for the WDTN 19 Well Pad:

- a. A berm shall be constructed around the perimeter of the pad to contain any potential spills and storm water runoff. Berm is to be at least twenty-four inches (24") in height;
- b. Erosion control blankets shall be installed on all slopes and down gradient locations of the pad as erosion and sediment controlling BMPs;
- c. Wetlands WET01-007, WET01-008, WET01-009, WET01-011 shall be protected by triple stacked filter socks consisting of two twenty-four inch (24" filter socks and an eighteen inch (18") filter sock along with silt fence. This along with rip-rap aprons, temporary and permanent vegetative cover will prevent sediment from reaching the wetlands
- d. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
- e. Drill cuttings and associated drilling mud shall be disposed of in a permitted landfill;
- f. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;
- g. Weekly site inspections shall be conducted to monitor and maintain the integrity of the BMP storm water controls;
- h. Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
- i. Inspections of the storm water and spill prevention measures shall be conducted after any major storm event defined as a half inch (½") rain within any twenty-four (24) hour period;
- j. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
- k. All records from inspections shall be maintained on site for the life of the project and be available upon request.

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APR 26 2022

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By:

JAMES A. MARTIN, CHIEF

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11/3/14	etland and Perennial Stream Waiver Request ell Operator: CNX Gas Company, LLC	API Number:	WDTN10
Wetland and Pe	rennial Stream Waiver Request	Operator's Well Number:	WOTHING
Well Operator:	CNX Gas Company, LLC		
	WDTN19	Well Pad Name: WDTN19	
	Overdrangle of Well Location. Mono		

Answer the questions below to request a waiver from West Virginia Department of Environmental Protection for any wetlands or perennial streams which lie within one hundred feet of proposed project Limit of Disturbance (LOD), which includes any erosion and sediment control devices to be used.

This waiver shall be requested pursuant to Chapter 22 Article 6A Section 12 of West Virginia Code, which states:

§22-6A-12(b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows:

- (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir.
- (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake.
- (3) For a groundwater source, the distance shall be measured from the wellhead or spring.

The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary.

§22-6A-12(c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Western Act Section 404 permit or other approval from the United States Army Corps of Engineers with and Gas waters of the state or within the restricted areas referenced in this section.

APR 2 6 2022

11/3/14 Wetland and Perennial Stream Waiver Request

	API	vumber:	
Operator's	Well	Number:	WDTN19

Answer in the space provided, or use additional pages as necessary to fully answer the questions below:

1. Describe the proposed project location, including unique identifying names of all wetlands, and the names of perennial streams for which the waiver is sought.

The project is located West of Wise Run Road (Rd) / CR-6 in the Wadestown area of Monongalia County, WV. The proposed entrance is at 39.697803 and -80.332287 (NAD83 WVN). The limit of disturbance (LOD) of the WTN19 Well Site project is approximately 21.5 acres in size. The project includes a 2,100 foot access road, a 3.9 acre well pad, and excess material/topsoil stockpiles. The general site topography consists of a hillslope/ridgeline complex with moderately steep slopes draining generally to Wise Run & Shriver Run. Wise Run and Shriver Run are indirect tributaries to the Monongahela River, which is a traditionally navigable water (TNW). Vegetation communities include mixed deciduous forests with meadow areas in the Northeastern portions of the LOI. Wetland descriptions are provided on the attached pages.

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2. Justify the proposed activity by describing alternatives to this project that were considered fice of Oil and Gas

APR **2 6** 2022

a. Include a No-Action Alternative as to show "the future without the project"

b. Location Alternatives must be shown

WV Department of **Environmental Protection**

c. Must demonstrate why a one hundred foot buffer cannot be maintained

d. Describe how the proposed project is the least environmentally damaging practicable alternative

- a. This pad is essential for gas production in this area. There would be stranded undeveloped acreage in the drilling unit if this pad were not constructed.
- b. There are no feasible alternatives for this site. The current pad location is bound by wetlands to the West and ephemeral streams to the East. The current pad layout/width was reduced to the minimum allowable to safely operate/drill and complete the wells. Topography on the adjacent ridges is too severe to accommodate the proposed 2:1 cut/fill slopes and would result in impacting the delineated wetlands Northwest of the current pad location. Landowner constraints to the South/Southeast limit shifting the pad to the South.
- c. Due to topographic and landowner constraints, the topsoil stockpile and excess stockpiles could not be moved to another location that was flat enough to provide the necessary soil capacity and be accessible during construction. Therefore, they must be located closer than 100' to Wetlands (WET01 007, WET01 008, WET01 009, WET01 0011). Wetland descriptions are continued on the attached pages.

Section 2 continued

2d. The current proposed design is the least environmentally damaging practical alternative as there are no environmentally sensitive areas impacted by the well pad. The current pad location is bound by wetlands to the west and ephemeral streams to the East and is situated to avoid direct impact to sensitive environmental features. The current pad layout/width was reduced to the minimum allowable to safely operate/drill and complete the wells to avoid direct impact to streams or wetlands. Topography on the adjacent ridges is too severe to accommodate the proposed pad and would result in direct impact to the delineated wetlands northwest of the current pad location, if the pad had been sited there. The topsoil stockpile was broken up into two separate locations to minimize environmental impact/encroachment on the surrounding sensitive environmental features.

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APR 2 6 2022

11/3/14
Wetland and Perennial Stream Waiver Request

API Number:	
Operator's Well Number:	WDTN19

3. Identify sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. This description should include all additional erosion and sediment control measures and devices that will be used.

The four wetlands as described below are located within 100' of the well pad LOD and will be protected by utilizing a combination of E&S controls listed below and under item 4.

WET01_007: Triple Stack Compost Filter Sock, Super Silt Fence, Rip-Rap aprons Temporary and permanent vegetative cover will be located above the wetland.

WET01_008: Triple Stack Compost Filter Sock, Super Silt Fence, Rip-Rap aprons Temporary and permanent vegetative cover will be located above the wetland.

WET01_009: Triple Stack Compost Filter Sock, Super Silt Fence, Rip-Rap aprons Temporary and permanent vegetative cover will be located above the wetland.

WET01_011: Triple Stack Compost Filter Sock, Super Silt Fence, Rip-Rap aprons Temporary and permanent vegetative cover will be located above the wetland.

- 4. Provide mapping, plans, specifications and design analysis for the preferred alternative to the project.
 - a. Specify in writing what additional controls, measures, devices, monitoring, etc. will be used to protect these wetlands and/or perennial streams for which the waiver is sought.

Additional E&S Controls that may be used during the construction of this site include:

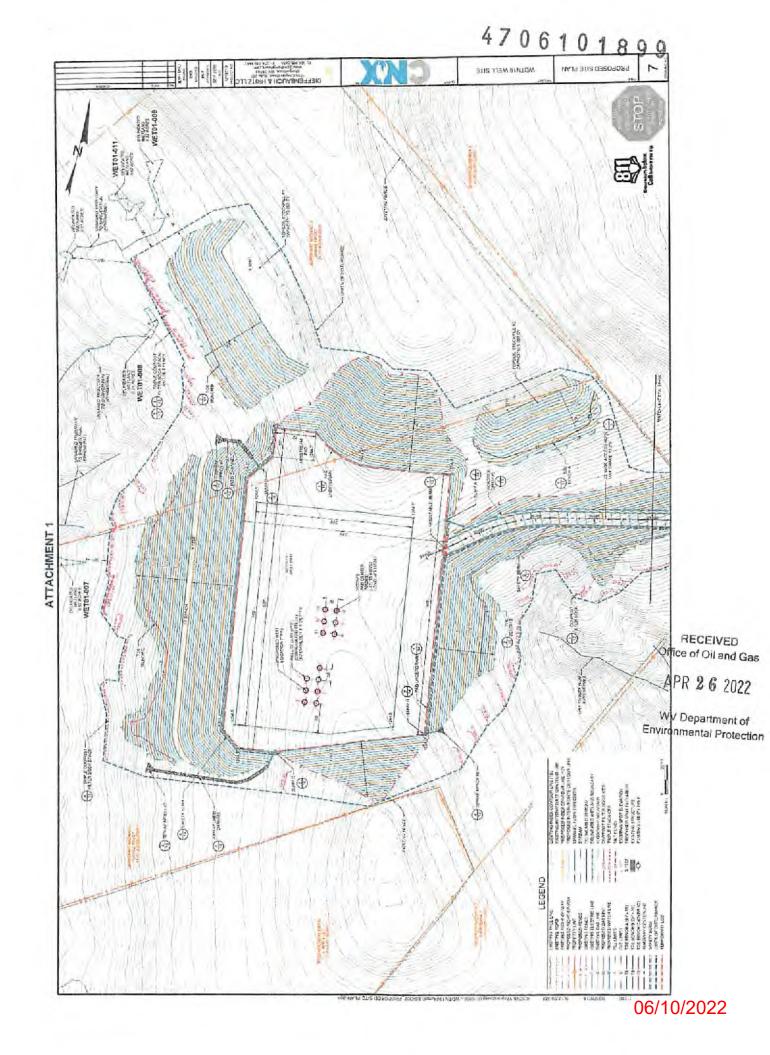
Compost filter sock
Triple compost filter sock
Compost filter sock sediment trap
Super Silt Fence
Rip-rap lined channels
Rip-rap aprons
Rock check dams
Rock Construction Entrance
Diversion Ditches
Roadway culverts
Temporary and permanent seeding & mulching
All disturbed areas are to be seeded as soon as possible.

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APR 2 6 2022

WV Department of Environmental Protection

Specific implementation of these controls can be found in the Erosion and Sedimentation Control Plan submitted with the permit application.



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API NO. 47-___OPERATOR WELL NO. WDTN19AHSM

Well Pad Name: WDTN19

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operato	or: CNX G	as Compa	ny LLC	494458046	Monongalia	Batelle	Wadestown	
•		-		Operator ID	County	District	Quadrangle	
2) Operator's V	Vell Number	: WDTN1	PAHSM	Well Pac	Name: WDTI	V19		
3) Farm Name/	Surface Ow	ner: CNX	Sas Compa	ny LLC Public Roa	d Access: Wis	e Run Roa	d/CR6	
4) Elevation, cu	ırrent groun	d: <u>1264</u> .	30 E	levation, proposed	post-construction	on: 1264.3	30	
5) Well Type	(a) Gas	x	Oil _	Unde	erground Storag	ge		
	Other							
	(b)If Gas	Shallow	×	Deep				
		Horizonta	ı x					
6) Existing Pad	: Yes or No	Yes			-			
•	•		. , .	cipated Thickness a 930'TVD, 50' thick, ε	•	` '	~4600 psi	
8) Proposed To	tal Vertical	Depth: 79	13'TVD at	t TD, depending o	n formation di	o		
9) Formation at				s Shale (will not p				
10) Proposed T	otal Measur	ed Depth:	22,899'	MD at TD				
11) Proposed H	lorizontal Le	eg Length:	13,869'					_
12) Approxima	te Fresh Wa	ter Strata D	epths:	125', 584', 845',	933', 938'			
13) Method to	Determine F	resh Water	Depths:	Offset well Information	ation			
14) Approxima	te Saltwater	Depths: 2	2,419', 2,50	09', 3,139'				
15) Approxima	te Coal Sear	m Depths:	708'-711',	, 966'-972', 1029-1	1031, 1054'-10	59', 1060'-	1068'	
16) Approxima	te Depth to	Possible Vo	oid (coal m	nine, karst, other):	None Anticipa	ted		
17) Does Propo directly overlyi				ums Yes	No	x		
(a) If Yes, pro	vide Mine l	nfo: Nam	_{ie:} see	mine map				
		Dep						
		Sear	-				RECEIVED	
		Owr	ner:			Office	of Oil and Gas	
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WW-6B (04/15) API NO. 47-__ OPERATOR WELL NO. WDTN19AHSM
Well Pad Name: WDTN19

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20	New	L/S	<94.0	75	46	96 / CTS
Fresh Water	13.375	New	J-55	54.5	1,135	1,106	960 / CTS
Coal	13.375	New	J-55	54.5	1,135	1,106	960 / CTS
Intermediate	9.625	New	J-55	36	2,960	2,931	1,025 / CTS
Production	5.5	New	P-110	23	22,899	22,870	4,735 / TOC @ 1,550 '
Tubing	2.375	New	J-55	4.7	Above assumes RF = 29'	TBD	N/A
Liners	NA						

CTB 6/3/20

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20	30	0.375	N/A	N/A	Type 1	1.18
Fresh Water	13.375	17.5	0.380	2,730	<500	Class A	1.19
Coal	13.375	17.5	0.380	2,730	<500	Class A	1.19
Intermediate	9.625	12.25	0.352	3,520	<2,815	Class A	1.19
Production	5.5	8.75 x 8.5	0.415	16,490	~11,000	Class A or H	1.10
Tubing	2.375	N/A	0.190	7,700	N/A	N/A	N/A
Liners							

PACKERS

Kind:	N/A	
Sizes:		
Depths Set:		RECEIVED Office of Oil and Gas

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API NO. 477	0	6	1	0	1	8	9	9
OPERATO								
Well Pad	Nai	me:	WE	TN19				

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Utilize conductor rig to set 20" conductor into solid rock and cement back to surface. MIRU drilling rig. Air drill 17-1/2" hole. Run and cement 13-3/8" fresh water casing. Note that there are no known mineable coal seams in this area. Air drill 12-1/4" hole. Run and cement 9-5/8" intermediate casing. Air drill 8-3/4" production hole to curve KOP (this section is typically directionally drilled with a slant/tangent profile for anti-collision and for lateral spacing). Displace hole with 12.0-12.8 ppg SOBM. Drill 8-1/2" curve from KOP to landing point. Continue drilling 8-1/2" lateral to TD (geosteer this section to remain in Marcellus target window). Perform clean-up cycle to condition well. Run and cement 5-1/2" production casing. Suspend well and skid to next well or RDMO drilling rig.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Run CBL to ~60 degrees in the curve and back to surface to determine production casing TOC. Test production casing and toe prep well. MIRU stimulation/hydraulic fracturing equipment. Fracture well by pumping required number of stages utilizing plug-and-perf method. Max anticipated treating pressure is ~11,000 psi and max anticipated treating pump rate is ~100 bpm. Number of stages and stage spacing to be finalized after drilling. After last stimulation stage, drill out frac plugs and clean-out well to PBTD. Flow back and clean-up well. Tie well into production. Run tubing when required.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 21.0
- 22) Area to be disturbed for well pad only, less access road (acres): 12.6
- 23) Describe centralizer placement for each casing string:

Fresh water string: centralize shoe joint and every other joint to surface - utilize bow spring centralizers. Intermediate string: centralize shoe joint and every 3rd joint to surface - utilize bow spring centralizers. Production string: centralize every joint from shoe to TOC - utilize single piece/rigid bow centralizers. Actual centralizer placement may be changed based on hole conditions.

24) Describe all cement additives associated with each cement type:

Fresh water/coal string: Class A cement with 1%-3% CaCl2 and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. Production string: Class A or H cement or Class H:Poz blend with dry blend and/or liquid additives including retarder, suspension agent, gas block, defoamer, fluid loss control, extender, dispersant, anti-settling agent. Actual cement blends may vary slightly depending upon cementing service company utilized.

25) Proposed borehole conditioning procedures:

Air sections are typically vertical holes - will ensure the hole is clean at section TD prior to TOOH to run casing (may require mist and/or soap to clean the hole). For the production hole - once at TD, circulate at max flowrate with max rotation until the shakers clean-up (typically requires multiple bottoms-up). For the production casing - once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement.

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*Note: Attach additional sheets as needed.

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WDTN19 Cement Additives

Fresh water/coal string: Class A cement with 1%-3% CaCl2 and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. Production string: Class A or H cement or Class H:Poz blend with dry blend and/or liquid additives including retarder, suspension agent, gas block, defoamer, fluid loss control, extender, dispersant, anti-settling agent. Actual cement blends may vary slightly depending upon cementing service company utilized.

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APR **26** 2022



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DRILLING WELL PLAN Morcellus HZ) Marcellus Shale Horizontal Monongalia County, WV

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					WDT	N-19A-F	ISM SHL	N 435682.1982, E 1764885.9579 (NAD27)				
Ground Elevation	1	264' GL E	levation		WD	N-19A-	HSM LP	N 434524.433, E 1762572.578 (NAD27)				
Azimuth		325	0	WDTN-19A-HSM BHL				N 44588	34.6099, E 1754618	.0968 (NAD27)		
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	Tops (RKB)		MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS		
0.000				MD	MD							
	24"	20" L/S	Soil and Rock			AIR	To Surface	N/A	N/A	Stabilize surface fill/soil		
	24	20 1/3	Conductor	129	129	129	To Surface	IVA.	IVA	Stabilize surface filirsoil		
			DFGW		208		15.8 ppg Class A	Centralize every 3rd joint from shoe to surface		Set through fresh water zone		
		13-3/8" 54.5#	Waynesburg Coal		708	4 1	+ 1% to 3% CaCl2 + 1/4 pps Flake		Ensure the hole is clean at	Set through coal zones Cemented to surface		
	17-1/2"	J-55 BTC	Pittsburgh Coal (Solid)		1,060		20% OH Excess Yield = 1,19	surface	section TD	13-3/8" shoe NOT to be set deeper than ground level		
			FW/Coal Casing	1,135	1,135		TOC @ surface	Bow spring centralizers				
1911			Upper Freeport Coal		1,644	AIR / Soap		1 11				
		111	Lower Freeport Coal		1,685							
			Middle Kittanning Coal		1,808		15.8 ppg Class A	Centralize every 3rd		Set through potential salt wat		
	10000	9-5/8" 36.0#	Big Lime		2,419		+ 0% to 2% CaCl2 + 1/4 pps Flake	joint from shoe to	Soap the hole as needed	zones Cemented to surface		
	12-1/4"	J-55 LTC	Keener Sand		2,479		20% OH Excess Yield = 1.19 TOC @ surface	surface Bow spring centralizers	and ensure the hole is clean at section TD			
			Big Injun Sand		2,509				3234 34 34 34 34 34 34 34 34 34 34 34 34 3	Casing to be set ~200'-250' belo the Big Injun base		
			Price Formation		2,690							
			Intermediate Casing	2,960	2,960							
			50 Foot		3,079							
	A 2007		Gordon		3,139							
	8-3/4" Tangent		Fifth		3,304	AIR	15.0 ppg Class A		Constitution of the Constitution of			
	Tungun		Bayard		3,351		50:50 Poz with additives (retarder,	Experience.	Once at TD, circulate at max flowrate with max	Note: For all strings, actual		
			Elks		5,289		suspension agent, gas block, defoamer, fluid	Centralize every joint from shoe to KOP -	rotation until shakers clean-	centralizer placements may be		
		5-1/2" 20.0#	Rhinestreet		7,406		loss, extender, etc.)	TOC	up (typically requires multiple bottoms-up)	changed due to hole condition		
11 11		P-110 VAR	Cashaqua		7,672		10% OH Excess	Single-piece/rigid bow	Once on bottom with	Note: For all strings, actual cement blends may vary sligh		
			Burkett	11,-11	7,788		Yield = 1.07	centralizers	casing, circulate a minimum	depending upon service comp		
	8-1/2" Curve		Tully		7,815	ppg SOBM	TOC @ >= 200' above	1	of one hole volume prior to pumping cement	utilized		
	& Lateral		Hamilton		7,851		9-5/8" shoe	17	pumping cement			
			Marcellus	11 111	7,880							
			Production Casing	22,899	7,913			1 X				

WDTN19 Pad Frac SOG Review

Tuesday, April 12, 2022



WDTN19 Pad Frac - SOG Review

In accordance with WVDEP 35CSR8 Section 5.11, all known shallow oil and gas (SOG) wells have been identified within a 1000' buffer around the proposed WDTN19 pad. Any SOG well that falls within the Area of Review (AOR) has been reviewed and is provided in a list that includes API, Operator, Well Name, Well Number, Current Status, Total Depth, and Permit Date.

The Marcellus Shale of the Wadestown area is found at an approximate True Vertical Depth (TVD) of 7900'. In the Wadestown area, there were very few wells that have produced from formations deeper than the Bayard Sand (approximately 3500'). Based on our experience with frac communication and shallow wells, CNX Geology feels that it is highly unlikely for communication to occur with any wells producing in the area above the WDTN19 Pad, due to the Hamilton and Tully being adequate frac barriers. However, if faulting exists, Marcellus frac could grow upward, with the fault acting as a conduit. Fortunately, very few faults are seen in the area and are believed to decoll in the shale below the Bayard, so the chance of communication is unlikely.

The current hypothesis for SOG Communication is that Marcellus frac fluids and pressure intersect and migrate up a nearby fault that acts as a conduit for upward migration and intersection with high permeability reservoirs of the Alexander and Benson. These reservoirs are poorly developed in the Wadestown area. For example, only one well tested the Benson in the area: 47-061-00341 was drilled to 5520' frac'd the Benson and then was plugged and abandoned. Geomechanical data is collected from dipole sonic logs. CNX's nearest sonic data is from the WDTN5BHSU well (Figure 3), which is the pilot hole on this pad. Frac modeling (Figure 4) of the Marcellus in the area does not show significant upward frac growth, giving us confidence that the frac is contained below the Tully Limestone.

Only one Marcellus well lies within the 1000' buffer around the proposed WDTN19 Pad, the WDTN5N Marcellus well (47-061-01826). The WDTN19R is the closest proposed well and will parallel the WDTN5N once 1000' spacing is achieved.

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Figure 1. 98 wells lie within a 1000' buffer around the WDTN19 Pad that penetrate the Big Injun Sand or deeper horizons. The deepest well is 5520' and tested the Benson Sand, but I snow P&A. All other wells are less than 3764' deep, producing from the Bayard Sand and/or shallower formations. No known SOG Communication events have occurred in this area.

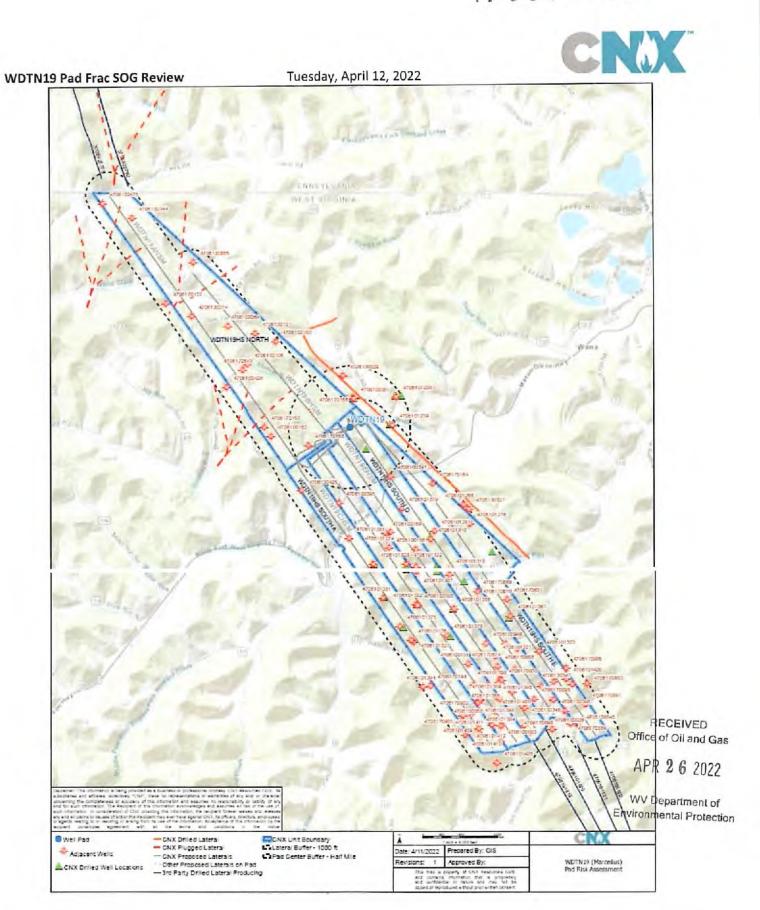






Figure 2. List of 98 wells seen in Figure 1. Two groups are shown below.

The first group of 42 wells, one of which is active and the remaining are Inactive.

Api10 * WellName	* CurrentOperator	* CompletionFormatio *		" CurrentStatusDa			Comple		ctionDa TotalDap
4706100428 SHRIVER 5114	PILLAR ENERGY LLC	<nul></nul>	ACTIVE	12/10/1921	\ull	<nu1></nu1>		1/1/1997	1/1/1997 < Null>
4708130344 F M STAGGERS	PITTSBURGH & WV GAS	BIG INJUN (PRICE&EQ)		<nui></nui>	<null></null>	4/11/1918		6/3/1918 × Null>	218
4706130475 FRED HENNEN	CARNEGIE NATURAL GAS CO	BIG INJUN (PRICE&EQ)		<nul></nul>	<null></null>	11/12/1918		8/23/1019 < Null>	288
4708170031 SARAH E EDDY	MCDERMOTT, JOSEPH H.	<null></null>	INACTIVE	<null></null>	<null></null>		<n.1></n.1>	<null></null>	302
4706130346 ELIHU EDDY	SOUTH PENN DIL (S. PENN NAT. GAS)	GORDON	INACTIVE	<null></null>	<null></null>	«N.d»		1/21/1941 < Null>	316
4706130145 A J CARROTHERS HRS	H L TENNANT	<null></null>	INACTIVE	< Null>	<nul></nul>	<null></null>	<n.11></n.11>	<null></null>	316
4706170030 SARAH E EDDY	MCDERMOTT, JOSEPH N	<nul></nul>	INACTIVE	< NUII>	<nul></nul>		<n. i=""></n.>	<nul></nul>	319
4706130665 THOMAS WHITE HEIRS	(N/A)	BIG INJUN (PRICE&EQ)	INACTIVE	<null></null>	<nul></nul>	6/8/1925		10/8/1927 < Null>	320
4706130347 ELIHU EODY	SOUTH PENN OIL (S. PENN NAT. GAS)	<null></null>	INACTIVE	<nul></nul>	<nul></nul>	<nul></nul>		11/14/1912 <null></null>	323
4706130348 ELIHU EDDY & D L CROSS	SOUTH PENN OIL (S. PENN NAT. GAS)	<null></null>	INACTIVE	<null></null>	<null></null>	<null></null>		3/19/1920 < Null>	330
4706130327 MICHAEL BARR	HOPE NATURAL GAS CO.	<null></null>	INACTIVE	<null></null>	<nul></nul>	8/3/1910		11/26/1910 < NoT>	333
4706130425 E E BELL	PITTSBURGH & WV GAS	FIFTY-FOOT	INACTIVE	<null></null>	<nul></nul>	5/29/1913		8/18/1913 <null></null>	338
4706130025 A J CARROTHERS	SOUTH PENN OIL (S. PENN NAT. GAS)	<null></null>	INACTIVE	<null></null>	<nul></nul>	<null></null>	< Null>	<nu1></nu1>	336
4706130374 LUCINDA SIX	CLOVIS ROY W	<null></null>	INACTIVE	<null></null>	<null></null>	<nul></nul>		8:1/1925 < Null>	346
4706130101 ERNEST BELL	MACKEY, ARTHUR D	<null></null>	INACTIVE	<null></null>	<null></null>	<noit></noit>	< Null>	<null></null>	349
4706130106 WM HAINES	MACKEY, ARTHUR D.	<nul></nul>	INACTIVE	<null></null>	<null></null>	<null></null>	<null></null>	<null></null>	352
4706170154 MARY A EAKIN	PHILADELPHIA COMPANY, THE	<null></null>	INACTIVE	<null></null>	<null></null>	<nui></nui>	<null></null>	<null></null>	<nul></nul>
4706170881 ELIHU EDDY	(N/A)	<nul></nul>	INACTIVE	<null></null>	<null></null>	<null></null>	<nul></nul>	<null></null>	<nul></nul>
4706170883 ELIHU EDDY HRS	(N/A)	<nul></nul>	INACTIVE	<null></null>	<null></null>	<null></null>	<null></null>	<null></null>	<nu1></nu1>
4706170895 M J BREWER	(NA)	<nut></nut>	INACTIVE	<null></null>	<null></null>	<14/11>	<null></null>	≺Null>	<nui></nui>
4706171010 ELIHU EDDY HRS	(N/A)	<nul></nul>	INACTIVE	<nu1></nu1>	<null></null>	<nult></nult>	<null></null>	<nu1></nu1>	<nui></nui>
4706130029 M C & C C WISE HEIRS	H L TENNANT	<nul></nul>	INACTIVE	<nu !=""></nu>	«Null»	<nu1></nu1>	<null></null>	≺Nutl>	<null></null>
4706170167 HENRY W HAINES	(N/A)	<null></null>	INACTIVE	<nul></nul>	<null></null>	<nul></nul>	<null></null>	<nuil></nuil>	<null></null>
4706170669 J S CROSS	(N/A)	<null></null>	INACTIVE	<nul></nul>	<null></null>	<null></null>	<null></null>	<null></null>	<nui>></nui>
4706170674 P EDDY	(NA)	<null></null>	INACTIVE	<nul></nul>	<null></null>	<nul></nul>	< Null>	<null></null>	<null></null>
4706170880 SOUTH PENN OIL	(N/A)	<null></null>	INACTIVE	<nu1></nu1>	<nul></nul>	<null></null>	<null></null>	<null></null>	<null></null>
4706170885 SOUTH PENN OL	SOUTH PENN OIL (S. PENN NAT GAS)	<n(ii)></n(ii)>	INACTIVE	<null></null>	<null></null>	<null></null>	<nui></nui>	<null></null>	<14uit>
4706170898 EL HU EDDY HRS	(NA)	<nul></nul>	INACTIVE	<nu1></nu1>	<null></null>	<null></null>	<null></null>	<null></null>	<null></null>
4706170902 ERVINE TENNANT	(NA)	<null></null>	INACTIVE	<n 43=""></n>	«Null»	<14/11>	<nul></nul>	<null></null>	<nu1></nu1>
4/06170905 ERVINE TENNANT	(NA)	<null></null>	INACTIVE	<nu1></nu1>	<null></null>	<nul></nul>	< Nul>	<null></null>	<null></null>
4706170670 J S GROSS	(N/A)	<null></null>	INACTIVE	<null></null>	<null></null>	<nul></nul>	<nu1></nu1>	<null></null>	<null></null>
4706170671 J S CRDSS	(NA)	<null></null>	INACTIVE	<null></null>	<null></null>	<noit></noit>	<nu1></nu1>	<null></null>	<null></null>
4706170897 ELIHU EDDY	(N/A)	<null></null>	INACTIVE	<null></null>	<null></null>	<null></null>	<null></null>	<null></null>	<null></null>
4706170901 ERVINE TENNANT	(IVA)	<null></null>	INACTIVE	<null></null>	<null></null>	<null></null>	<null></null>	<null></null>	<nul></nul>
4706130218 HARRY L TENNANT	HARRY L TENNANT	<null></null>	INACTIVE	<null></null>	<null></null>	<null></null>	<null></null>	<nol></nol>	<null></null>
4706170137 SIMON L WHITE	PHILADELPHIA COMPANY, THE	<null></null>	INACTIVE	<nul></nul>	<n.0></n.0>	<null></null>	<null></null>	<null></null>	<nul></nul>
4706170156 GEORGE W SHRIVER	PHIADELPHIA COMPANY, THE	<nul></nul>	INACTIVE	<nul></nul>	«Null»	<null></null>	<null></null>	<null></null>	<nul></nul>
4708170158 JASPER SHRIVER	PHIADELPHIA COMPANY, THE	<null></null>	NACTIVE	<nul></nul>	<nul></nul>	<null></null>	<null></null>	<null></null>	<noli></noli>
4706170194 M J GARRISON	SOUTH PENN OL (S. PENN NAT. GAS)	<n 1=""></n>	NACTIVE	<nul></nul>	<null></null>	<nul></nul>	<null></null>	<null></null>	<nul></nul>
4706170643 WILLIAM HAINES	PHILADELPHIA OL CO	<n.0></n.0>	NACTIVE	<nul></nul>	<null></null>	<nut></nut>	<null></null>	<nul></nul>	<null></null>
4706170886 MARY E MYERS	(N/A)	<n.4></n.4>	INACTIVE	<nul></nul>	< Null>	<nul></nul>	<null></null>	<null></null>	<null></null>
4706170888 MARY E MYERS	(NA)	< N. // D	INACTIVE	<nul></nul>	<null></null>	<nui></nui>	<null></null>	<nul></nul>	<nul></nul>

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WDTN19 Pad Frac SOG Review

Tuesday, April 12, 2022

The second group of 56 wells, all of which are P&A. Only one was well deeper than 3746', which was a 5520' deep Benson test (47-061-00341).

4708101200 CNGP 5124	CONSOL	<nul></nul>	F&A	7/5/1905/7/24/1905	7/4/1995	7/8/1995	7/1/1995	0
4706101428 VENT 29	NORTHWEST FUEL DEV INC	PITTSBURGH CEIAL	PSA	1/2/2002 12/4/2001	<nult></nult>	7/31/2006	7/1/2002	114
4706101323 WE WV 5350	CONSOL	<null></null>	PSA	12/10/1998/11/23/1998	<nut></nut>	1/1/2001	1(1/2001	12
706101323 WE WV 3330	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	cNult>	PSA	5/8/2000 5/4/2000	5/16/2000	8/9/2000 < Null>		15
1706101391 CHISLER, ROY D. F2-445	EASTERN ASSOCIATED COAL/PEABODY COAL CO	<null></null>	PRA	6/15/2000 6/12/2000	8/16/2000	7/14/2000 < Null >		10
	EASTERN ASSOCIATED COAL PEABODY COAL CO.	GORDÓN	P&A	2/15/2000 2/9/2000	3/7/2000	3/7/2000 < Null >		31
1706101384 MOON OIL CO. 1	EASTERN ASSOCIATED COAL PEABODY COAL CO	GORDON	P&A	2/19/1937 6/25/2001	10/8/1936	9/3/2001 < Null >		30
1706100083 TENNANT, GEORGE F2-451		GORDON	P&A	7/22/1989 1/19/1999	10/23/1912	3/12/1999	1/1/1079	30
1706100383 TJ COWELL 2756	EASTERN ASSOCIATED COAL PEABODY COAL CO.			and the second s	7/8/1997	7/30/1997 <null></null>	11.00 14.14	3:
4706101273 SANDERS, THOMAS, ETUX F2-196	EASTERN ASSOCIATED COAL PEABODY COAL CO.	<null></null>	28 A	1914011901	3/26/1999	4/6/1999 <nul></nul>		33
706101327 GARRISON HE RS	EASTERN ASSOCIATED COAL PEABODY COAL CO	<nur></nur>	28 V	3/26/1999/3/25/1999				3
4708100183 WISE, M. M. 5077	(NA)	BIG INJUN (PRICEAEQ)	28A	8/26/1948 3/19/1953	12/15/1913	The second secon		3
4708101318 TJ COWELL 2713	EASTERN ASSOCIATED COAL PEABODY DOAL CO	<n_8p< td=""><td>PSA</td><td>10/7/1998 8/20/1998</td><td>9/21/1912</td><td>10/7/1998 <null></null></td><td></td><td>3</td></n_8p<>	PSA	10/7/1998 8/20/1998	9/21/1912	10/7/1998 <null></null>		3
4708101408 WOODRUFF, MARY JANE F2-469	ERP FEDERAL MINING COMPLEX, LLC	<nlrp< td=""><td>DEA</td><td>5/29/2001 5/21/2001</td><td></td><td><hul></hul></td><td></td><td></td></nlrp<>	DEA	5/29/2001 5/21/2001		<hul></hul>		
4706101401 YOST, GENE F2-447	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<n,:11></n,:11>	PSA	2/8/2001 2/8/2001	2/19/2001	3/5/2001 <null></null>		3
4706100167 SHRIVER, INA & BUSANNA 3711	A V COMPANY	<n, 8=""></n,>	PSA	10/8/1960 10/8/1960	<null></null>	12/1/1943 <null></null>		3
4706101371 AMMONS, DONZEL F2-441	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<null></null>	25 A	B/30/1999 8/24/1999	9/5/1999	10/10/1999 < Null >		3
4706100361 SHRIVER, S. 2250	DIVERSIFIED ENERGY	FIFTH	PSA	12/10/1921 <njii></njii>	7/25/1911	10/17/1911	1/1/1979	3
4706101379 WV 5252	DIVERSIFIED ENERGY	SIG INJUN (PRICESED)	P84	12/7/1999 11/22/1996	4/3/2000	4/3/2000	10/1/2001	3
4706100131 STLES T. S. 2	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<n.(i)></n.(i)>	PSA	10/3/1974 12/3/1999	9/1/1941	1/24/2000 < Null>		3
4706100064 HENNEN, WILLIAM O. 1609	(NA)	<null></null>	PSA	1/1/2000 1/1/2000	1/16/1928	4/3/1935 < Nul >		3
47061010904 HENNEN, WILLIAM O 1009	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	«Null»	PSA	1/22/1998 11/25/1997	9/23/1946	1/22/1998 < Null >		3
	EASTERN GAS TRANSMISSION AND STORAGE, INC.	«Null»	PSA	4/10/1975 4/29/1975	<null></null>	4/1/1975 < Nul >		5
4706100341 EAKIN, C. L. 11891	FASTERN ASSOCIATED COAL/PEABODY COAL CO.	s Null>	PEA	4/11/1997 2/3/1997	2/27/1997	4/11/1997 <nul></nul>		<noll></noll>
4706101266 EACC-F2-220		1000		12/6/1999 11/1/1999	<null></null>	4/1/2001	4/1/2001	
4706101378 WEWV 05471	CONSOL	< Null>	PBA	The second secon	and the second second second	2/12/2001 <niii></niii>		<null></null>
1708101400 SOUTH PENN 2	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<null></null>	PSA	12/26/2000 12/21/2000		<null> <null></null></null>		<null></null>
1706100:19 BREWER, J. M HEIRS 1	(N/A)	<null></null>	PAA	12/10/1921 7/28/1960				
4706100186 HELMICK, EDNA M. 1	(NA)	<null></null>	PSA	1/26/1947 1/26/1947	1/1/1947			<tul><tul>></tul></tul>
4706100395 SAGO, DAVID K. 7764	EASTERN GAS TRANSMISSION AND STORAGE, INC.	<nul></nul>	PSA	1/13/2000 1/7/2000	9/11/2001	9/21/2001	1/1/1979	
4706101278 (5007) F2-215	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<null></null>	PKA	8/20/1097 7/10/1997	7/31/1997	8/20/1997 <null></null>		<null></null>
4706101303 CHISLER, ERIC D F2-442	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<null></null>	PEA	3/24/1998 2/13/1998	2/10/1998	3/24/1998 <null></null>		<fwil></fwil>
4706101310 WE WV05249	OVERSIFIED ENERGY	<null></null>	PSA	4/16/1998 3/24/1998	<nul></nul>	1/1/2001	1/1/2001	
706101322 WE WV 5357	CONSOL	<null></null>	PSA	12/1/1998 11/23/1998	< hull>	1/1/2001	1/1/2001	<nul></nul>
4706101332 GOWELL, ARTHUR 5420	CONSOL	<null></null>	PSA	5/17/1999 5/7/1999	<nut></nut>	1/1/2001	1/1/2001	<nul></nul>
708101364 HOWARD, KYLE F2-460	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	< Null>	PSA	5/21/1999 5/5/1999	5/4/1999	5/25/1999 < Null>		<nul></nul>
470e101387 MILLER, JACKIE W JR 5422	CONSOL	< Null>	PSA	6/11/1999 5/26/1999	<nut></nut>	1/1/2001	1/1/2001	<nul></nul>
4706101396 HOWARD, KYLE F2-469	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	< Null>	PSA	10/17/2000 10/11/2000	10/13/2000	11/14/2000 <null></null>		<nul></nul>
	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	« Null>	PAA	11/14/2000 11/2/2000	11/15/2000	12/21/2000 < Null>		<null></null>
4700101390 HOWARD, KYLE F2-458	EASTERN ASSOCIATED COAL/PEASODY COAL CO.	<nul></nul>	P&A	7/3/2001 8/28/2001	7/3/2001	8/3/2001 < Null>		<null></null>
4708101412 TENNANT 2				11/16/2001 11/6/2001	12/18/2001	1/17/2002 <n.8></n.8>		<null></null>
4706101429 FASTERN ASSOCIATED COAL F2-476		<null></null>	P&A	7/8/1997 8/9/1997	0/11/1997	7/8/1997 <null></null>		<null></null>
4706101274 HDPE 427-F2-194	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<null></null>	P&A		<null></null>	1/1/2001	1/1/2001	
4706101331 WALLS, DONCEL 5419	CONSOL	<nul></nul>	P&A	5/17/1999 5/7/1999			10112001	
4706101365 COLE, RICHARD F2-462	EASTERN ASSOCIATED COAUPEABODY COAL CO.	<nul></nul>	P&A	6/10/1999 6/8/1999	6/7/1999		· · · · · · · · · · · · · · · · · · ·	<nul></nul>
4706101375 WEWV 05470	CONSOL	<nul></nul>	P&A	11/2/1999 10/13/1999		1/1/2001	1/1/2001	
4706101385 PENN 4	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<nui></nui>	PSA	3/3/2000 2/24/2000	2/23/2000	3/21/2000 < Null>		<null></null>
4706101390 HOWARD KYLE F2-457	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	≺Nuil>	PSA	5/31/2000 5/30/2000	6/7/2000	7/5/2000 < Null>		<null></null>
4706101394 BAIRD, BETTY F2-446	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	≺Nuil>	P&A.	9/8/2000 9/5/2000	9/8/2000	10/27/2000 < Null >		<null></null>
4706101113 MARSHALL, THOMAS F2-477	EASTERN ASSOCIATED COAUPEABODY COAL CO.	≺Null≻	PSA	7/26/2001 7/25/2001	8/2/2001	8/30/2001 < Null>		<null></null>
4706100949 AMMONS DONZEL F2-440	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	≺Null>	P&A	1/10/2000 1/5/1900	1/10/2000	1/21/2000	8/1/1963	<null></null>
1706101135 GARRISON HEIRS	A V COMPANY	≺Null>	PSA	10/1/1994 9/30/1993	<null></null>	10/1/1994 < Null>		<null></null>
4706101232 SHRIVER, HOWARD WEWV-6133	CONSOL	<null></null>	PSA	5/3/1998 4/29/1990	<null></null>	4/12/1998	1/1/1997	
4706101239 SHRIVER, HOVYARD WEWV-0133	DIVERSIFIED ENERGY	<nul></nul>	P&A	4/16/1998 3/24/1998	<null></null>	4/1/2001	4/1/2001	
		<nul></nul>	P&A	11/20/1998 10/30/1998		12/10/1996 < NUE>	- 112001	«Null»
4706101321 ELLEN EDDY 7	EASTERN ASSOCIATED COAL/PEABODY COAL CO.				<null></null>	1/1/2001	1/1/2001	
4708101368 BARTHOLEMEW, RICHARD A 5421	CONSOL	<nul></nul>	P&A	6/11/1999 5/26/1999	100		1/1/2001	
4706101399 SOUTH PENN 3	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<null></null>	PAA	12/26/2000 12/21/2000				<null =<="" td=""></null>
4706100058 WISE & TENNANT 5	YOST, GENE D. & SARA E.	<nui></nui>	P&A.	8/23/1935 8/23/1935	7/29/1935			<null></null>
4705100159 HARKER, JOHN O. 1	(N/A)	<nu1></nu1>	P&A	12/10/1921 4/17/1962	«Null»	<null></null>		<null></null>

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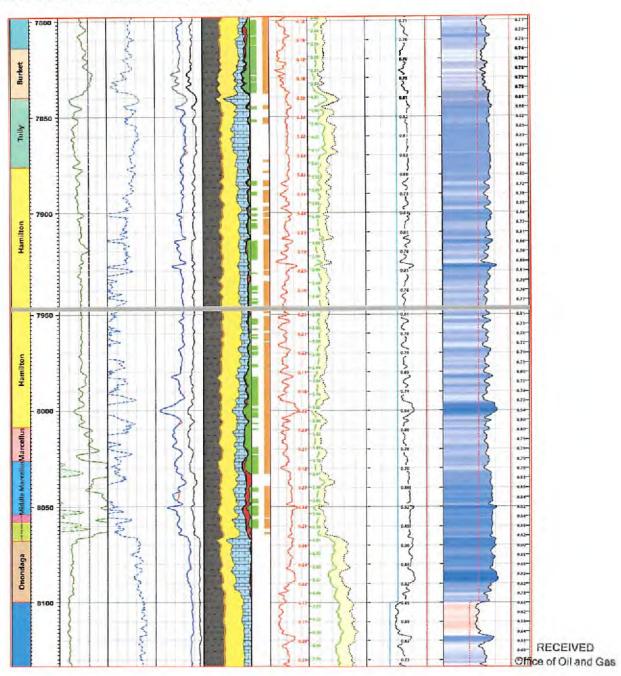
WV Department of Environmental Protection

4 | Page

Tuesday, April 12, 2022



Figure 3. Stratigraphic intervals of high stress should serve as adequate confining layers, or frac barriers, for a Marcellus frac, seen below in the Wadestown Area Stress Profile log.



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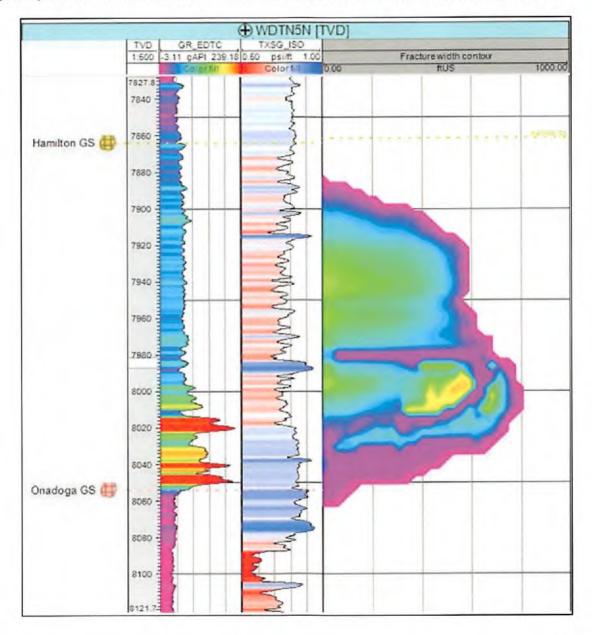
WV Department of Environmental Protection

5 | Page

Tuesday, April 12, 2022



Figure 4. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is from the WDTN5B. Frac modeling yields a frac height of approximately 200'.



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6 | Page

Member, Pennsylvania Association of Noterles

WW-9 (4/16)

API Number 47 -	- Y-
Operator's Well	No WOTNISAHSM

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

FLUIDS/ CUTTINGS	DISPOSAL & RECLAMATION PLAN	
Operator Name CNX Gas Company LLC	OP Code 494458046	
Watershed (HUC 10) Dunkard Creek	Quadrangle Wadestown	
Do you anticipate using more than 5,000 bbls of water to Will a pit be used? Yes No	complete the proposed well work? Yes ✓ No No	
If so, please describe anticipated pit waste: N/	'A	
Will a synthetic liner be used in the pit? Yes	No If so, what ml.? N/A	
Proposed Disposal Method For Treated Pit Wast	tes:	
Land Application		
	Permit Number)	
Reuse (at API Number	NAME OF THE PERSON OF THE PERS	
Off Site Disposal (Supply form Other (Explain N/A no pits use	m WW-9 for disposal location) ed	
Drilling medium anticipated for this well (vertical and ho -If oil based, what type? Synthetic, petroleum, e		VED
Additives to be used in drilling medium? Bactericide, Poly	Office of Oil a	Charles of the last
Drill cuttings disposal method? Leave in pit, landfill, ren	noved offsite, etc. Removed offsite APR 2 6	2022
-If left in pit and plan to solidify what medium w	will be used? (cement, lime, sawdust)	2022
-Landfill or offsite name/permit number?	WV Departm Environmental I	Contraction of the state of
	I and Gas of any load of drill cuttings or associated waste rejected at any ovided within 24 hours of rejection and the permittee shall also disclose	
on August 1, 2005, by the Office of Oil and Gas of the W provisions of the permit are enforceable by law. Violati law or regulation can lead to enforcement action. I certify under penalty of law that I have pers application form and all attachments thereto and that,	s and conditions of the GENERAL WATER POLLUTION PERMIT is fest Virginia Department of Environmental Protection. I understand that ions of any term or condition of the general permit and/or other applic sonally examined and am familiar with the information submitted on based on my inquiry of those individuals immediately responsible on is true, accurate, and complete. I am aware that there are significantly of fine or imprisonment.	at the cable this e for
- J.L		
Subscribed and sworn before me this 20 day Publica Jachureja My commission expires November 7	y of April , 20 22 Notary Publicomonwealth of Pennsylvania	- Notar
My commission expires Movember 7	Rebecca Zachwieja, Notal Washington Count My commission expires Nove Commission number 19	ry Publ ty mber 7

Operator's Well No. WDTN19AHSM

		1.0 Prevegetation	nu 6.5	
Proposed Revegetation Treats			прн	
	Tons/acre or to correc	et to pH 7.0		
Fertilizer type 10-2		_		
Fertilizer amount 50		lbs/acre		
Mulch_ hay or stra	aw @2	Tons/acre		
		Seed Mixtures		
Te	mporary	Pe	rmanent	
Seed Type Orchard Grass	lbs/acre 25	Seed Type Orchard Grass	25	lbs/acre
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15	
Ladino Clover	10	Ladino Clover	10	
Maps(s) of road, location, pit provided). If water from the pacreage, of the land application	oit will be land applied, inc on area.	d application (unless engineered plans in clude dimensions (L x W x D) of the pit,	ncluding th	is info have been area area
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Landfill Office: (710) 543-4389	Dave Brown 412-848-1328. disown@AeesU.com	Rob Bealko 304-291-0383 Office	304-282-8814 Cell rob bealko@nuverra.com Office 740-609-3000	Jack Bernent GED Austin Master Services LLC 355 Circle of Progress Polystown PA, 19464 Ph. (555) 700-2744 Faz. 434 624-5906* Office: 740-609-3800	Jack Bernent CEO Austin Marter Services LLC 355 Circle of Progress Portstown PA, 19464 Ph.(385) 704-7144 Fac. 484 624-3506	Dave Brown 413-848 Winsap 330-692-0422 dbrown@Apert.F.com Bob Orr 240-796-6495 E14-643-8896 orrpetro@gmail.com	Contract Ops Groups	Contact Ons Groups	Contact Ops Groups	Contact Ops Groups	Contact Ops Groups Wes Mostor General Manager wastin @desprockdt.com DeepRock Disposal Solut	Office, 740,371,5 304,585,0936 Wes Mossor General Manager westin@desprock DeepRock Dispos	Office: 740.371.5078 ext. 304.588.0936 Wer Mosson General Menager wesm@deeprocks.com Deepfeck Disposal Soluti	Office: 740.311,5078 ext. 304.581.0936 Wes Mostor General Manager ween @deeprocks.com Deepfock Disposal Soluti		
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	W.	WMGR GP No. 1235W001 WQM Industrial Weste Permit No.:	2608201 A-2	NAM	472	N/A 41.154 34.180	WASZD96D88UC	VASZD93088UC	VASZD9288BUC	VASZD970BRUS	VASSZD9Z1BBUC	API # 94-151-2-513-00-00	nite API # 34-367-2-0-464-00-00	A918 34-3673-9648-C0-00	Order No. 2003-79: American Growen No. 1 Well, SYMW No. 26 ARI E34-5E7-2-9756-70-00	N/N
	Major Property of the Australia	-79 924786	Appalachian Water	V/N	N.N.	N/A Remble 1-0 81.845.899 (S.WIYWZE)	BPCOI	N26.	5	AWII44	But Well	Onter No. 2015-453; Vocational School No. 2 Well, SWIW No. 20	Order No. 2015-5821 Helimkh Unit R2 Well, SWIM No. 23	Order No. 2015-58.11. Helmich Unit F1 Well, SYNW Mo. 21.	Crider No. 2019-79; American Growers No. 1 Well, SWW No.	
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13 County Road 78	Amsterdam, Ohlo 43903		2326 McClelanctown Road, Masontown, PA 15161	801 N 2st St. IA anins Ferry, OH 48985	801 N 1st St. Martins Ferry, OH 48935	78405 Cadis-New Athers Rd, Cadis, OH 43907. Zanesville, Muskingum County, Perry Township, OH	Buchanan County, VA	Buchanan County, VA	Buchanan County, VA	Russell County, VA	Buchanan County, VA	Washington County, Warren Township, OH	Washington County, Warren Township, OH	Washington County, Warran Township, OH	Washington County, Marietta Township, CH	41540 National Road
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Apex Sanitary, Landfill	(Apex Environmental)**		Appalachian Water Services (Nuverra Environmental Solutions)	Austin Matter Services	Austin Master Services	Belmost Solids Central Cambrian Well Services - Kemble (Orr Petroleum Corporation)	CNX Resources Corporation	Despitack Disposal Solutions	Despitock Disposal Solutions	Deepflock Disposal Solutions	V Department of protection of the protection of	of :				
		Non-Hell Linestell	Brine Injection - Treatment	Brine Injection - Treatment	BW & TENDRM	RW & TENDRAM Brites Intertion - Treatment	Brine Injection - Treatment	Bribe Injection - Treatment	Brine Injection - Treatment	Brine Injection - Treatment	Brine Injection - Treatment	Brine Injection - Treatment	Brine Injection - Treatment	Brine Injection - Treatment	Briss byection - Treatment	

rine Injection - Treatment	Environmenta (nwzy Servies ILC (Forse, Inc.)	Mandigum County, 1943/1944, 41.835727 Battowille, OH Rehnort County, OH	3-District No. 3-District No. (SWIW #30) Buckeye UIC Bertaville (SWIW #2)	API # 34-119-2-6803 34-015-2-0509 UIC #609	Bethe (Preduced Water)	Annie 41228 0069 Mobile 41228 0069 Mobile 41228 0069 Efran Force Original Com Mobile 41228 0069
And the Contract of the Contra		1			Franchister bride produced water	Office: 724.465.9399 bforce@forceincorporated.com
stine injection - i restment RW & 1ENDRM	Environmental innergy services LLC, Force, Inc.) Hud Management Solutions (FARS)	76-15 US-30 Eart, Tradajota, WV 3609 43,06846,40,63,187, 57,495138,	nja	N/A LIIC LICEBOSSORIE	Comment Water, Oil State, Drill Mand, Water Base, Cellar Clean Outs ea. Absorting to sustement and sustained and they have steringe capacity at 2000bbl for 100b tens and 10.5 between. Clean II rejection fluids there are in convestion with convestional oil on Clean II rejection fluids there are no convestion with convestional oil on	Kevin Flaherty (412)973-1586 2achery Reed
Brine in ection - Treatment	Gas Fand Services, no.	200 Camp Creek Road, Camp Creek, IVV 25820 401 Jefferson Rd,	-81.105151 Camp Creek Disposal Well	API: 47-055-40313	gas production and may be comminged with water writers from gas polarit unless those waters are classified as hazardous weater at the time of injection.	zacheryneyanos.com PO Box 555, Rosedale, VA 24280 Phone; (276) 880-2313 Gary Carpenter
Brine Injection - Treatment.	Greene County Water Treatment, Inc.	Waynesburg PA 15370 39,908611,-80,141111	Waynesburg Facility	WMGR1235W030	Dill and Gas Fluids with ministral oil and solids prosent	257-246-6176 JAB GCarnerter® ael.com Othree (330) 270-9900
NW & TENDRIM	Ground Tech LLC	240 Sinter Court, Yeungstown, OH 44530 41.113280, -80.673500 572 Route 18	KIN	N,A	Non-redioactive material, low lavel prolosetive material, (NDOM/THOMB), and little uses ITADIM material handling, storage, downshinding transport/loading to rail, tash creaning, radioaptical sampling/testing analysis/lab.	Larry Chamberiain 330-398-5919 Itahamberiain Glavcins.com Ashiey Cromley
Brine Injection - Treatment	Hydro Recovery	Burgettstewn, PA15021 40 423574, -60 426125	Burgettatown Facility	WMGR1235W019	Oil and Sea Ruids with minimal oil and solids present Gas Swelfer Waste Streams. Drill Cutings/Fac Sand, Waste Bans.	S70-394-4450 Ashley.cromley@hydrorecoverylp.com
Non-Haz Disosal	Masaro & Sons-Wettil Co.l.F	Linet's Rid New Marthrolle WV 26155	Wettel County Land/III	N/A	Other Accepted Waste Streams: Contaministed Soil Bricholing Particleum/Construction & Demolition Waste, Industrial Waste, Process Waste, Municipal Soild Waste	Terry Gadd Terry gadd@jpmascaro.com, 610-635- 4133 Psyl Williams
RW ETENORM	Mod Matters L.C.	54054 Wirtnessen 1d (or Cty, OH 43725 at 045219	NA	NA	Non-radioactive material, low level natioactive material (PODA) Tribatoly, and this host TROBAN meteral handing, storage, and transport (TBIOSH downshireding of two level TBIOSH materials of two level TBIOSH materials (SES pC) condito. High lovel TBIOSH materials will be diversed to Austrin Material Services in Martine Ferry, Otho by Ground Tech).	740-995-0664 mudmatterspor Bigmali.com Billing Address: South gate Powy, Cambridge, Chio 48773: stern Tweldy
		2619 Old Trail Road				Johnt@mxinc.com 276-628-6696 ext. 202; 276-608-0003 Cell
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Olly 6, Oilly Water Treat - Recycle		515 Industrial Blud, Woosber, OH 44691 N/A	N/A	N/A	Neon-hazandous wattewater, transportation, treatment and disposal facility. Also offer transportation and solidification services.	330-254-8050 (O) plater@quala.us.com
Non-t-az Discusal	Republic Services - Carbon Linestoons**	B 200 S 5386 Line RR, Love (b) (B, O) 44486 N/A	Carbon Unretone Lendfill	HA	Gas Seedife Wazze Streams: Drill Cuttings, Wasse Liners, Other Accepted Wazze Streams. Continuous following for the Petrolium) Construction & Demolition Waste, Institution (Marze Petrolium) Construction & Demolition Waste, Institution Streams and Studies, Proceed Wazze, Solidification Services, Municipal Solid Waste, Solidification Services, Municipal Solid Waste, Solidification Services, Municipal Solid Waste, School For Services, Redmin 25 (STSE subjects to your before leaving the wing gad Solid waste Rending Institution in Shan a processor TOO Milk waste with combined concentration less than a processor TOO Milk waste with combined concentration less than a processor TOO Milk waste with combined concentration less than a processor TOO Milk waste with combined concentration less than a processor of the span description of the State Solid Cutting Control Music Streams. Contaminated Soil (Institution)	Jack Priemo piekmolimpub trevites son, 330-396 75/5
Non-Het Discus	Reputsic Services - Imperial (Allied Waste of PA)	11 Boggs Rd, Imperial, PA 15126	Importal Landfill	NA	Perroleum, Construction & Demoision Waste, Industrial Waste, Studge, Frisible Actestro, Nan-Frable Asbestror, Municipal Solid Waste.	Jack Paintno - Ipalermo@republicservioss.com, 330-536 7575
Non-His Discosil	Republic Services - Short Creek	North Ford Short Creek Road, Wheeling, WV 25003	Short Creek Landfill	NA	On apperfor Yorks observed from Cartilla Cartilla Ander Lives, Other Accepted Week Streams, Contaminated Soil Incideling Percineum), Construction & Demolstics Waste, Industrial Whate, Sinday, Froness Wesca, Municipal Soild Waste.	Jack Palemo - Jackmog republicaevices.com, 330-536 7575
Brine Injection - Treatment	Reserved Environmental Survices (RES)	1157 On Matter 113 South Mt. Pleasant, PA 12666 40 215555, 75 606388 966 Uppercott Road	New Stanton Facility	WANGALZES WOOS	Oil and Gas Fluics with minimal oil and solids present	Matt Kicinski 81a-57a-9701 mkicinski @reswater.com Matt Kicinski
Brine Injection - Treatment Hazardous Waste Disposal	Noss (RES)	Waynesburg, P.A.15370 99 945555, 480 140933 10 beckets in Park Driver Wheeling, W. 26003 N/A	Waynesburg Tacility Wheeling Landfill	WMGR1235W031	Oil and Gas Plulds with minimal oil and solds present. FORATSCA Watte, PCS Transformer & Capacitors, PCB Soil (Debris, Non-Hazardos Watters, Abberts Watters, Soiliditation Services.)	8455749301 mikichi (bewastat.com Gordon Cooper Gordon cooper@tafsty-kleen.com 904-215-2284
DIV & DIIV Water Treat - Recycle Spirit Services, Inc.	fice of O APR 2 V Depar onmenta	373 Industrial Park Lin. The 1973 Industrial Park Lin. The 196350 Williams WV N/A.	Alk	N/A	Approved for mon-has wares revarment of oil & warrer mix. Also other to mero-trailion and solidification services. Capable of other tyres of waste deposal and handling with prior Environmental and Supply Chain aperoval.	1,286-670-9034 Joe Staton 17,7360-7316 Office 901-229-1231 Fac 301-229-1233 Jackson Polytravices.com
	il and o	SIS NEW			Acproved for non-hast water treatment of diff. water mb, oil, gi	Guy Turtures Guy Turtures Euwe Atkinson

Customer Service: 1 (856) 909-4458			Customer Service: 1 (865) 909-4438		saml, mthoma15@wm.com	Process Tom Farmworth: C-330-204-4244,	Terrewollwm.com	transami@mm.com	(865) 388-7279 Cell	(205) 652-8157 Tech Service	Customer Service: 1 (866) 909-4458				Customer Service: 1 (866) 909-1458		eum), mthoma15@wm.com	Process Tom Family or 330 204 4244,	TFarmswo@wm.com		The social of th	Tannadour com				e, Tom Farmworth C- 350-204-4244,			Ocors, or 110-734-6231				te. Tom Farmsworth: C-330-204-4244,		Mark A. Thomas: 412-522-0610,		ze, Tom Farnsworth: C- 830-204-4246,		methoms 1 (Dum nom		TFamswo@wm.com				Tom Farmsworth: C-330-204-4244.
filters, and antifracts only. Gas Specific Waste Streams: Orll Cuttings, Waste Liners, Other	Accepted Waste Streamst Centaminated Soil (Including Petroleum) Construction & Demolition Waste, Industrial Waste,	S'udge , Friable Asbestos, Non-Friable Asbestos, Process Waste,	Solidification Services, Municipal Solid Waste	Gas Specific Watte Streams; Drill Cuttings, Waste Liners, Other	Accepted Waste Streams: Contaminated Soil Including Potroleum),	Construction & Demolition Waste, Industrial Waste, Sludge, Process Tom Farmworth, C. 330-204-4244,	Waste, Solidification Services, Municipal Solid Waste			Spencer to complete		Gas Specific Waste Streams Drill Cuttings, Waste Liners, Other	Accepted Waste Streams, Contaminated Soil (Including Petroleum).	Construction & Demothton Waste, Industrial Waste, Municipel Solid	Waste	Gas Specific Wasta Streams: Drill Cuttings, Waste Liners, Other	Accepted Waste Streams: Contaminated Soil (Including Petroleum).	Construction & Demolition Waste, Industrial Waste, Sludge, Process. Torn Farnsworth: C- 330-204-4244.	Waste, Solidification Services, Municipal Solid Waste	Gas Specific Waste Streams: Drill Cuttings, Waste Uners, Other	Accepted Waste Streams! Contaminated Soil (Including	Petroleum/Construction & Demointed Waste, Industrial Waste, non- companient. Construction, Construct	Friedlie Aspectos, Process waste, Municipal Solid Waste,	Accepted Waste Steamer Contaminated Soil (Prouding	Petroleum)Construction & Demoltton Waste, Industrial Waste,	Sludge, Friable Asbestos, Non-Friable Asbestos, Process Waste,	Solidification Services, Municipal Solid Waste		RCRA/TSCA Waste, PCB Transformers & Capacitors, PCB Soli/Deorts, Montherson Waster, Enhanced Waste, Salidification Services.	MAINTAGE CAMEN TO SECURE AND THE SECURE SECU	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other	Accepted Waste Streams: Contaminated 5oil (Including	Petroleum/Construction & Demolition Watte, Industrial Waste.	Studge , Process Waste, Solidification Services, Municipal Solid Waste	Gas Specific Maste Streams, Doll Cuttless Waste Libers, Other	Accepted Waste Streams: Contaminated Soil (Including	Petroleum)Construction & Demoltton Waste, Industrial Waste,	Sludge, Process Waste, Municipal Solid Waste	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other	Accepted Water Clodes Propers Water Solidification Services.	Municipal Solid Watte	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other	Accepted Waste Streams: Contaminated Soil (Including Petroleum),	Construction & Demolition Waste, Industrial Waste, Sludge, Frieble	Asbestos, Non-Frishle Asbestor, Process Warte, Solidification
N/A			NA				MA								NA				N/A			***	N/A				N/A			472				N/A				NIA			N/A				
4/14			American Landfill				Arden Landfill								Evergreen Landfill				Kelly Run Landfill			100	Mahoning Landfill				Meadowffl Landfill		The same of the sa	Model Lity Landfell				Northwestern Landfill				555 Grading Landfill			South Hills Landfill				
Huntington, WV 25201 N/A.		7916 Chapel St SE,	Waynesburg, DH 44688 N/A.			200 Ranges Ln.	Washington, PA 15301 N/A		DOC Green in District of	The about	Tago				Blairsville, P.A.15717 N/A			1500 Havelen Blied	Elizabeth, PA 15037 N/A				Springfield, OH 44443 N/A			1489 Dawson De	Bridgeport, WV 26330 N/A	1550 Balmer Rd	Youngstown, NY 14174	MA			SID Dry Run Rd,	Parkersburg, WV 26104 N/A			4439 Good Hope Pike.	Clarksburg, WV 26301 N/A		Acres to the Party of the Party	Traumhin PA 15129 MA				6015 Pleasant Valley Rd,
Olly & Olly Water Treat - Recycle Valicor Environmental Services LLC			Waste Management - American Landfill				Waste Management - Arden Landfill			Marte Management Charter & Didea	WHEN THE PROPERTY AND PROPERTY AND PROPERTY.				Waste Management - Evergreen Lancilli				Waste Management - Kelly Run			100 100 100 100 100 100 100 100 100 100	Waste Management - Mahoning Landfill				Waste Management - Meadowfill Landfill			Watte Management - Mode Lity				Watte Management - Northwestern Landfill				Waste Management - 58.5 Grading Landfill			Wate Management - South Hills (Arrond)	A COLUMN TO THE PARTY OF THE PA			
0% & Oily Water Treat - Recycle			Non-Haz Disosal				Non-Haz Disesal			Mon-Hay Dienous	Dendar return				Non-Haz Discasi				Non-Haz Disosal				Non-Haz Discsal				Non-Haz Dispsal		The same of the sa	Hazardous Waste Deposal				Non-Haz Dispsal				Non-Haz Discaal			Non-Haz Disosal				

RECEIVED
Office of Oil and Gas

APR 2 6 2022



Site Safety Plan for Wells WDTN19AHSM CNX Gas Company, LLC.



APR 2 6 2022

Approval Sheet

The Office of Oil and Gas and the Oil and Gas Conservation Commission have set forth minimum requirements for necessary equipment and procedures that must be addressed in a Safety Plan ("Plan") and shall be submitted and approved prior to drilling a deep well. A deep well shall be any well which meets the definition as provided for in Chapter 22C, Article 9 of the West Virginia Code.

A site specific Safety Plan must be submitted with each deep well application or no later than one week prior to spudding. Approved Plans shall be maintained and available at the drilling rig at all times.

The Office of Oil and Gas must approve all changes and modifications to previously approved plans.

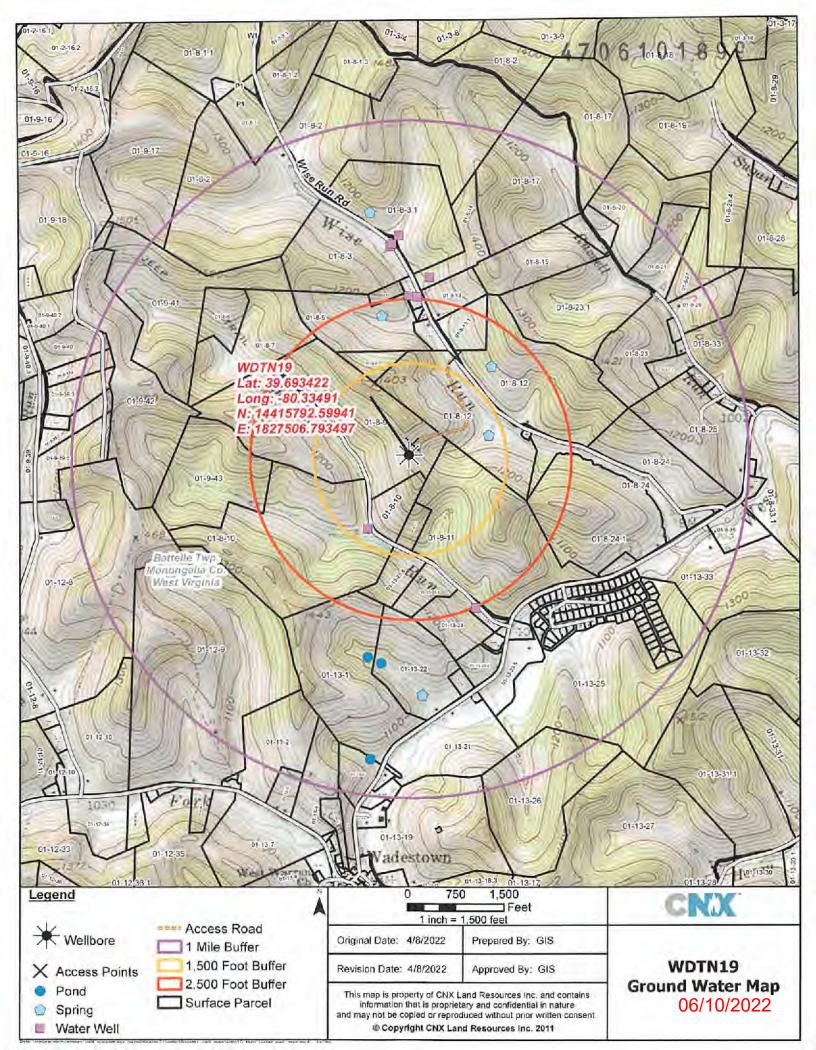
This plan has met the requirements of the Policy Statement Deep Well Drilling Procedures and Site Safety Plan Requirements as set forth by:

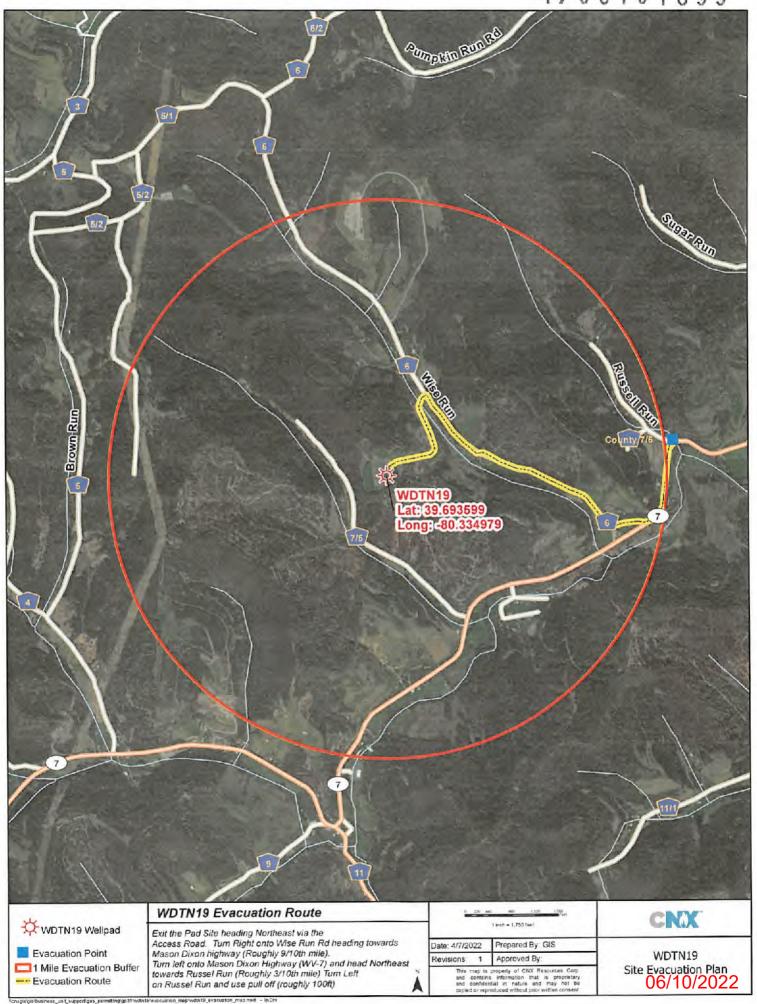
And West Virginia Oil and Gas (Conservation Commissi	on.		
Approved this day	of month		, 20	_ by
Kenneth Greynolds	signed by Kerneth Gerynoids Kerneth Gerynoids enail = Kerneth L Kerneth Gerynoids 2.04.214.04.0500			
		Date:		

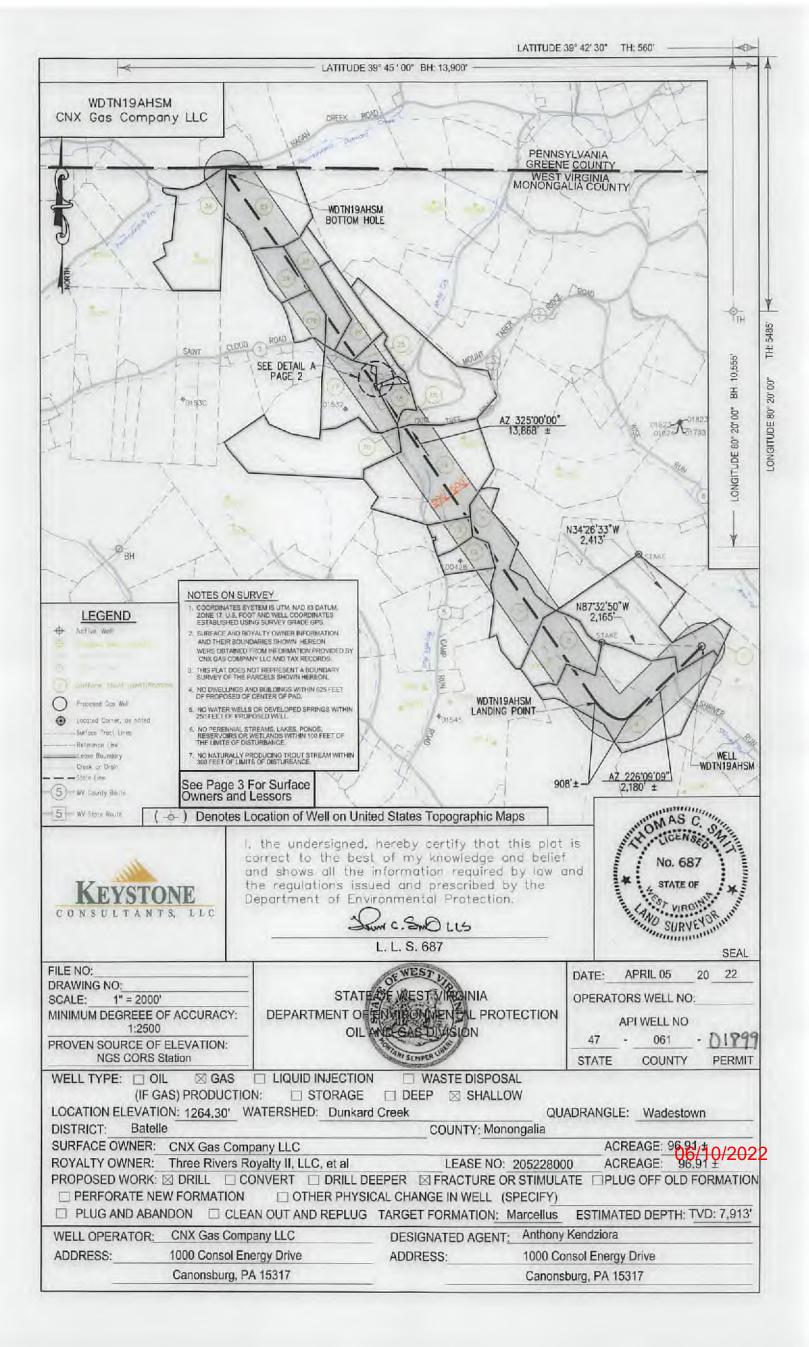
West Virginia Division of Environmental Protection, Office of Oil and Gas

RECEIVED
Office of Oil and Gas

APR 2 6 2022







WDTN19AHSM CNX Gas Company LLC WDTN19AHSM DETAIL 50 1" = 2000" Well References REFERENCE REFERENCE WDTN19AHSM 1" = 2000" E: 556990.604 NAD 83, WV NORTH N: 435719.456 E: 1733449.107 AT/LON DATUM NAD 8 LAT: 39"41'35.795 LON: 80°20'07.134° UTM 17 NAD 83 N: 4393561.422 E: 556291.677 NAD 83, WV NORTH N: 434561.731 E: 1731135,689 AT/LON DATUM NAD 83 WDTN19 WELL PAD UTM 17 NAD 83 N. 4396982,029 E: 553810,524 NAD 83, WV NORTH N: 445922,0732 E: 1723181.6629 OWDTN19BHSM OWDN19AHSM LAT/LON DATUM NAD 83 LAT: 39" 43" 15.662" LON: 80" 22' 19,750' ON AS C. CICENSE 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 Department of Environmental Protection. KEYSTONE STATE OF OF VIRGINITY CONSULTANTS, NO SURVEYOR Som c. SNO LLS SOKAC ... L. L. S. 687 SEAL STATE OF WEST VISIONIA
DEPARTMENT OF THE PROTECTION FILE NO: APRIL 05 DATE: DRAWING NO: SCALE: 1" = 1000" OPERATORS WELL NO: MINIMUM DEGREE OF ACCURACY: API WELL NO 1:2500 OIL ANGEGAS DIVISION 081 47 - 01899 PROVEN SOURCE OF ELEVATION: NGS CORS Station STATE COUNTY PERMIT ☐ OIL ☐ GAS WELL TYPE: □ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ DEEP ⊠ SHALLOW (IF GAS) PRODUCTION: ☐ STORAGE 1264.30' WATERSHED: Dunkard Creek LOCATION ELEVATION: QUADRANGLE: Wadestown Batelle DISTRICT: COUNTY: Monongalia SURFACE OWNER: CNX Gas Company LLC ACREAGE: 9606£10/2022 ROYALTY OWNER: Three Rivers Royalty II, LLC, et al LEASE NO: 205228000 ACREAGE: 96.91 ± PROPOSED WORK: ☑ DRILL ☐ CONVERT ☐ DRILL DEEPER ☑ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'

> 1000 Consol Energy Drive Canonsburg, PA 15317

DESIGNATED AGENT: Anthony Kendziora

ADDRESS:

WELL OPERATOR: CNX Gas Company LLC

1000 Consol Energy Drive

Canonsburg, PA 15317

ADDRESS:

WDTN19AHSM CNX Gas Company LLC

PAGE 3 OF 8

RACT ID	SURFACE OWNER	LESSOR	PIN
1	CNX Gas Company LLC	Hugh Kirkland	1-8-9
		Jack T. Livengood and Mary Jo Livengood	
		Barbara Haning	
		Diane H. Gonclaves, individually and co-executor of the	
		Edward Lee North Estate	
		Patrick Lee North	
		Melissa Kubishke	
		Catherine C. Kirkland	
		Louise H. Berg, as Trustee o the The Louise H. Berg Revocable Trust	
		Sherry Lemons	
		Christine A. Kirkland, as Trustee of the Christine A. Kirkland Trust	
		Pamela Jayne Brewer, as Trustee of the Pamela Jayne Brewer	
		Revocable Trust	
		Stephen D. Kirkland and Julie D. Kirkland, Trustees of the	
		Kirkland Family Revocable Trust dated 9/2/1998	
		Catherine Haning Coleman, f/k/a Catherine G. Haning	
		Zachary C. Haning	
		Mary Hennen	
		A. E. Hennen, III	
		Morgan Haning	
		Sarah C. Sheridan	
		Kathleen Farmer	
		Anne W. Haning	
		David Michael Hennen	
		John K. Hennen	
		Robert Douglas Hennen	
		Elizabeth L. March	
		Three Rivers Royalty, II, LLC	
		Debora Rae Manning, a/k/a Deborah R. Manning, a/k/a Debora	
		R. Manning and Robert Manning, w/h	
		Kathryn Rew Becker and Michael Compton, w/h	
		BOKF, N.A. as Sole Trustee of the Alma Kirkland Revocable	
		Trust	
		Gail T. Bellucci	
		Northeast Natural Energy, LLC	
4	Troy David Beckner, ET AL	Mary Jane Beckner, Life Estate, widow and Troy David Beckner	1-8-10
	no, burn beckner, et al	and Janet Lee Smith, Remaindermen, JTROS	2010
		Antero Resources Corporation	
6	Troy David Beckner, ET AL	Elizabeth A. Cosmides f/k/a Elizabeth A. Peppler	1-9-43
	, 2011.2 20011101, 21112	Mary Jane Beckner, Life Estate, a widow;	
		Troy David Beckner and Janet Lee Smith, Remainderman as	
		Joint Tenants, both married persons dealing in their sole and	
		separate properties	
		Antero Resources Corporation	

06/10/2022



API WELL NO

WDTN19AHSM CNX Gas Company LLC

PAGE 4 OF 8

OHA Gas company 226	PAGE 4 OF 8							
TRACT ID SURFACE OWNER	LESSOR							
7 Rose Thomas, ET A	. Rose Thomas, aka Rose L. Thomas Sarah C. Sheridan, a married woman dealing in her sole and							
	separate property							
	Gail T. Bellucci, a married woman dealing in her sole and							
	separate property							
	Hugh Kirkland							
	BOKF, NA, as Sole Trustee of the Alma Kirkland Revocable Trus							
	Sherry Lemons Melissa Kubishke							
	Pamela Jayne Brewer, as Trustee of the Pamela Jayne Brewer							
	Revocable Trust							
	Stephen D. Kirkland and Julie D. Kirkland, Trustees of the							
	Kirkland Family Revocable Trust dated September 2, 1998							
	Louise H. Berg, Trustee of the Louise H. Berg Revocable Trust							
	Christine A. Kirkland, as Trustee of the Christine A. Kirkland Trust							
	Catherine Kirkland							
	Dorothy A. Hammer, divorced							
	David B. Haines and Jeanette C. Haines, husband and wife							
	Barbara Thomas, a widow							
	Constance A. Corey, fka Constance Ann Haines and Robert Corey, wife and husband							
	Lisa Craig, divorced							
	Kathleen Costner, fka Kathy Figueroa, divorced							
	Mark A. Macale, single							
	Mike E. Macale, single							
	June Fulton, fka Jane Fulton, herein dealing with her sole and							
	separate property Faye B. Sigman, fka Faye Arnold Buckley, herein dealing with							
	her sole and separate property							
	Michelle Woods, f/k/a Michelle Brienne Haines, a married							
	woman, dealing in her sole and separate property							
	Terri Attinger fka Terri Devlin and Richard C. Attinger, wife an							
	husband Jerilyn R. Baucum, married, herein dealing with her sole and							
	separate property							
	Julie Ann Griffis and Gary Griffis, wife and husband							
	William Lee Haines, Jr., herein dealing with his sole and							
	separate property							
	Phillip Ronald Laws							
	Glynis Marion, f/k/a Glynis Lane Larry J. Miller, Jr.							
	Pepe Patrick Jack Miller, fka Pat Miller and Kelly Anne Miller,							
	husband and wife							
	Kris Laws Miller and Robin McClary, her wife							
	Raymond Wayne Frye, divorced							
	Rosalie J. Capshaw, widowed Jean Banks, a widow							
	Kathleen Farmer, a married woman dealing in her sole and							
	separate property							
	A. E. Hennen, III, a married man dealing in his sole and							
	separate property							
	John K. Hennen, a single man							
	David Michael Hennen, a married man dealing in his sole and separate property							
	Mary Hennen, a single woman							
	Robert Douglas Hennen, a single man							
	Morgan Haning							
	Anne W. Haning, a single woman							
	Zachary C. Haning, a married man dealing in his sole and							
	Separate property Catherine Haning Coleman							
	Carlos Saucedo							
	Ezra Charles McDaniel							
	Patrick James Saucedo							
	Barbara Haning							
	Patrick Lee North, individually and as co-executor of the							
	Edward Lee North Estate							
	Diane H. Goncalves, individually and as co-executor of the							
	Edward Lee North Estate							
	Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and							
	separate property							
	Tonya Huntoon, a married woman, dealing in her sole and separate property							

06/10/2022



API WELL NO

PIN 1-9-42

47

- 061 - 01899

STATE

COUNTY

PERMIT

PAGE 5 OF 8

TRACTID	SURFACE OWNER	LESSOR	PIN
12	Agreement No. 291925000 Rose Thomas, ET AL	George Shriver, himself and as Guardian of J. M. Shriver Lucy White and Edward White, her husband Dennis Haines, F.E. Liming and Ethel Liming, his wife Dennis Haines, F.E. Liming and Ethel Liming, his wife Dennis Haines, F.E. Liming and Ethel Liming, his wife	1-9-40
		The Philadelphia Company of West Virginia Pittsburgh and West Virginia Gas Company	
		Equitable Gas Company	
		Equitrans, Inc	
		Equitrans, L.P.	
		Tri-County Oil & Gas, Inc,	
		Leatherwood, Inc.	

13	Rose Thomas, ET AL	Rose Thomas, aka Rose L. Thomas	1-9-40.2
		Sarah C. Sheridan, a married woman dealing in her sole and	
		separate property	
		Gail T. Bellucci, a married woman dealing in her sole and	
		separate property	
		BOKF, NA, as Sole Trustee of the Alma Kirkland Revocable Trust	
		Sherry Lemons, a married woman dealing in her sole and separate property	
		Melissa Kubishke, a married woman dealing in her sole and separate property	
		Pamela Jayne Brewer, as Trustee of the Pamela Jayne Brewer Revocable Trust	
		Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Revocable Trust dated September 2, 1998	
		Louise H. Berg, as Trustee of the Louise H. Berg Revocable Trust	
		Christine A. Kirkland. as Trustee of the Christine A. Kirkland Trust	
		Catherine C. Kirkland, a single woman	
		Morgan Haning	
		Anne W. Haning, a single woman	
		Zachary C. Haning. a married man dealing in his sole and separate property	
		Catherine Haning Coleman	
		Kathleen Farmer, a married woman dealing in her sole and separate property	
		A. E. Hennen, III, a married man dealing in his sole and separate property	
		John K. Hennen, a single man	
		David Michael Hennen, a married man dealing in his sole and separate property	
		Mary Hennen, a single woman	
		Robert Douglas Hennen, a single man	
		Barbara Haning	
		Hugh Kirkland, a married man dealing in his sole and separate property	
		Patrick Lee North, individually and as co-executor of the Edward Lee North Estate	
		Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate	

14	Richard J & Linda Ann Cassone	John Samuel Stewart, a married man acting with his sole and separate property	1-9-18	
14	Curtis L & Diana B Thomas	Samuel William Stewart and Barbara C. Stewart, individually and as husband and wife	1-9-18.1 1-9-18.3	
14	Zachary R & Jacqueline E Phillips		1-9-18.2	
		Merrion Oil and Gas Corporation		
		Hu's Land & Minerals, LLC		
		EQT Production Company	06/10/	202
		Richard J. Cassone and Linda Ann Cassone, husband and wife		
		Harold Creel and Martha Ann Creel, husband and wife		
		James Creel, a married man dealing in his sole and separate property		

KEYSTONE

47 - 061 - 01899

STATE COUNTY PERMIT

PAGE 6 OF 8

CTID		LESSOR Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder, a/k/a/,	1010	
15	1-12 TO A SERVICE SERV	Elizabeth Snyder Martineau	1-9-16	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley		
	3			
		James Brant Snyder		
		Sharon White Bartholomew, a/k/a Sharon R. W. Bartholomew, a/k/a, Sharon Ruth White Bartholomew		
		David T. White and Sarah K. White, h/w		
		Glenn L. White, individually and as trustee of Glenn L. White		
		Trust		
		Alice T. Boone		
		Eldon Bryant Tucker and Brenda Sue Tucker		
		Charles Tucker and Barbara Arpino-Tucker		
		Robert Earl Tucker and Patricia Ruth Tucker		
		David Tucker		
		James Tucker and Flora Siu Tucker		
		Cheryl Molesky		
		Laurence D. Hare		
		James F. Hare III and Christine A. Hare Deborah Horton, Trustee and Beneficiary of the Ronald L.		
		Horton Revocable Living Trust		
		THE TOTAL REVOCANTS LIVING THUSE		
		XTO Energy, Inc.		
16	CONSOL Mining Company LLC	Bounty Mineral, LLC	1-9-19	
17	Glenn L White Trust & Phyliss Jean White Trust	Marian Rebecca Stone Garrett	1-9-9	
	7,000		1-9-9.2	
17	Blaine Huff	Patricia Kathleen White Hoekstra	1-9-9.1	
		David C. White a/k/a David Charles White and Regina S. White	1-9-9.4	
17	Michael Todd Stiles & Charles W Stiles	a/k/a Regina Sue White	1-9-9.5	
17	CNX CPC LLC	Carol Sue Davis	1-9-9.6	
	UNIT O LEG	Richard H. Benson, II		
		Edwin Ray White, II		
		Anita Susan Talbott		
		Robert L. Tate, Jr.		
		Robert S. Elliott		
		Donald Edward Stone		
		Doris Jean White		
		David Ray Stone		
		Bettyann Reed Mary Ann Borkowski and Marc Borkowski		
		Jan W. Ellison and Thomas A. Ellison		
		Jane W. McIntyre and Glenn C. McIntyre		
		Lucy Mae Stickley		
		Nancy Emerick		
		Marsha W. Byers and Stephen R. Byers		
		Edith B. White (Daniel Reed White Heirs)		
		Alvy Scott White		
		Karen Imogene Meyer Candace L. McPheron		
		Howard L. Leckey		
		Dennis F. Hatton, Ir.		
		Melinda Reid Hatton		
		Three Rivers Royalty II, LLC		
		Frederick C. Tate		
-		Amanda Hatton		
18	CNX RCPC LLC	Terra Firma Company	1-9-15.3	
21	Michael Todd Stiles, ET AL	Michael Todd Stiles, a single man	1-9-15	
		Charles W. Stiles, a single man	06/	10/20
		Ralph Benjamin Henderson, a/k/a Benjamin Henderson, single	00/	10/20
		David W. Henderson		
		Mary K. Martindale, a/k/a Mary Kay Martindale, widow Nancy Edward Henderson, a/k/a Nancy Henderson, single		
		Jeanne E, Bryner, a/k/a E. Jeanne Bryner		
	All .	API WELL	NO	
				1000
T/	EVCTONE	470	61 - (11849

PAGE 7 OF 8

	Michael Todd & Charles W Stiles	Marian Rebecca Stone Garrett	1-9-10	
		Patricia Kathleen White Hoekstra		
		David C. White a/k/a David Charles White and Regina S. White		
		a/k/a Regina Sue White		
		Carol Sue Davis	1	
		Richard H. Benson, II		
		Edwin Ray White, II		
		Anita Susan Talbott	100	
		Robert L. Tate, Jr.		
		Robert S. Elliott		
		Donald Edward Stone		
		Doris Jean White		
		David Ray Stone		
		Bettyann Reed		
		Mary Ann Borkowski and Marc Borkowski		
		Jan W. Ellison and Thomas A. Ellison		
		Jane W. McIntyre and Glenn C. McIntyre		
		Lucy Mae Stickley Nancy Emerick		
		Marsha W. Byers and Stephen R. Byers		
		Edith B. White (Daniel Reed White Heirs)		
		Alvy Scott White		
		Karen Imogene Meyer		
		Candace L. McPheron		
		Howard L. Leckey		
		Melinda Reid Hatton		
		Three Rivers Royalty II, LLC		
		Frederick C. Tate		
		Dennis F. Hatton, Jr.		
		Amanda Hatton		
23 V	White Family Reunion & Cemetery Association		1-9-9.3	
		Patricia Kathleen White Hoekstra David C. White a/k/a David Charles White and Regina S. White		
		a/k/a Regina Sue White Carol Sue Davis		
		Richard H. Benson, II		
		Edwin Ray White, II		
		Anita Susan Talbott		
		Robert L. Tate, Jr.		
		Robert S. Elliott		
		Donald Edward Stone		
		Doris Jean White		
		David Ray Stone	8	
		Bettyann Reed		
		Mary Ann Borkowski and Marc Borkowski		
		Jan W. Ellison and Thomas A. Ellison		
		Jane W. McIntyre and Glenn C. McIntyre		
		Lucy Mae Stickley		
		Nancy Emerick		
		Marsha W. Byers and Stephen R. Byers		
		Edith B. White (Daniel Reed White Heirs)		
		Alvy Scott White		
		Karen Imogene Meyer		
		Candace L. McPheron		
		Howard L. Leckey		
		Melinda Reid Hatton		
		Three Rivers Royalty II, LLC		
		Frederick C. Tate		
		Dennis F. Hatton, Jr. Amanda Hatton		
			1-9-11	
25	Gualverto C Gorostieta & Jennifer L Hall	Ralph Benjamin Henderson, a/k/a Benjamin Henderson	1-9-12 1-9-13	
	Sharon White Bartholomew	Nancy Edwards Henderson, a/k/a Nancy Henderson	1-9-14	06/10/202
25		Jeanne E. Bryner, a/k/a Jeanne Bryner		00/10/202
25		Mary K. Martindale, a/k/a Mary Kay Martindale		
25		David W. Henderson		
25		Gary A. Stiles, a/k/a Gary Allen Stiles, by Bertha J. Stiles, as AIF		
25		Gary A. Stiles, a/k/a Gary Allen Stiles, by Bertha J. Stiles, as AIF	API WELL NO	
25		Gary A. Stiles, a/k/a Gary Allen Stiles, by Bertha J. Stiles, as AIF	API WELL NO	- (\1899

PAGE 8 OF 8

TRACTID	SURFACE OWNER	LESSOR	PIN
26	Gram P Herod & Lisa R Lambert	James L. Laurita, Sr. Family Limited Partnership, a West Virginia Limited Partnership by JTT. LLC it's General Partner	
		Shuman, Inc.	
27B	Kevin Hartley, ET UX., ET AL	Kevin Hartley and Linda Hartley, h/w	1-2-9
29	Paul David & Hope A Beck	Bounty Minerals, LLC	1-2-8
		Chrysanthe E. Taylor a/k/a Chris Taylor, a widowed woman, by Bradley K. Taylor, as Attorney-in-Fact	
		Linda Suzann Miller, as Trustee for the Generation-Skipping Trust FBO Linda Suzann Miller under the Last Will and Testament of Pauline M. Taylor dated August 24. 2001	
		Larry C. Taylor, as Trustee for the Generation-Skipping Trust FBO Larry C. Taylor under the Last Will and Testament of Pauline M. Taylor dated August 24. 2001	
		Dixie Taylor Sturm	
32	Gram P Herod & Lisa R Lambert	James L. Laurita Sr. Family Limited Partnership by JTT, LLC, it's General Partner	1-2-11
		Shuman, Inc.	
33	CONSOL Mining Company LLC	Flossie Kimble, widow of S. E. Kimble, Denzle Kimble and Olive Irene Wright Kimble, h/w	1-2-12
		Consolidation Coal Company	
34	CONSOL Mining Company LLC	Flossie Kimble, widow of S. E. Kimble, Denzle Kimble and Olive Irene Wright Kimble, h/w	1-2-5
		Consolidation Coal Company	
		Aliakbar Afshari	
		Amir H. Mohammadi	
		EQT Production Company	

06/10/2022



API WELL NO

47 - 061
STATE COUNTY PERMIT

WW-6A1 (5/13)

Operator's Well No.	WDTN19AHSM	
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INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached

RECEIVED
Office of Oil and Gas

APR 2 6 2022

WV Department of Environmental Protection

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- · WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- · U.S. Army Corps of Engineers
- · U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:

By:

Its:

CNX Gas Company LLC

Page 1 of

4706101899

		Attachment - Form	WW-6A-1 for WDTN19AHSM			
Tract ID.	Tex Map &	Title Cointon	Grantor, Lessor, etc	Granteo, Lessee, etc	Royalty	Book/Page
	Percel	QLS# 205228000	Hugh Kirkland	CNX Gas Company, LLC	Fee	1611/49
1	1-8-9	205228000	Jack T. Livengood and Mary Jo Livengood	CNX Gas Company, LLC	Fea	1611/52 1622/101
			Barbara Haning	CNX Gas Company, LLC	Fee Fee	1629/420
			Diane H. Gonclaves, individually and co-executor of the Edward Lee North Estate	CNX Gas Company, LLC		
			Patrick Lee North	CNX Gas Company, U.C	Fee	1629/411
				CNX Gas Company, LLC	Not less than 1/8	1613/383
			Melissa Kubishke Catherine C. Kirkland	CNX Gas Company, LLC	Not less than 1/8	1613/424
			Louise H. Berg, as Trustee o the The Louise H. Berg Revocable Trust	CNX Gas Company, LLC	Not less than 1/8	1613/419 1613/388
			Sherry Lemons	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1613/429
			Christine A. Kirkland, as Trustee of the Christine A. Kirkland Trust Pamela Jayne Brewer, as Trustee of the Pamela Jayne Brewer Revocable Trust	CNX Gas Company, LLC	Not less than 1/8	1614/660
			Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Revocable Trust dated 9/2/1998	CNX Gas Company, LLC	Not less than 1/8	1614/654
			Catherine Haning Coleman, f/k/a Catherine G. Haning	CNX Gas Company, U.C	Not less than 1/8 Not less than 1/8	1622/173 1622/209
			Zachary C. Haning Mary Hennen	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1620/155
			A. E. Hennen, III	CNX Gas Company, LLC	Not less than 1/8	1620/166
			Morgan Haning	CNX Gas Company, U.C	Not less than 1/8 Not less than 1/8	1622/168 1621/340
			Serah C. Sheridan	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1620/160
	 		Kathleen Farmer Anne W. Haning	CNX Ges Company, LLC	Not less than 1/8	1620/171
			David Michael Hennen	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1620/176 1621/324
			John K. Hennen	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1622/183
			Robert Douglas Hennen Elizabeth L. March	CNX Ges Company, LLC CNX Ges Company, LLC	Not less than 1/8	1613/434
	 	لمت	Three Rivers Royalty, II, LLC	CNX Gas Company, LLC	Not less than 1/8	1616/658
			Debora Rae Manning, a/k/a Deborah R. Manning, a/k/a Debora R. Manning and Robert Manning, w/h	CNX Ges Company, LLC	Not less than 1/8 Not less than 1/8	1627/648
			Kathryn Rew Becker and Michael Compton, w/h BOKF, N.A. as Sole Trustee of the Alma Kirkland Revocable Trust	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1631/94
					Not been then 1/0	1630/159
			Gall T. Bellucci	Northeast Natural Energy, LLC CNX Gas Company, LLC	Not less than 1/8 Assignment	AB 154/99
	├		Northeast Natural Energy, LLC	CHA das Company, LCC		
Trect ID	Tax Map & Parcel	Title Opinion	Grantor, Lessor, etc	Granteo, Losseo, etc	Royalty	Book/Page
4	1-8-10	189649000	Mary Jane Beckner, Life Estate, widow and Troy David Beckner and Janet Lee Smith, Remaindermen, JTROS	Antero Resources Corporation	Not less than 1/8	1617/342 AB 139/186
			Antero Resources Corporation	CNX Gas Company, LLC	Assignment	A0 139 100
Tract ID	Tex Map & Parcel	Title Opinion OLS #	Grantor, Lossor, etc	Grantee, Lessee, etc		ECEIVED
6	1-9-43	189029000	Elizabeth A. Cosmides f/k/a Elizabeth A. Peppler	CNX Gas Company, LLC	THE OTHER	
			Mary Jane Beckner, Life Estate, a widow; Troy David Beckner and Janet Lee Smith, Remainderman as Joint Tenants, both married persons dealing in their sole and separate properties	Antero Resources Corporation	Not less than 1/8	2 6 2022
				CNX Gas Company, LLC		
Trect ID			Antero Resources Corporation	CRA Gas Company, LLC	Assignment 14/1/ C	AB 139/816
			Antero Resources Corporation Grantor, Lessor, etc	Grantae, Lessee, etc		epartment of
7	Tax Map & Percel 1-9-42	Title Opinion QLS # 239939000	Grantor, Lessor, etc Rose Thomas, ake Rose L. Thomas	Granteg, Lesses, etc	WVD	epartment of
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7	Percel	QLS.#	Granter, Lessor, etc Rose Thomas, aka Rose L. Thomas Sarah C. Sheridan, a married woman dealing in her sole and separate property Gall T. Bellucci, a married woman dealing in her sole and separate property Hugh Kirkland BOKF, NA, as Sole Trustee of the Alma Kirkland Revocable Trust Sherry Lemons Melissa Kubishke Pamela Jayne Brewer, as Trustee of the Pemela Jayne Brewer Revocable Trust Trust Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Revocable Trust dated September 2, 1998 Louise H. Berg, Trustee of the Louise H. Berg Revocable Trust Christine A. Kirkland, as Trustee of the Christine A. Kirkland Trust	Granteg, Lessee, etc CNX Gas Company LLC	Not less than 1/8	9partment of Rook/Page entai Poligotia 1604/621 1639/527 1653/686 1534/541 1637/103 1535/136 1606/623 1622/188
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7	Percel	QLS.#	Granter, Lessor, etc Rose Thomas, aka Rose L. Thomas Sarab. C. Sheridan, a married woman dealing in her sole and separate property Gall T. Bellucd, a married woman dealing in her sole and separate property Gall T. Bellucd, a married woman dealing in her sole and separate property Hugh Kirkland BOKF, NA, as Sole Trustee of the Alma Kirkland Revocable Trust Sherry Lemons Melissa Kukishke Pamela Jayne Brewer, as Trustee of the Pemela Jayne Brewer Revocable Trust Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Revocable Trust dated September 2, 1998 Louise H. Berg, Trustee of the Louise H. Berg Revocable Trust Catherine Kirkland, a Trustee of the Christina A. Kirkland Trust Catherine Kirkland. Brustee of the Christina A. Kirkland Trust Catherine Kirkland. Brustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Revocable Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Revocable Trust Catherine Kirkland. Strustee of the Christina A. Kirkland Revocable Trust Catherine Catherine Catherine A. Kirkland. Strustee Cathe	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Environm Not less than 1/8 N	9parlment of ental Production of the control of the
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		Glynis Marion, IfIL/a Glynis Lane Larry J. Miller, Ir. Pepe Patrick Jack Miller, fixa Pat Miller and Kelty Anne Miller, hushand and wife Kris Laws Miller and Robin McClary, her wife Raymond Wayne Frye, divorced Raymond Wayne Frye, divorced Jean Banks, a widow Lean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, Ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Mitchel Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CRIX Gas Company ILC	Not less than 1/8	1537/718 1622/289 1530/507 1631/74 1623/273 1636/748 1622/345 1622/345 1622/340 1622/340 1622/340 1622/340
		Glynis Marion, IfIL/a Glynis Lane Larry J. Miller, Ir. Pepe Patrick Jack Miller, fixa Pat Miller and Kelty Anne Miller, hushand and wife Kris Laws Miller and Robin McClary, her wife Raymond Wayne Frye, divorced Raymond Wayne Frye, divorced Jean Banks, a widow Lean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, Ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Mitchel Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CRIX Gas Company LLC	Not less than 1/8	1538/507 1631/74 1622/273 1626/748 1622/345 1622/350 1625/402 1622/194
		Pepe Petrick Jack Miller, fike Pat Miller and Kelly Anne Miller, husband and wife Kris Laws Miller and Robin McClary, her wife Raymond Wayne Frye, divorced Rossife J. Capshew, widowed Jean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CNX Gas Company LLC	Not less than 1/8	1631/74 1622/273 1626/748 1622/345 1622/345 1622/3402 1622/194
		and wife Kris Laws Miller and Robin McClary, her wife Raymond Wayne Frye, divorced Raymond Wayne Frye, divorced Rossile J. Capshaw, widowed Jean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, Ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Mitchael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Hanlen	CNIX Gas Company LLC	Not less than 1/8	1623/273 1626/748 1622/345 1622/350 1625/402 1622/194
		Kris Lews Miller and Robin McClary, her wife Raymond Wayne Frye, divorced Raymond Wayne Frye, divorced Rasalie J. Capshaw, widowed Jean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, Ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Milchei Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CNX Gas Company LLC	Not less than 1/8	1626/748 1622/345 1622/350 1625/402 1622/194 1622/699
		Rossile J. Capshaw, widowed Jean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, Ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CNX Gas Company LLC	Not less than 1/8	1622/345 1622/350 1625/402 1622/194
		Jean Banks, a widow Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, III, a married man dealing in his sole and separate property John K. Hennen, a single man David Mitchael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Hanlen Morgan Hanlen	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8	1622/350 1625/402 1622/194 1622/699
		Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, Ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1622/194 1622/699
		A. E. Hennen, III, a married man dealing in his sole and separate property John K. Hennen, a single man David Mitchael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CNIX Gas Company LLC CNIX Gas Company LLC CNIX Gas Company LLC	Not less than 1/8	1622/699
		David Michael Hennen, a married man dealing in his sole and separata property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Hanling	CNX Gas Company LLC CNX Gas Company LLC		
		property Mary Hennen, a single woman Robert Douglas Hennen, a single man Morgan Haning	CNX Gas Company LLC		1622/204
		Robert Douglas Hennen, a single man Morgan Haning		Not less than 1/8	1622/199
		Morgan Haning	CNX Gas Company LLC	Not less than 1/8	1623/263
			CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1623/314 1626/728
		Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1633/514
		Catherine Haning Coleman	CNX Ges Company LLC	Not less than 1/8	1623/349
		Carlos Seucedo	CNX Gas Company LLC	Cotenancy	147/511 147/511
		Ezra Charles McDaniel Patrick James Saucedo	CNX Gas Company LLC CNX Gas Company LLC	Cotenancy	147/511
+					
		Barbara Haning	CNX Ges Company LLC	Fee	1622/314 1629/411
		Estate			1629/420
		North Estate			1629/420
		Jerry R. Haines, II, a married man, dealing with his sole and separate	CNX Gas Company LLC CNX Gas Company LLC	Fee Fee	1638/820
		Tonya Huntoon, a married woman, dealing in her sole and separate	CRX Gas Company LLC	Fee	1638/824
A Mep &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
<u>Parcel</u> 1-9-40	QI.S.# 239939000	George Stutver, himself and as Guardian of J. M. Shriver	J. P. Hagan	Not less than 1/8	118/190
		Dennis Haines, F.E. Liming and Ethel Liming, his wife	The Philadelphia Company of West Virginia	Extension of Lease	118/192
		Dennis Haines, F.E. Liming and Ethel Liming, his wife	The Philadelphia Company of West Virginia	Extension of Lease	130/274
					130/275 226/207
1		The Philadelphia Company of West Virginia	Pritibulgh and West Virginia Gas Company	Assement	226/244
		Pittsburgh and West Virginia Gas Company	Equitable Gas Company	Assignment	473/477 474/247
		Equitable Gas Company	Equitrans, Inc	Assignment	AB 26/633
		Equitrans, inc	Equitrans, LP.	Assignment	AB 121/316
				Assignment	CENED.
-			CNX Gas Company, LLC	Assignment Office	of OileNe Cas
x Mep &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Rovalty	Book/Page
Percel .		Page Thomas also Page I. Thomas	Chy See Company II C		2 6, 2022
	233333000	Sarah C. Sheridan, a married woman dealing in her sole and separate	CNX Ges Company LLC	Not less than 1/8	1639/527
-		property Gall T. Bellucci, a married woman dealing in her sole and separate property	CNX Gas Company LLC	Not less than 1/8 WV D	Partmeneof
		BOWE NA se Sala Tourtee of the Alms Kirkland Downship Tourt	CNV Cox Company LLC	Not less than 1/8	ental Protection
		Sherry Lemons, a married woman dealing in her sole and separate	CNX Gas Company LLC	Not less than 1/8	1627/700
		Melissa Kubishke, a married woman dealing in her sole and separate	CNX Gas Company LLC	Not less than 1/8	1626/738
		Pamela Jayne Brower, as Trustee of the Pamela Jayne Brower Revocable Trust	CNX Gas Company LLC	Not less than 1/8	1626/743
		Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Revocable Trust dated September 2, 1998	CNX Gas Company LLC	Not less than 1/8	1622/188
		Louise H. Berg, as Trustee of the Louise H. Berg Revocable Trust	CNX Ges Company LLC	Not less than 1/8	1625/430
		Christine A. Kirkland. as Trustee of the Christine A. Kirkland Trust Catherine C. Kirkland, a single woman	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1625/425 1627/705
		Morgan Haning	CNX Gas Company LLC	Not less than 1/8	1623/314
			CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8	1623/314 1626/728 1633/514
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman	CRIX Gas Company LLC CRIX Gas Company LLC CRIX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8	1626/728 1633/514 1623/349
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate property	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8	1626/728 1633/514 1623/349 1625/402
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate	CRIX Gas Company LLC CRIX Gas Company LLC CRIX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8	1626/728 1633/514 1623/349
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, III, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property	CNX Gas Company LLC	Not less than 1/8	1626/728 1633/514 1623/349 1625/402 1622/194 1622/194
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Fermer, a married woman dealing in her sole and separate property A. E. Hennen, ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Mennen, a married man dealing in his sole and separate property Many Hennen, a single man	CNIX Gas Company LLC	Not less than 1/8	1626/728 1633/514 1623/349 1625/402 1622/194 1622/204 1622/204
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, III, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property	CNX Gas Company LLC	Not less than 1/8	1626/728 1633/514 1625/349 1625/402 1622/194 1622/699 1622/204
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property Many Hennen, a single woman Robert Douglas Hennen, a single man Barbara Haning	CNX Gas Company LLC	Not less than 1/8	1626/728 1633/514 1623/349 1625/402 1622/194 1622/204 1622/204
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, III, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property Mary Hennen, a single woman Robert Douglas Hennen, a single man Barbara Haning Hugh Kirkland, a married man dealing in his sole and separate property Hugh Kirkland, a married man dealing in his sole and separate property	CNX Gas Company LLC	Not less than 1/8 Fee Fee	1626/728 1633/514 1623/349 1625/402 1622/194 1622/199 1622/204 1622/206 1622/206 1622/206 1622/204
		Morgan Haning Anne W. Haning, a single woman Zachary C. Haning, a married man dealing in his sole and separate property Catherine Haning Coleman Kathleen Farmer, a married woman dealing in her sole and separate property A. E. Hennen, ill, a married man dealing in his sole and separate property John K. Hennen, a single man David Michael Hennen, a married man dealing in his sole and separate property Many Hennen, a single woman Robert Douglas Hennen, a single man Barbara Haning	CNIX Gas Company LLC	Not less than 1/8 Fee	1626/728 1633/514 1623/349 1625/402 1622/194 1622/199 1622/204 1622/204 1622/199 1623/263
P	Map &	Map & Ittle Opinion Proci Q15 # 9-40 239939000 Map & Ittle Opinion Reci Q5 #	Patrick Lee North, Individually and as co-executor of the Edward Lee North Etate Diane H. Goncalves, Individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Jerry White and Edward White, her husband Dennis Haines, F.E. Liming and Ethel Liming, his wife Dennis Haines, F.E. Liming and Ethel Liming, his wife Dennis Haines, F.E. Liming and Ethel Liming, his wife The Philadelphia Company of West Virginia Pittsburgh and West Virginia Ges Company Equitable Gas Company Equitable Gas Company Equitans, Inc Equitans, I.P. Tri-County Oil & Gas, Inc, Leatherwood, Inc. Mep & Title Opinion GLS R Rose Thomas, aka Rose L. Thomas Sarah C. Sheridan, a married woman dealing in her sole and separate property Gail T. Bellucci, a married woman dealing in her sole and separate property Melissa Kubishke, a married woman dealing in her sole and separate property Pemeba Jayne Brower, as Trustee of the Pamela Jayne Brower Revocable Trust Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family	Patrick Lee North, Individually and as co-executor of the Edward Lee North Estate Diane H. Gencalves, individually and as co-executor of the Edward Lee North Estate Shawn R. Haines, single Aerry R. Nahnas, II, a married man, dealing with his sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Tonya Huntoon, a married woman, dealing in her sole and separate property Map & Title Opinion Stantor, Lessor, etc Grantee, Lessos, etc Stantee, Lessos, etc Stantee, Lessos, etc Stantee, Lessos, etc Grantee, Lessos, etc Stantee, Lessos, etc CNX Gas Company LLC Stantee, Lessos, etc Stantee, Lessos, etc CNX Gas Company LLC CNX Gas Company LLC Stantee, Lessos, etc CNX Gas Company LLC Stantee, Lessos, etc CNX Gas Company LLC Sherry Lemons, a married woman dealing in her sole and separate property Melissa Kubinke, a married woman dealing in her sole and separate property Melissa Kubinke, a married woman dealing in her sole and separate property Melissa Kubinke, a married woman dealing in her sole and separate property Melissa Kubinke, a married woman dealing in her sole and separate property Melissa Kubinke, a married woman dealing in her sole and separate property Melissa Kubinkee, a married woman dealing in her sole and separate property Melissa Kubinkee, a	Petrick Lee North, Individually and as co-executor of the Edward Lee Diana N. Gonzahves, Individually and as co-executor of the Edward Lee Diana N. Gonzahves, Individually and as co-executor of the Edward Lee North State State M. Latiens, single Jarry R. Haltnes, I., a married man, dealing with his sole and separate property Tomys fruntoon, a married woman, dealing in her sole and separate property Tomys fruntoon, a married woman, dealing in her sole and separate property Meso B. Title Opinion GESENDOY, Lessor, eth GESENDOY, Lessor, et

Tract ID	Tax Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	Parcel	QLS#	and a second	CNX Gas Company LLC	Not less than 1/8	1598/227
14	1-9-18 1-9-18.1	188566000	John Samuel Stewart, a married man acting with his sole and separate property	CMA Gas Company LLC	1001000 2000 240	
	1-9-18.2 1-9-18.3				Not less than 1/8	1587/336
			Samuel William Stewart and Barbara C. Stewart, Individually and as husband and wife	CNX Gas Company LLC	HOLIES GIEN ST	
				EQT Production Company	Not less than 1/8	1516/268
		<u>.</u>	Merrion Oil and Gas Corporation Hufs Land & Minerals, LLC	EQT Production Company	Not less than 1/8	1516/270
			EQT Production Company	CNX Gas Company LLC	Assignment	AB 153/774
				CNX Ges Company LLC	Fee	1625/414
			Richard J. Cassone and Linda Ann Cassone, husband and wife Harold Creel and Martha Ann Creel, husband and wife	CNX Gas Company LLC	Fee	1622/310
			James Creel, a married man dealing in his sole and separate property	CNX Gas Company LLC	Fee	1622/307
act ID	Tax Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royelty	Book/Page
15	Parcel 1-9-16	QIS# 188598000	Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder, a/k/a/, Elizabeth	CNX Gas Company LLC	Not less than 1/8	1521/781
			Snyder Martineau Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company LLC	Not less than 1/8	1522/563
			James Brant Snyder	CNX Gas Company LLC	Not less than 1/8	1523/111 1529/268
			Sharon White Bartholomew, a/k/a Sharon R. W. Bartholomew, a/k/a,	CNX Gas Company LLC	Not less than 1/8	1323/206
			Sharon Ruth White Bartholomew David T. White and Sarah K. White, h/w	CNX Gas Company LLC	Not less than 1/8	1543/430
	-		Glenn L. White, individually and as trustee of Glenn L. White Trust	CNX Gas Company LLC	Not less than 1/8	1516/48
			Alice T. Boone	CNX Gas Company LLC	Not less than 1/8	1599/731
			Eldon Bryant Tucker and Brenda Sue Tucker	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1599/719 1599/690
		 	Charles Tucker and Barbara Arpino-Tucker Robert Earl Tucker and Patricia Ruth Tucker	CNX Gas Company LLC	Not less than 1/8	1602/817
	-		David Tucker	CNX Ges Company LLC	Not less than 1/8	1599/714
			James Tucker and Flora Siu Tucker	CNX Gas Company LLC	Not less than 1/8	1599/725
			Cheryl Molesky	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1599/709 1599/704
			Laurence D. Hare James F. Hare III and Christine A. Hare	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1599/699
			Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton	CNX Gas Company LLC	Not less than 1/8	1612/572
			Revocable Living Trust XTO Energy, Inc.	CNX Gas Company LLC	Fee	1629/449
		Water Coloine		Grantee, Lessee, etc	Royalty	Book/Page
ect ID	Percel	<u>Title Opinion</u> QLS.# 188567000	Grantor, Lessor, etc Bounty Mineral, LLC	CNX Gas Company LLC	Not less than 1/8	1644/316
16	1-9-19		Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
act ID	Percel 1-9-9	QLS # 188565000	Marian Rebecca Stone Gerrett	CNX Gas Company LLC	Not less than 1/8	1527/235
	1-9-9.1 1-9-9.2			1		
	1-9-9.4 1-9-9.5 1-9-9.6					
	1-9-9.5		Patricia Kathleen White Hoekstra	CNX Gas Company LLC	Not less than 1/8	1527/239 1514/135
	1-9-9.5		David C. White a/k/a David Charles White and Regina S. White a/k/a	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1527/239 1614/136
	1-9-9.5			CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1614/136 1517/242
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II	CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8	1614/136 1517/242 1520/494
	1-9-9.5		David C. White a/k/a David Charles White and Regins S. White a/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II	CRIX Gas Company LLC CRIX Gas Company LLC CRIX Gas Company LLC CRIX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8	1614/136 1517/242 1520/494 1520/502
-	1-9-9.5		David C. White a/k/a David Charles White and Regins S. White a/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Telbott	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/3	1614/136 1517/242 1520/494
	1-9-9.5		David C. White a/k/a David Charles White and Regins S. White a/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II	CRIX Gas Company LLC CRIX Gas Company LLC CRIX Gas Company LLC CRIX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8	1517/242 1520/494 1520/502 1521/773 1526/591 1529/679
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr.	CNX Gas Company LLC	Not less than 1/8	1514/136 1517/242 1520/494 1520/502 1521/773 1526/591 1529/679 REGGE/AGED
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tata, Jr. Robert S. Elilott Donald Edward Stone Donsid Edward Stone Donsid an White	CRX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC CRX Gas Company LLC	Not less than 1/8	1514/136 1517/242 1520/494 1520/502 1521/773 1526/591 1529/679 REGENATED
	1-9-9.5		David C. White a/k/a David Charles White and Regins S. White a/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Dords Jean White David Ray Stone	CRIX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1530/494 1530/502 1521/773 1526/591 1539/679 REGISS/329 CO of 1508/6190 (
	1-9-9.5		David C. White e/k/e David Charles White and Regins S. White e/k/e Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L Tate, Ir. Robert S. Elliott Donald Edward Stone Doris Jean White Dovid Ray Stone Bettyann Reed	CRX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1514/136 1517/242 1520/494 1520/502 1521/773 1526/591 1529/579 REGIONALISED CO OF 505/7329 1512/556
	1-9-9.5		David C. White a/k/a David Charles White and Regins S. White a/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Dords Jean White David Ray Stone	CRIX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1530/494 1530/502 1530/502 1531/773 15326/591 1539/679 REGES/45ED 1614/705 1614/705
	1-9-9.5		David C. White e/k/e David Charles White and Regins S. White e/k/e Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Ir. Robert S. Elliott Donald Edward Stone Doris Jean White Donald Roward Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. Michtyre and Glenn C. McIntyre	CNX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/502 1521/773 1526/591 1529/579 REGMS/MS/FD CO-01506/65/9101 1611/556 DD 01514/703
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donald Savard Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. Michyre and Glenn C. Michtyre Lucy Mae Stickley	CRX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1514/125 1517/242 1520/494 1520/494 1520/502 1521/773 1525/591 1529/679 CO OF 1505/679 CO OF 1505/679
	1-9-9.5		David C. White a/k/a David Charles White and Regins S. White a/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Talbott Robert L. Tate, Ir. Robert S. Elliott Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Elitson and Thomas A. Ellison Jane W. Michtyre and Glenn C. McIntyre Lucy Mae Stickley Nancy Employee	CRIX Gas Company LLC CNIX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1529/679 REGUESS/45ED 1508/66ED 1508/66ED 1514/705 1514/705 1514/705 1514/705 1514/705
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donald Savard Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. Michyre and Glenn C. Michtyre Lucy Mae Stickley	CRX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1514/125 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1529/679 CO Of 1505/619 CO Of 1505/619
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. Michyre and Glenn C. Michtyre Lucy Mae Sidckley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White [Daniel Reed White Heirs] Alwy Soott White	CRIX Gas Company LLC CNIX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/502 1521/773 1526/591 1529/679 RECUENTED 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753 1514/753
	1-9-9.5		David C. White e/k/e David Charles White and Regins S. White e/k/e Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Dons Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Elitson and Thomas A. Ellison Jane W. Mchnyre and Glenn C. Mchntyre Lucy Mae Sickley Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer	CRIX Gas Company LLC CNIX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Elitson and Thomas A. Ellison Lane W. Mchryre and Glenn C. McIntyre Lucy Mae Siddkey Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron	CRX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/592 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Telbott Robert L. Tate, Jr. Robert S. Elilott Donsid Edward Stone Dors Jean White David Ray Stone Bettyann Red Mary Ann Borkowski and Marc Borkowski Jan W. Elison and Thomas A. Ellison Jane W. Mcintyre and Glenn C. Mcintyre Lucy Mae Skickley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Red White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey	CNX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/502 1521/773 1526/591 1529/699 REGISS/455 1529/699 REGISS/455 1514/703 1514/703 1514/703 1514/703 1514/703 1512/777 1512/777 1512/788
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/e Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donald Edward Stone Donald Roward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. McIntyre and Glenn C. McIntyre Lucy Mae Stickley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heins) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinds Reid Hatton	CNX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1529/679 REGERS/MED CO- OF 1505/329 1505/679 1514/705 1514/705 1529/673 1529/673 1529/673 1529/673 1529/673 1529/673 1754/3818 1731/818 1731/818
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elilott Donald Edward Stone Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Many Ann Borkowski and Marc Borkowski Jan W. Elikon and Thomas A. Elilson Jane W. Michipre and Glenn C. Michipre Lucy Mae Säckley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr.	CRIX Gas Company LLC CNIX GAS	Not less than 1/8	1614/136 1517/242 1520/494 1520/502 1521/773 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/703 1526/703 1526/703 1526/703 1526/703 1526/703 1526/703 17
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elilott Donald Edward Stone Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Bortowski and Marc Borkowski Jan W. Elikon and Thomas A. Elilson Jane W. Michirye and Glenn C. McIntyre Lucy Mae Siddley Rancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candaco L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinda Reid Hatton Three Rivers Royalty R, LLC	CRIX Gas Company LLC CNIX Gas Company LLC	Not less than 1/8	1514/136 1517/242 1520/494 1520/502 1521/773 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1736/591 1736/591 1736/591 1736/591 1736/591 1736/591 1736/591
	1-9-9.5		David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elilott Donsid Edward Stone Dorst Jean White David Ray Stone Bettyann Read Mary Ann Borkowski and Marc Borkowski Jan W. Elilson and Thomas A. Elilson Jane W. Mcintyre and Glenn C. McIntyre Lucy Mae Skickley Manny Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McCheron Howard L. Leckey Dennis F. Matton, Jr. Melinda Reid Hatton Three Rivers Royalty R, LLC Frederick C. Tate	CNX Gas Company LLC	Not less than 1/8	1514/135 1517/242 1520/494 1520/494 1520/502 1521/773 1525/591 1529/679 REGENERAL STORY S
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	1995 1996	QLS#	David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elilott Donald Edward Stone Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Elitson and Thomas A. Elilson Jane W. Michyre and Glenn C. McIntyre Lucy Mae Sickley Rancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Keren Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinds Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc	CNX Gas Company LLC CNX Gas Company LC CNX Gas Compa	Not less than 1/8	1614/136 1517/242 1520/494 1520/502 1521/773 1526/591 1526/597 REGES/487 1526/599 REGES/487 1526/599 1614/703 1526/599 1614/703 1529/673 1529/673 1529/673 1520/678 1731/618 1731/618 1731/618 1731/618 1731/618 1734/260 1756/530 1615/700 147/509
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18	1-9-5 1-9-6	QLS # 205004000 Title Opinion	David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elilott Donald Edward Stone Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Elitson and Thomas A. Elilson Jane W. Michyre and Glenn C. McIntyre Lucy Mae Sickley Rancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Keren Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinds Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc	CNX Gas Company LLC CNX Gas Company LC CNX Gas Compa	Not less than 1/8	1614/136 1517/242 1520/494 1520/502 1521/773 1526/591 1526/591 1526/592 1526/592 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1526/593 1731/593 1731/513 1734/503 17354/503 17354/503 17354/503
18 ect ID	1-9-5 1-9-6	QLS.# 205004000	David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elilott Donald Edward Stone Donald Edward Stone Donald Roward Stone Bettyann Reed Mary Ann Bortowski and Marc Borkowski Jan W. Elitson and Thomas A. Elilson Jane W. Michiye and Glenn C. McIntyre Lucy Mae Stickley Rancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Keren Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. McElland Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc Terra Firma Company	CNX Gas Company LLC CNX Gas Company LC CNX Gas Compa	Not less than 1/8 Not less than 1/8	1614/136 1517/242 1520/494 1520/502 1521/773 1526/591 1526/597 REGES/484 D 1612/556 D 616/704 2656/484 D 1612/703 1529/673 1529/673 1529/673 1529/673 1529/673 1529/673 1521/773 1520/498 1731/618 1731/618 1731/618 1731/618 1731/618 1731/618 1731/619 1736/530 1615/700 147/509 Book/Page
18	1-9-0.5 1-9-0.6	QLS # 205004000 Title Opinion QLS #	David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anhts Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donald Edward Stone Donald Roward Stone Bettyann Read Mary Ann Borkowski and Mare Borkowski Jan W. Elitson and Thomas A. Ellison Jane W. Metnyre and Glenn C. McIntyre Lucy Mae Stickley Manny Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Read White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc Michael Todd Stiles, a single man Charles W. Stiles, a single man Charles W. Stiles, a single man	CNX Gas Company LLC CNX Ga	Not less than 1/8 Royalty Fee	1614/136 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/591 1526/753 1526/753 1526/753 1526/753 1526/753 1526/753 1526/753 1731/313 1734/350 1734/377 1736/330 1444/478 Book/Page 1444/478
18	1-9-0.5 1-9-0.6	QLS # 205004000 Title Opinion QLS #	David C. White e/k/e David Charles White and Regins S. White e/k/e Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donsis Edward Stone Donsis Reward Stone Donsis Rem White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. Michiyre and Glenn C. Michityre Lucy Mae Stickley Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alay Soott White Karen Imogene Meyer Candace L. Micheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc Michael Todd Stiles, a single man Rajph Benjamin Henderson, s/k/a Benjamin Henderson, single	CRX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Royality Fee	1614/136 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1529/679 REGASS/651 1529/679 1512/556 D 1614/703 1529/675 D 1614/703 1529/675 D 1614/703 1529/675 D 1614/703 1529/675 1529/675 1529/675 1529/675 1529/675 1520/498 1731/318 1731/318 1731/318 1731/318 1731/319 1734/377 1756/530 1615/700 147/509 Book/Page 1444/478 Book/Page
18	1-9-0.5 1-9-0.6	QLS # 205004000 Title Opinion QLS #	David C. White e/k/a David Charles White and Regins S. White e/k/a Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Talbott Robert L. Tate, Jr. Robert S. Elilott Donald Edward Stone Donald Edward Stone Donald Roward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Bortowski and Marc Borkowski Jan W. Elikon and Thomas A. Elilson Jane W. Morthyre and Glenn C. McIntyre Lucy Mae Stickley Rancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Keren Imogene Meyer Candace L. McPheron Howard L. Leckey Dennis F. Hatton, Jr. McElinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc Michael Todd Stiles, a single man Ralph Benjamin Henderson, a/k/a Benjamin Henderson, single David W. Henderson	CNX Gas Company LLC CNX Gas Company LC CNX Gas Compa	Not less than 1/8	1614/136 1517/242 1520/494 1520/502 1521/773 1526/509 1521/773 1526/509 REGES/ASE De 6156/5/320 1614/703 1529/673 1529/673 1529/673 1529/673 1529/673 1529/673 1529/673 1529/673 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1731/838 1734/250 1756/530 1615/700 144/478 Book/Pere 1444/478
18 ect ID	1-9-0.5 1-9-0.6	QLS # 205004000 Title Opinion QLS #	David C. White e/k/e David Charles White and Regins S. White e/k/e Regins Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anits Susan Telbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Donsis Edward Stone Donsis Reward Stone Donsis Rem White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. Michiyre and Glenn C. Michityre Lucy Mae Stickley Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alay Soott White Karen Imogene Meyer Candace L. Micheron Howard L. Leckey Dennis F. Hatton, Jr. Mellinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Amanda Hatton Grantor, Lessor, etc Michael Todd Stiles, a single man Rajph Benjamin Henderson, s/k/a Benjamin Henderson, single	CRX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Royality Fee	1614/136 1517/242 1520/494 1520/494 1520/502 1521/773 1526/591 1529/679 REGASS/651 1529/679 1512/556 D 1614/703 1529/675 D 1614/703 1529/675 D 1614/703 1529/675 D 1614/703 1529/675 1529/675 1529/675 1529/675 1529/675 1520/498 1731/318 1731/318 1731/318 1731/318 1731/319 1734/377 1756/530 1615/700 147/509 Book/Page 1444/478 Book/Page

4 of 6 06/10/2022

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rect ID	Tex Map 5.	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
22	<u>Parcel</u> 1-9-10	QLS# 188590000	Marian Rebecca Stone Garrett	CNX Ges Company LLC	Not less than 1/8	1527/235
-	1-3-10	28833000	Patricia Kathleen White Hoekstra	CNX Gas Company LLC	Not less than 1/8	1527/239
			David C. White a/k/a David Charles White and Regina S. White a/k/a	CNX Gas Company LLC	Not less than 1/8	1614/136
			Regina Sue White		Not less than 1/8	1517/242
			Cerol Sue Davis	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1520/494
			Richard H. Benson, II	CNX Ges Company LLC	Not less than 1/8	1520/502
			Edwin Ray White, II Anite Susen Telbott	CNX Gas Company LLC	Not less than 1/8	1521/773
			Robert L. Tate, Ir.	CNX Gas Company LLC	Not less than 1/8	1526/591
			Robert S. Elliott	CNX Gas Company LLC	Not less than 1/8	1529/679
			Donald Edward Stone	CNX Gas Company LLC	Not less than 1/8	1605/624
			Doris Jean White	CNX Gas Company LLC	Not less than 1/8	1605/329
			David Ray Stone	CNX Gas Company LLC	Not less than 1/8	1606/619
			Bettyenn Reed	CNX Ges Company LLC	Not less than 1/8	1612/556 1614/704
			Mary Ann Borkowski and Marc Borkowski	CNX Ges Company LLC	Not less than 1/8 Not less than 1/8	1614/645
			Ian W. Ellison and Thomas A. Ellison	CNX Gas Company LLC	Not less than 1/8	1614/708
			Jane W. McIntyre and Glenn C. McIntyre	CNX Gas Company LLC	Not less than 1/8	1529/675
			Lucy Mae Stickley	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1614/145
			Nancy Ernerick	CNX Gas Company LLC	Rot less than 1/8	1731/239
			Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs)	CNX Gas Company LLC	Not less than 1/8	1614/649
			Alvy Scott White	CNX Gas Company LLC	Not less than 1/8	1521/777
-			Karen Imogene Meyer	CNX Ges Company LLC	Not less than 1/8	1520/498
			Candace L. McPheron	CNX Ges Company LLC	Not less than 1/8	1731/818
			Howard L Leckey	CNX Gas Company LLC	Not less than 1/8	1731/813
			Melinda Reid Hatton	CNX Gas Company LLC	Not less than 1/8	1754/377
			Three Rivers Royalty II, LLC	CNX Gas Company LLC	Not less than 1/8	1756/530
						1615/700
			Frederick C. Tate	CNX Ges Company LLC	Fee	1913) 100
				CALLY Con Commonwell C	Cotenancy	147/519
			Dennis F. Hatton, Jr.	CNX Gas Company LLC	Cotenancy	147/519
			Amanda Hatton	CNX Ges Company LLC	- Concession -	-7.,
lact (D	Tax Map &	Title Opinion	Grantor, Lessor, etc	Granteo, Lessee, etc	Royalty	Book/Page
23	<u>Parcel</u> 1-9-9.3	QLS# 188589000	Marian Rebecca Stone Garrett	CNX Ges Company LLC	Not less than 1/8	1527/235
23	1-9-9.3	188389000	Patricia Kathleen White Hoekstra	CNX Gas Company LLC	Not less than 1/8	1527/239
			David C. White a/k/a David Charles White and Regins S. White a/k/a	CNX Gas Company LLC	Not less than 1/8	1614/136
			Regina Sue White			
			Carol Sue Davis	CNX Gas Company LLC	Not less than 1/8	1517/242
			Richard H. Benson, II	CNX Gas Company LLC	Not less than 1/8	1520/494
			Edwin Ray White, II	CNX Gas Company LLC	Not less than 1/8	1520/502
			Anita Susan Talbott	CNX Ges Company LLC	Not less then 1/8	1521/773
			Robert L. Tate, Jr.	CNX Ges Company LLC	Not less than 1/8	1526/591 1529/679
			Robert S. Elliott	CNX Ges Company LLC	Not less than 1/8 Not less than 1/8	1605/624
			Donald Edward Stone	CNX Gas Company LLC	Not less than 1/8	1605/329
			Doris Jean White	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1606/619
			David Ray Stone	CHX Gas Company LLC	Not less than 1/8	1612/556
			Bettyann Reed Mary Ann Borkowski and Marc Borkowski	CNX Ges Company LLC	Not less than 1/8	1614/704
			Jan W. Ellison and Thomas A. Ellison	CNX Gas Company LLC	Not less than 1/8	1614/645
			Jane W. Mcintyre and Glenn C. Mcintyre	CNX Gas Company LLC	Not less than 1/8	1614/708
			Lucy Mae Stickley	CNX Gas Company LLC	Not less than 1/8	1529/675
			Nancy Emerick	CNX Gas Company LLC	Not less than 1/8	1614/145
			Marsha W. Byers and Stephen R. Byers	CNX Gas Company LLC	Not less than 1/8	1731/239
			Edith B. White (Daniel Reed White Heirs)	CNX Gas Company LLC	Not less than 1/8	1614/649 1521/777
			Alvy Scott White	CNX Ges Company LLC	Not less than 1/8	1520/498
			Karen Imogene Meyer	CNX Ges Company LLC	Not less than 1/8 Not less than 1/8	1731/818
			Candace L. McPheron	CNX Ges Company LLC CNX Ges Company LLC	Not less than 1/8	1731/813
			Howard L. Leckey Melinda Reid Hatton	CNX Gas Company LLC	Not less than 1/8	1754/377
			Three Rivers Royalty R, LLC	CNX Gas Company LLC	Man 1 1 M	1756/520
	-		times involve included by the		REC	EIVED
			Frederick C. Tate	CNX Gas Company LLC	Fee Office of (il an 1615/700
			Dennis F. Hatton, Jr.	CNX Gas Company LLC	Cotenancy	147/521
			Amanda Hatton	CNX Ges Company LLC	Cotemancy APR 2	G-2013/521
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	Parcel	QLS#			Martin Mar 1444 (Days	1600#05
25	1-9-11	188592000	Ralph Benjamin Henderson, a/k/a Benjamin Henderson	CNX Gas Company LLC	Not less than A/A/ Depa	rtmen t of ""
	1-9-12				Environment	al Protection
	1-9-13 1-9-14					1505000
			Nancy Edwards Henderson, a/k/a Nancy Henderson	CNX Gas Company LLC	Not less than 1/8	1690/110
			Jeanne E. Bryner, a/k/a Jeanne Bryner	CNX Gas Company LLC	Not less than 1/8	1689/241
			Mary K. Martindale, a/k/a Mary Kay Martindale	CNX Ges Company LLC	Not less than 1/8	1690/115
			David W. Henderson	CNX Gas Company LLC	Not less than 1/8	1690/100
			Gary A. Stiles, a/k/a Gary Allen Stiles, by Bertha J. Stiles, as AIF	CNX Gas Company LLC	Not less than 1/8	1693/571
				 		0-1.0-1
ract ID	Tex Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	Percel	QLS#	A A	CON C. C	Plant to an about the	16827734
26	1-2-10	188508000	James L. Laurita, Sr. Family Limited Partnership, a West Virginia Limited	CNX Gas Company LLC	Not less than 1/8	1653/721
			Partnership by ITT. LLC it's General Partner	CNX Gas Company LLC	Not less than 1/8	1736/217
			Shuman, Inc.	Con des company LLC	NOT TESS GIRLL 1/8	21-50 221
rect ID	Tax Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	Percel	QLS#	MIRROR MEDING ELL	ALTERNATION AND ADDRESS OF THE PERSON AND AD	- FERREIT	
1441.12	1-2-9	257809000	Kevin Hartley and Linda Hartley, h/w	CNX Gas Company LLC	Not less than 1/8	1673/100
278	A-6-9		1			
		Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
278	Tex Map &	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
27B	Tax Map &	<u>Title Opinion</u> <u>QIS#</u> 195397000	Grantor, Lessor, etc. Bounty Minerals, LLC	Grantee, Lessee, etc CNIX Gas Company LLC	Royalty Not less than 1/8	Book/Pego 1694/225

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				•		000
			Linda Suzann Miller, as Trustee for the Generation-Skipping Trust FBO Linda Suzann Miller under the Last Will and Testament of Pauline M.	CNX Gas Company LLC	Not less than 1/8	1659/821
		-	Taylor dated August 24, 2001 Larry C. Taylor, as Trustee for the Generation-Skipping Trust F8O Larry C.	CNX Gas Company LLC	Not less than 1/8	1659/826
			Taylor under the Last Will and Testament of Pauline M. Taylor dated August 24, 2001			
			Dixle Taylor Sturm	CNX Gas Company LLC	Cotenancy	147/515
Tract ID	Tex Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
32	<u>Percel</u> 1-2-11	QLS# 188609000	James L. Laurita Sr. Family Limited Partnership by JTT, LLC, it's General Partner	CNX Gas Company LLC	Not less than 1/8	1653/721
			Shuman, Inc.	CNX Gas Company LLC	Not less than 1/8	1736/217
Tract (D	Tex Map & Parcel	Title Opinion	Grantor, Lessor, etc	Grantoe, Lessee, etc	Royalty	Book/Page
33	1-2-12	195151000	Flossie Kimble, widow of S. E. Kimble, Denzie Kimble and Olive Irene Wright Kimble, h/w	Consolidation Cosl Company	Foe	715/529
			Consolidation Coal Company	CNX Gas Company LLC	Deed	1300/1
nd ID	Tex Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
34	1-2-5	205203000	Flossie Kimble, widow of S. E. Kimble, Denzie Kimble and Olive trene Wright Kimble, Ir/w	Consolidation Coel Company	Fee	715/529
			Consolidation Coal Company	CNX Gas Company LLC	Deed	1300/1
	-		Altakhar Afshari	EQT Production Company	Not less than 1/8	1509/582
				EQT Production Company	Not less than 1/8	1509/586
	-		EQT Production Company	CNX Gas Company LLC	Assignment	AB 153/774
Inst ID	Parcel	QIS#	Fiossic Kimble, widow of S. E. Kimble, Denzie Kimble and Olive trene Wright Kimble, Iv/w Consolidation Coal Company Alfakbar Afshari Amir H. Mohammadi	Consolidation Coal Company CNX Gas Company LLC EQT Production Company EQT Production Company	Fee Deed Not less than 1/8 Not less than 1/8	19

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APR 2 6 2022

WV Department of **Environmental Protection**



MEMORADUM

TO: Kelly L. Kees, P.E.

RE: WDTN19AHSM: WW-6A1 - Lease #12 has no lease chain connecting J.P. Hagan to any of the next lessors on the list.

Per CNX Title Attorneys:

"There was no standalone recorded assignment of this lease from J.P. Hagan into The Philadelphia Company of West Virginia, the next Lessee in the leasehold chain of title. However, both J.P. Hagan and The Philadelphia Company of West Virginia are listed in the title block of an Extension of the lease, recorded immediately after the original lease at DB 118/192 which is executed by the same Lessors and acknowledges The Philadelphia Company of West Virginia as the current Lessee.

This lease was extended by Lessors three separate times in DB 118/192, 130/274, and 130/275, all of which were executed by the original Lessors to The Philadelphia Company of West Virginia. Additionally, the lease has been amended three separate times (DB 249/104, 294/17, 426/324) from Lessors or their successors in interest to the Pittsburgh & West Virginia Gas Co., which was assigned the leasehold from The Philadelphia Company of West Virginia. While there is no direct assignment from the Lessee to The Philadelphia Company of West Virginia. There has been an unbroken assignment chain of this lease for over 100 years and the original lessors and their successors have recognized the validity of the lease and the leasehold ownership of The Philadelphia Company of West Virginia and its assigns."

Office of Oil and Gas
MAY 3 1 2022
WV Department of Environmental Protection



Sarah Weigand CNX Center

Manager Upstream Permitting 1000 CONSOL

Work: 724-485-3244 Canonsburg, P.

Email: Sarah Weigand@cnx.com 724-485-4000

CNX Center 1000 CONSOL Energy Drive Canonsburg, PA 15317-6506 724-485-4000 Cnx.com

4706101899

April 6, 2022

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

RE: Road Letter - WDTN19 Well Pad Drilling Applications

To Whom It May Concern:

Dareh Wagere Sarah Weigand

CNX Gas Company, LLC has the right to drill, stimulate, and produce wells that are drilled under the County and State roads as designated on the plats.

If any further information or correspondence is required, please contact me at (724) 485-3244 or SarahWeigand@cnx.com.

Sincerely,

Office of Oil and Gas

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APR 2 6 2022

WV Department of Environmental Protection

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

Data of Natio	Continuation: 4/11/12	_	API No. 47-	. <u>-</u>	
Date of Notic	te Certification: 4/11/1	ć		Well No. WDTN	N19AHSM
		-		ame: WDTN19	
Notice has l	naan givan:	•			
Dureyont to th	e provisions in West Virginia Code {	S 22-6A the Operator has provi	ded the rea	ired parties w	ith the Notice Forms listed
	tract of land as follows:	3 22 ori, ine operator has provi	404 4.10 1041		
State:	West Virginia	I	Easting:	556990.604	
County:	Monongalia		Northing:	4393925.918	
District:	Batelle	Public Road Acces	_	Wise Run Road/C	R 6
Quadrangle:	Wadestown	Generally used far		CNX	
Watershed:	Dunkard Creek				
prescribed by it has provide information r of giving the requirements Virginia Code	West Virginia Code § 22-6A-7(b), the secretary, shall be verified and sed the owners of the surface describequired by subsections (b) and (c), se surface owner notice of entry to su of subsection (b), section sixteen of e § 22-6A-11(b), the applicant shall thave been completed by the applicant	hall contain the following infor bed in subdivisions (1), (2) an ection sixteen of this article; (ii) arvey pursuant to subsection (a f this article were waived in wender proof of and certify to the	mation: (14 d (4), subset that the request), section to writing by t	A certification (b), security with the certification (b), security was en of this article of the surface ow	on from the operator that (i) tion ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice vner; and Pursuant to West
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the require		is Notice Ce	ertification	OOG OFFICE USE ONLY
I EEASE CIT					ONLI
☐ 1. NO	TICE OF SEISMIC ACTIVITY or	NOTICE NOT REQUIRE SEISMIC ACTIVITY WAS			RECEIVED/ NOT REQUIRED
☐ 2. NO	TICE OF ENTRY FOR PLAT SURV	/EY or 🔳 NO PLAT SURVE	Y WAS CO	NDUCTED	☐ RECEIVED
■ 3. NO	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED NOTICE OF ENTRY FOR PARTY OF PARTY OF THE PARTY OF			RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER B (PLEASE ATTACH)	REC	CE OWNER CEIVED Oil and Gas	
4. NO	TICE OF PLANNED OPERATION				RECEIVED
■ 5. PUI	BLIC NOTICE		APR 2	6 2022	RECEIVED
■ 6. NO	TICE OF APPLICATION		WV Depa Environment	artment of tal Protection	RECEIVED

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

Its:

Certification of Notice is hereby given:

THEREFORE, I , have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, 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 and imprisonment.

Well Operator: CNX Gas Company, LLC By:

Sarah Weigand Manager Permitting Services

Telephone: 724-485-3244 Address: 1000 CONSOL Energy Drive

Canonsburg, PA 15317

Facsimile:

Email: SarahWeigand@cnx.com

Commonwealth of Pennsylvania - Notary Seal Rebecca Zachwieja, Notary Public Washington County

My commission expires November 7, 2023 Commission number 1269683

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this o

Notary Public

My Commission Expires

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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APR 2 6 2022

WV Department of Environmental Protection WW-6A (9-13)

API NO. 47-0 6 1 0 1 8 9 9 OPERATOR WELL NO. WDTN19AHSM Well Pad Name: WDTN19

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

	- .	_		n the ining date of permit application.	
Date	e of Notice: <u>4124 l</u>	Date Permit Application I	Filed: <u>4/</u> 2	<u> 101</u> 17	
Noti	ice of:				
\square	PERMIT FOR ANY	CERTIFICATI	E OE APPI	ROVAL FOR THE	
ت	WELL WORK			AN IMPOUNDMENT OR PIT	
	WELL WORK	CONSTRUCT	ION OF A	IN INFOUNDMENT ORTH	
Deli	very method pursua	nt to West Virginia Code §	22-6A-10	(b)	
	PERSONAL	☐ REGISTERED ☑	МЕТНО	OD OF DELIVERY THAT REQUIRES A	
	SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION	
regis sedin the social adescroper more well important provides provides recording to the control of the control	stered mail or by any nument control plan requestrace of the tract on and gas leasehold being ribed in the erosion are ator or lessee, in the ele coal seams; (4) The work, if the surface to bundment or pit as designed water well, spring of the work activities water for consumptions well work activities of the sheriff requestion of this article to e. R. § 35-8-5.7.a requestration to the sheriff requestion of the sheriff requestion of this article to e. R. § 35-8-5.7.a requestion to the sheriff requestion of	nethod of delivery that requires tired by section seven of this are which the well is or is proposed a developed by the proposed we ad sediment control plan submit went the tract of land on which owners of record of the surface act is to be used for the placem cribed in section nine of this are or water supply source located wotion by humans or domestic and is to take place. (c)(1) If more on hold interests in the lands, the contrary, notice to a lien houres, in part, that the operator s	a receipt of ticle, and the tobe locall work, if the deliversual the well protected from tractic or tracticle; (5) A within one than three applicant to section explicant to sect	as required by this article shall deliver, by personal sor signature confirmation, copies of the application, the well plat to each of the following persons: (1) The ceted; (2) The owners of record of the surface tract or to the surface tract is to be used for roads or other land on the surface tract is to be used for roads or other land on the surface tract is to be used for roads or other land on the surface tract is to be used for roads or other land of the surface tract is to be used for roads or other land of the surface tract is to be used for roads or other land of the surface overlying the oil and gas leasehold being develope uction, enlargement, alteration, repair, removal or abandany surface owner or water purveyor who is known to thousand five hundred feet of the center of the well particle operator of any natural gas storage field with the tenants in common or other co-owners of interests deat may serve the documents required upon the person death, article one, chapter eleven-a of this code. (2) No notice to a landowner, unless the lien holder is the landowide the Well Site Safety Plan ("WSSP") to the surface provided in section 15 of this rule.	e erosion and owners of record of acts overlying the listurbance as he coal owner, derlain by one or d by the proposed indonment of any the applicant to d which is used to in which the escribed in le scribed in the twithstanding any downer. W. Va.
Ø A	Application Notice	☑ WSSP Notice ☑ E&S Pla	an Notice	☑ Well Plat Notice is hereby provided to:	DE
	URFACE OWNER(s			☑ COAL OWNER OR LESSEE	RECEIVED Office of Oil and Gas
	ne: CNX Gas Company LL			Name: see attached	on on and Gas
	ress: 1000 CONSOL Ene	rgy Drive		Address:	APR 2 6 2022
Cano	nsburg, PA 15317				2 0 2022
				COAL OPERATOR	W// Donort
Add	lress:			Name:	WV Department of Environmental Protection
				Address:	- Protection
) (Road and/or Other Disturba	ance)		-
	ne: Barbara S Shriver			SURFACE OWNER OF WATER WELL	
	ress: 70 Wise Run Road			AND/OR WATER PURVEYOR(s)	
Wan	a, WV 26590			Name: see attached	
Nan	ne:			Address:	•
Add	lress:			OPERATOR OF ANY NATURAL GAS STOR	
	URFACE OWNER) (Impoundments or Pits)		Name:	
Nar	ne:			Address:	· -
Add	lress:			*Please attach additional forms if necessary	-

API NG. 77-06-101899

OPERATOR WELL NO. WOTNISAHSM

WELL PAR Name: WOTNIS

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

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Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of 1964/00/heartals as Protection headquarters, located at 601 57th Street, SE. Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

WV Department of

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred lifty feet measured horizoffidity from any coasting water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided. whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

APHN 7. 40-61-01899

OPERATOR WELL NO. WDTN19AHSM

Well Pad Name: WDTN19

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty-construction the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written commences to the location or construction of the applicant's proposed well work to the Secretary at:

APR 2 6 2022

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

WV Department of Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A (8-13) APPNO. 40 6 1-0 1 8 9 9

OPERATOR WELL NO. WDTN19AHSM

Well Pad Name: WDTN19

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) 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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

APR 2 6 2022

WV Department of

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

WW-6A (8-13)

OPERATOR WELL NO. WDTN19AHSM Well Pad Name: WDTN19

Notice is hereby given by: Well Operator: Sarah Weigand Telephone: 724-485-3244 Email: SarahWeigand@cnx.com

Address: 1000 CONSOL Energy Drive, Canonsburg, PA 15317 Facsimile:

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Commonwealth of Pennsylvania - Notary Seal Rebecca Zachwieja, Notary Public Washington County My commission expires November 7, 2023 Commission number 1269683

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this 20th day of april 2027.

Rebolice yackwey a Notary Public

My Commission Expires Member 7, 2023

RECEIVED

APR 2 6 2022

Office of Oil and Gas

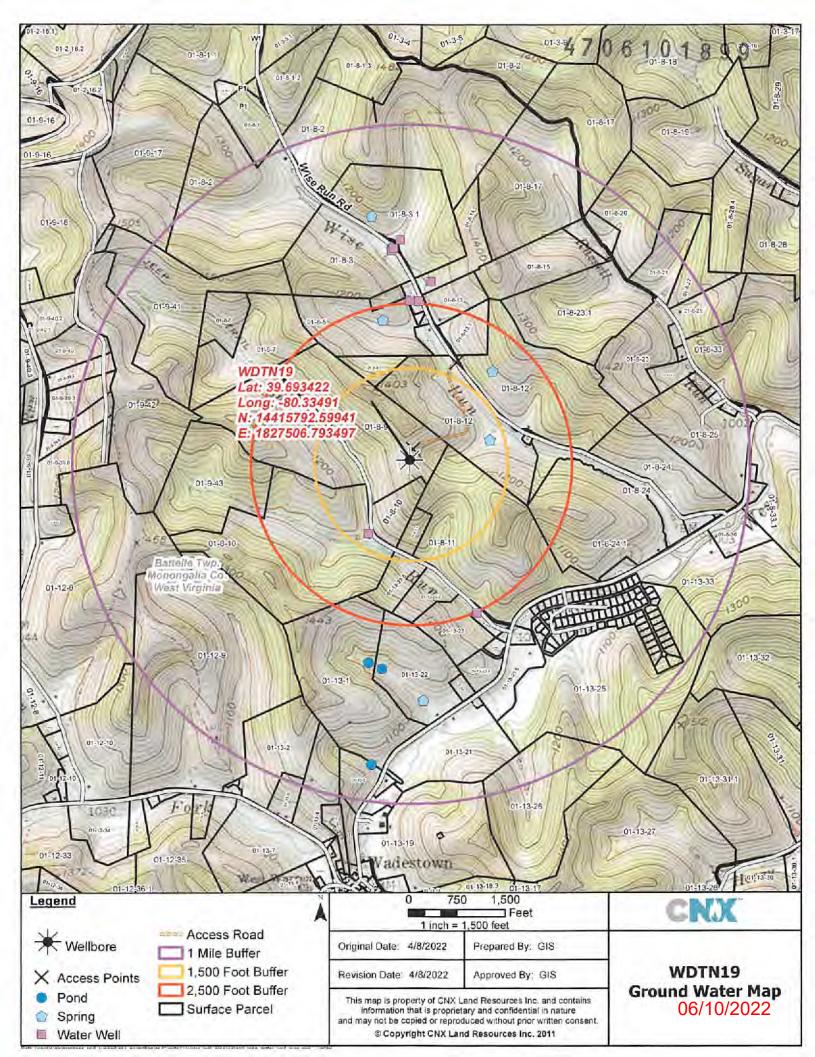
WV Department of **Environmental Protection**

WDTN19AHSM 6A No	tices
Surface Owner	Address
	1000 Consol Energy Drive
CNX Gas Company LLC	Canonsburg, PA 15317
Surface Owner (Road and/or Other Disturbance)	Address
Barbara S Shriver	70 Wise Run Road Wana, WV 26590
PGH Coal Seam	
Coal Owner	Address
	Attn: Casey Saunders 27
CONSOL RCPC LLC	Technology Drive
CONSOL RCPC LLC *	Suite 101
	Canonsburg, PA 15317-9565
All Other Coal Seams	
Coal Owner	Address
	1000 Consol Energy Drive
CNX Gas Company LLC	Canonsburg, PA 15317
/	819 NE 128th Street
Kathryn W. Becker 🗸	Seattle, WA 98125
	P.O. Box 895
Deborah W. Manning 🗸	Plymouth, CA 95669
	P.O. Box 82
Elizabeth W. March 🗸	Bally, PA 19503
	31 Atisvgi Court
George Cummins Jr. 🗸	Brevard, NC 28712
Water Wells w/in 1500	1
Barbara S Shriver	70 Wise Run Road Wana, WV 26590
	11 Mona Lane Wana, WV 26590

RECEIVED
Office of Oil and Gas

APR 2 6 2022

WV Department of Environmental Protection



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ax ID	Owner Company of the	OWNERS 1 MILE OUT	City	State	Zip Code	Phone
1-8-1	AREHEART HENRY W & LYNDA M	1516 ORCHARD DRIVE		PA	15220	412-561-779
1-8-5.1	BARR NELSON E & VIRGINIA L	503 WISE RUN RD	WANA	w	26590	304-662-656
	BARTLETT JIMMIE JUNIOR & MARCIA LEA	565 HUNTING HILLS	WANA	w	26590	304-662-676
-8-10	BECKNER TROY DAVID & JANET LEE SMITH(LIFE-MARY JAN	11 MONA LN	WANA	WV_	26590 26590	304-662-65 ⁻
-9-43	BECKNER TROY DAVID & JANET LEE SMITH(LIFE-MARY JAN	RUSSELL RUN/WISE RUN RD	WANA WANA	w	26590	UNKNOWN
-8-2 -8-5.2	BENJAMIN M & TERRY A WISE CARMAN MARGUERITTE K	3552 E. WILSON ST.	FARMVILLE	NC	27828	252-341-90
	CHISLER ROY DALE, TWYLA & CRYSTAL SPEARS	11 FRANK TENNANT RD	BLACKSVILLE	w	26521	304-662-64
-8-6	CNX GAS COMPANY LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-400
-8-7	CNX GAS COMPANY LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-8-9	CNX GAS COMPANY LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-8-33	CNX LAND LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40 724-485-40
-8-33.1	CNX LAND LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG CANONSBURG		15317 15317	724-485-40
-9-17	CNX LAND LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-8-17 -8-20	CNX MIDSTREAM DEVCO III LP CNX MIDSTREAM DEVCO III LP	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-13-24	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-13-25	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-13-33	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-13B-1	CNX RCPC ILC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317 15317	724-485-40 724-485-40
	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG CANONSBURG		15317	724-485-40
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	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG	PA	15317	724-485-40
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	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
-13B-17	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317 15317	724-485-40
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1-13B-32	CNX RCPC LLC APR 2 6 2022	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317 15317	724-485-40
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	CNX RCPC LLC Environmental Protection	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-40
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	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG	PA	15317	724-485-4
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	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-4
I-13B-52	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-4 724-485-4
	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317 15317	724-485-4
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	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-4
I-13B-73	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-4
	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317 15317	724-485-4 724-485-4
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1-13B-8°	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-4
	CNX RCPC LLC	1000 CONSOL ENERGY DRIVE	CANONSBURG		15317	724-485-4 724-485-4
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50.4-5 EFAVILLE STREETH W. DONNA P							304-662-2400
59-85 FAWN ERRICTH W. DONNA P	01-8-14						724-825-8783
19-8-5 FFAM PERRICH MA DONNA P							
19-89 FORWARD RAY LETTERS A 12 PROVINCE PRIVATE 12 PROVINCE PRIVATE PRIV							304-662-6451
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09-183-1 MARCER WILLIAMS		TOTAL CONTROL					229-939-0919
15-9-312 ENDERSON DAVID GOAL AGNES 208 BROWNS RIN BUTTON WV 26502 304-502-501-518-60 HOLDERS LERAD DEVICE & DORRAL JERN MELLAD PO BOX 85 10-1518-60 HOLDERS LERAD DEVICE & DORRAL JERN MELLAD PO BOX 85 10-1518-60 HOLDERS LERAD DEVICE & DORRAL JERN MELLAD PO BOX 85 10-1518-60 HOLDERS LERAD DEVICE & DORRAL JERN MELLAD SIGH HANTHON HILLS RAVING WW 2670-26-26-26-26-26-26-26-26-26-26-26-26-26-			1001101111011110				304-282-9332
131-132-132-132-132-132-132-132-132-132-	01-8-25.4	HELMICK RANDY DAVID & SANDRA KAY PRIDE					304-328-5893
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19-8-27 RIRBY TROY EDWARD & BARBARA ANNE			11011000000				304-376-0865
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10-13-26 MCRICATION MCREATTOWN W 26500 304-602-601-601-601-601-601-601-601-601-601-601	01-13B-46	MCDOUGAL DONNIE L & BARBARA LYNN					304-291-7257
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19-39.39 ATTERSON MALIAM & CATHY A 289 BOWNER RIN B WW 2895 294-592- 19-93.93 PRICE CHRISTOPHER 192 IMAPLE RIDGE BD GREENBORD FA 13328 8157-294 19-94.1 PROVINGE REGIS B BONNIE M. REGIS BI & BRIAN L 384 PARK TUR D WOODS AND THE REGIS BOWNER M. REGIS BI & BRIAN L 384 PARK TUR D WOODS AND THE REGIS BOWNER M. REGIS BI & BRIAN L SERVICE CHRISTOPHER 19-94.1 PROVINGE REGIS B. BONNIE M. REGIS BI & BRIAN L SERVICE CHRISTOPHER 19-94.1 PROVINGE REGIS B. BOWNER M. REGIS BI & BRIAN L SERVICE CHRISTOPHER 19-94.1 PROVINGE REGIS B. BOWNER M. REGIS BI & BRIAN L SERVICE CHRISTOPHER 19-94.1 ROWNER FERDER SERVICE EST CO. JACKE WILSON 19-18.2 FARM TO MADE TO A CHRISTOPHER W. WOODSTOWN W. 26590. 304-512- 19-18.2 FARM TO MADE TO A CHRISTOPHER W. SERVICE EST CO. JACKE WILSON 19-18.2 FARM TO MADE TO A CHRISTOPHER W. SERVICE EST CO. JACKE WILSON 19-18.2 FARM TO A CHRISTOPHER W. WOODSTOWN W. 26590. 304-512- 19-19.1 RUSSELL DEWRY TE ALL INNOWING W. 26590. 304-512- 19-19.1 SANDERS DOUGLAS S. REMBERLY J SEA MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.1 SANDERS DOUGLAS S. REMBERLY J SEA MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.1 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.1 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.1 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.1 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.1 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 26590. 304-652- 19-19.2 SANDERS THOMAS W. 9651 MASON DEON HWY WOODSTOWN W. 2							304-662-6449
19-93.93 PATTERSON WILLIAM A & CATHYY A 289 BROWNS RUN SUPPON 28992 39-9562			123 RUSSELL RUN RD				304-376-2818
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01-941 PROVANCE RESIS B, DURNER IN REUIS B I & REVISE II. RIN RO MAGESTOWN I W 2650 341-455 161-325 RINGSUR ASHLEY D & CEOL 200 EAST ST PROSPERTY P 21329 UNIXOUS 200 EAST ST PROSPERTY P 200 EAST ST 20	01-9-39.6	PRICE CHRISTOPHER					
10-8-23 RILENOUR ARRIELD & LEVEL. 10-8-11 RODDEY O & DEBRA HERRY 2001 LINTENG HILLS WADESTOWN W. 26950 304-692-101-138-61 ROSS WADESTOWN W. 26950 304-692-101-132-21 ROSS WADESTOWN W. 26950 204-933-101-132-21 ROSS WADESTOWN W. 26950 204-933-101-132-21 ROSS WADESTOWN W. 26950 204-933-101-132-21 ROSS WADESTOWN W. 26950 304-692-101-132-21 RO							941-545-8012
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11-322 RUSSELL DEWEY & BEATRICE EST CIO JACKIE WILSON 33 RUSSELL RUN RD WADESTOWN W 26590 304-662-						26590	304-662-6535
101-13-22 IRUSSELL TMOTHY E & L'INNAINE				WADESTOWN	wv		912-308-5253
01-13-12 SANDERS DIVIGES & REMERLY J 9560 MASON DIXON HWY WADESTOWN WV 2590 228-935 01-13-21 SANDERS DIVIGES & REMERLY J 9561 MASON DIXON HWY WADESTOWN WV 2590 228-935 01-13-21 SANDERS THOMAS W 9561 MASON DIXON HWY WADESTOWN WV 2590 304-652 01-13-21 SANDERS THOMAS W 9561 MASON DIXON HWY WADESTOWN WV 2590 304-652 01-13-23 SANDERS THOMAS W 9561 MASON DIXON HWY WADESTOWN WV 2590 304-652 01-13-21 SANDERS THOMAS W 9561 MASON DIXON HWY WADESTOWN WV 2590 304-652 01-13-23 SANDERS THOMAS W 9561 MASON DIXON HWY WADESTOWN WV 2590 UNKNOW 01-13-23 SANDERS THOMAS W 9561 MASON DIXON HWY WADESTOWN WV 2590 UNKNOW 01-13-28 SANDERS THOMAS W 2590 UNKNOW WV 2590 UNKNOW 01-13-28 SANDERS THOMAS W WV 2590 UNKNOW WV			9534 MASON DIXON HWY				304-662-6328
0-11-32 SANDERS THOMAS W 2650 34-662-	01-13-22	SAGO DAVID K & RAMONA J					304-662-6265
01-13-21 SANDERS THOMAS W SSSS SANDE							304-662-6536
01-13-26 SANDERS THOMAS W 26590 304-662-							304-662-6536
01-13-28 SANDERS THOMAS W 26590 LUNNON 26590 LUNNON 26590 LUNNON 26590 LUNNON 26590 LUNNON 26590 201-8-22 SHRIVER BARBARA S 70 WISE RUN RD WADESTOWN W 26590 304-652 201-8-22 SHRIVER BARBARA S 270 WISE RUN RD WADESTOWN W 26590 304-652 201-8-22 SHRIVER BARBARA S 270 WISE RUN RD WANA W 26590 204-652 201-8-22 SHRIVER BARBARA S 270 WISE RUN RD WANA W 26590 204-652 201-8-22 201							304-662-6536
01-92-03 SHRIVER BARBARA S 01-92-04 SHRIVER BARBARA S			 				UNKNOWN
01-8-22 SHRIVER BARBARA S & GREGORY RECEIVED 271 WISE RUN RD WANA W 26590 304-662- 304-362-					w	26590	304-662-6131
01-9-21_2 SHRIMER BARBARA S & GREGORY L. MECHEVE 271 WISE RUN RD WANA WV 26590 304-662- 01-9-24_3 SHRIMER GREGORY L. MYN Office of Oil and Gas WISE RUN RD WANA WV 26590 304-662- 01-9-24_1 SHRIMER GREGORY L. MYN Office of Oil and Gas WISE RUN RD WANA WV 26590 304-662- 01-9-24_1 SHRIMER GREGORY L. MYN OFFICE OIL AND WANA WV 26590 304-662- 01-12-9 SK RALPH WANA WV 26590 304-662- 01-12-9 SK RALPH WANA WANA WV 26590 304-662- 01-13-13 STILES CLARK DONLEY APR 2 6 2022 3305 KM ST PARKERSBURG WV 26104 740-485- 01-13-13 STILES CLARK DONLEY APR 2 6 2022 3305 KM ST PARKERSBURG WV 26104 740-485- 01-13-13 STILES CLARK DONLEY WANA WY 26570 340-662- 01-9-23 STILLWAGON JOHN PAUL & MARY LOUISE 187 KM ST PARKERSBURG WV 26104 740-485- 01-9-23 STILLWAGON JOHN PAUL & MARY LOUISE 187 KM ST PARKERSBURG WV 26510 740-485- 01-9-23 STILLWAGON JOHN PAUL & MARY LOUISE 187 KM ST PARKERSBURG WV 26510 740-485- 01-13-23 STILLWAGON JOHN PAUL & MARY LOUISE WANA WY 26570 304-692- 01-13-23 STILLWAGON JOHN DA & BERNICE Environmental Protection 182 DUNKARD VALLEY BLVD APT B CORE WV 26511 304-376- 01-13-23 STILLWAGON JOHN DA & BERNICE Environmental Protection 182 DUNKARD VALLEY BLVD APT B CORE WV 26541 304-376- 01-13-23 STILLWAGON JOHN BRINGE WANA WV 26590 304-662- 01-13-23 STILLWAGON JOHN BR			70 WISE RUN RD				304-662-6131
01-8-24.3 SHRIVER OREGOVERY LITIN 100 10		SHRWER BARBARA S & GREGORY L RECEIVED					304-662-6573
01-92-92 STELLWAGON JOHN PAUL & MARY LOUISE 01-13-19 STEES CLARK DONLEY 01-13-19 STEES CLARK DONLEY 01-13-19 STEES CLARK DONLEY 01-13-19 STEES CLARK DONLEY 01-13-20 STELLWAGON JOHN PAUL & MARY LOUISE 01-13-20 STELLWAGON JOHN PAUL & MARY LOUISE 01-13-20 STELLWAGON JOHN PAUL & MARY LOUISE 01-13-22 SULLIVAR LARRY & KOMBERLY WV Department of 01-13-23 STELNAND TRY DON D & BERNICE 148 FOX RUN RD APT B CRANBERRY TYPA 16066 172-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-	01-8-24.3	SHRIVER GREGORY LYNN Office of Oil and Gas					304-662-6573 304-662-6131
13-19 STRES CLARK DONLEY APR 2 6 2022 3305 KM ST PARKERSBURG W 26104 740-485-							304-662-6309
01-19-26 STILES CLARK DONLEY		ISIX RALPH					740-485-2622
01-9-26 STILLWAGON JOHN PAUL & MARY LOUISE							740-485-2622
11-8-23.2 SULLIVAN LARRY & KIMBERLY WV Department of 162 MIRACLE RUN RD				CRANBERRY T		16066	724-776-6558
182 DUNKARD VALLEY BLVD APT B CORE WV 26941 349-376-19-323 TENNANT BYRON D & BERNICE Environmental Protection 182 DUNKARD VALLEY BLVD APT B CORE WV 26941 349-376-19-323 TENNANT BYRON D & BERNICE 182 DUNKARD VALLEY BLVD APT B CORE WV 26941 304-376-19-323 TENNANT BYRON D & BERNICE 182 DUNKARD VALLEY BLVD APT B CORE WV 26941 304-376-19-323 TENNANT BYRON D & BERNICE 182 DUNKARD VALLEY BLVD APT B CORE WV 26941 304-376-19-323 TENNANT DAVID K & LINDA 493 MASON DIXON HWY WANA WV 26950 304-682-19-323 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26950 304-682-19-323 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26950 304-682-19-323 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26950 304-682-19-323 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26950 304-682-19-323 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26950 304-682-19-323 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 28801 304-673-19-323 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 28801 304-673-19-323 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 28801 304-673-19-323 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 28801 304-673-19-323 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 28801 304-673-19-323 WAGN		SULLIVAN LARRY & KIMBERLY WV Department of	162 MIRACLE RUN RD				304-662-6523
101-13-23.3 TENNANT BYRON D & BERNICE E 182 DUNKARD VALLEY BLVD APT B CORE WV 26541 304-376	01-13-23.2	TENNANT BYRON D & BERNICE Emironmental Protection					304-376-1950
101-13-23.3 TENNANT BYRON D & BERNICE E 182 DUNKARD VALLEY BLVD APT B CORE WV 26541 304-376-01-13-23.1 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26590 304-662-01-13-23.5 TENNANT DAVID K & LINDA 9433 MASON DIXON HWY WANA WV 26590 304-662-01-13-23.5 TENNANT DAVID K & LINDA L 9433 MASON DIXON HWY WANA WV 26590 304-662-01-13-23.8 TENNANT DAVID K & LINDA L 9433 MASON DIXON HWY WANA WV 26590 304-662-01-13-23.8 TENNANT DAVID K & LINDA L 9433 MASON DIXON HWY WANA WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9433 MASON DIXON HWY WANA WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9435 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9495 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9495 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9495 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9495 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9495 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9405 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.8 TENNANT MICHAEL 9405 MASON DIXON HWY WADESTOWN WV 26590 304-662-01-13-23.1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 25801 304-673-01-8-24.2 WATSON JAMES A & PAMELA L 9208 MASON DIXON HWY WADESTOWN WV 26590 304-673-01-8-24.2 WATSON JAMES A & FAMELA L 9208 MASON DIXON HWY WADESTOWN WV 26590 304-673-01-8-24.2 WATSON JAMES A & RATLYN H CASINO 462 WISE RUN RD WANA WV 26590 304-682-01-8-23.1 WHIFE BRENT L & COURTNEY R 9971 MASON DIXON HWY WANA WV 26590 304-682-01-8-23.1 WHIFE BRENT L & COURTNEY R 9971 MASON DIXON HWY WANA WV 26590 912-308-01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308-01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RU	01-13-23	TENNANT BIRON D'& BERNICE E					304-376-1950 304-376-1950
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01-13-23.6 TENNANT DAVID K & LINDA L 9433 MASON DIXON HWY WANA WV 26590 304-662- 01-13-23.8 TENNANT DAVID K & LINDA L 9433 MASON DIXON HWY WANA WV 26590 304-662- 01-8-36 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26590 304-662- 01-8-36 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WV 26590 304-662- 01-9-40 THOMAS ROSE L 416 BROWN RUN RD BURTON WV 26590 304-662- 01-9-42 THOMAS ROSE L 416 BROWN RUN RD BURTON WV 26562 304-657- 01-9-3 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 25801 304-673- 01-8-3.1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 25801 304-673- 01-8-3.1 WHIPKEY JAMES C & KATLYN H CASINO 462 WISE RUN RD WANA WV 26590 B28-817- 01-8-13.1 WHIPKEY JAMES C & KATLYN H CASINO 462 WISE RUN RD WANA WV 26590 UNKNO- 01-8-13.1 WHIPKEY JAMES C & KATLYN H CASINO 01-8-34 WHITE BRENT L & COURTNEY R 9071 MASON DIXON HWY WANA WV 26590 UNKNO- 01-8-25 WHITE DONALD L & LINDA L 9050 MASON DIXON HWY WANA WV 26590 304-906- 01-8-25.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 94 WANA WV 26590 912-308- 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 94 WOLFPEN KNOB DEVELOPMENT COMPANY							304-662-6334
01-3-23.8 TENNANT DAVID K & LINDA L 9433 MASON DIXON HWY WANA WV 26590 304-662.					wv	26590	304-662-6334
01-8-36 TENNANT MICHAEL 9195 MASON DIXON HWY WADESTOWN WWW. 26590 304-662- 308-461-			9433 MASON DIXON HWY				304-662-6334
01-8-11.1 TENNANT MICHAEL D 9195 MASON DIXON HWY WADESTOWN W 26590 304-6652 304-667- 307-940 THOMAS ROSE L 416 BROWN RUN RD BURTON W 26562 304-667- 307-942 THOMAS ROSE L 416 BROWN RUN RD BURTON W 26562 304-667- 307-942 THOMAS ROSE L WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 25801 304-673- 307-93-1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY W 26590 UNKNOUN DI-8-13-1 WI-IPKEY JAMES C & KATLYN H CASINO 462 WISE RUN RD WANA W 26590 304-662- 307-93-1 WAGNER BARBARA C/O ROXIE W LOCATION ST	01-8-36	TENNANT MICHAEL					304-662-6870
01-9-42 THOMAS ROSE L	01-8-11.1						304-662-6870 304-657-0691
01-8-32 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 25801 304-673-301-8-3.1 01-8-3.1 WAGNER BARBARA C/O ROXIE W LUCAS 320 LINCOLN ST BECKLEY WV 25801 304-673-301-301-301-301-301-301-301-301-301-30							304-657-0691
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01-8-24.2 WATSON JAMES A & PAMELA L 9208 MASON DIXON HWY WADESTOWN WV 26590 828-817- 01-8-13. WHIPKEY JAMES C & KATLYN H CASINO 01-8-13.1 WHIPKEY JAMES C & KATLYN H CASINO 01-8-13.1 WHIPKEY JAMES C & KATLYN H CASINO 01-8-34 WHITE BRENT L & COURTNEY R 9071 MASON DIXON HWY WANA WV 26590 304-662 01-8-25 WHITE DONALD L & LINDA L 9050 MASON DIXON HWY WANA WV 26590 304-602 01-8-25.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-25.2 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON LARRY, WILSON JACKIE, HOSTUTLER BONNIE RC/O SHARON LEMLEY 2155 MASON DIXON HWY MAIDSVILLE WV 26541 304-879 01-13-21.2 WOLFPEN KNOB DEVELOPMENT COMPANY							304-673-4373
01-9-13 WHIPKEY JAMES C & KATLYN H CASINO 462 WISE RUN RD WANA WV 26590 UNKNO' 01-8-13.1 WHIPKEY JAMES C & KATLYN H CASINO 462 WISE RUN RD WANA WV 26590 UNKNO' 01-8-34 WHITE BRENT L & COURTNEY R 9071 MASON DIXON HWY WANA WV 26590 304-906 01-8-25 WHITE DONALD L & LINDA L 9050 MASON DIXON HWY WANA WV 26590 304-906 01-8-25.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-25.2 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-25.2 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE L LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON LARRY, W.SON JACKIE, HOSTUTLER BONNIE R C/O SHARON LEMLEY 2155 MASON DIXON HWY MAIDSVILLE WV 26541 304-879 01-13-21.2 WOLFPEN KNOB DEVELOPMENT COMPANY 1000 CONSOL ENERGY DRIVE STE 10 CANONSBURG PA 15317 724-485						26590	828-817-3119
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01-8-34 WHITE BRENT L & COURTNEY R 9071 MASON DIXON HWY WANA WV 26590 304-662 01-8-25 WHITE DONALD L & LINDA L 9050 MASON DIXON HWY WANA WV 26590 304-908 01-8-25.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-25.2 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE, HOSTUTLER BONNIE R C/O SHARON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON JACKIE, HOSTUTLER BONNIE R C/O SHARON LEMLEY 2155 MASON DIXON HWY MAIDSVILLE WV 26541 304-879 01-13-21.2 WOLFPEN KNOB DEVELOPMENT COMPANY 1000 CONSOL ENERGY DRIVE STE 10 CANONSBURG PA 15317 724-485			462 WISE RUN RD				UNKNOWN
01-9-25.1 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308	01-8-34	WHITE BRENT L & COURTNEY R					304-662-6745
01-8-25.2 WILSON JACKIE & PEGGY SUE 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23 WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY 93 RUSSELL RUN RD WANA WV 26590 912-308 01-8-23.1 WILSON LARRY, WILSON JACKIE, HOSTUTLER BONNIE RC/O SHARON LEMLEY 2155 MASON DIXON HWY MAIDSVILLE WV 26541 304-879 01-13-21.2 WOLFPEN KNOB DEVELOPMENT COMPANY 1000 CONSOL ENERGY DRIVE STE 10 CANONSBURG PA 15317 724-885							304-906-8945 912-308-5253
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01-8-23.1 WILSON JACKIE, HOSTUTLER BONNIE RC/O SHARON LEMLEY 2155 MASON DIXON HWY MAIDSVILLE WV 26541 304-879 01-13-21.2 WOLFPEN KNOB DEVELOPMENT COMPANY 1000 CONSOL ENERGY DRIVE STE 10 CANONSBURG PA 15317 724-485							912-308-5253
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	01-13-21.2	WOLFPEN KNOB DEVELOPMENT COMPANY	1000 CONSOL ENERGY DRIVE STE 1				724-485-4000
			1000 CONSOL ENERGY DRIVE STE 1	CANONSBURG	PA	15317	724-485-4000

WW-6A4 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

	Requirement: Notice shall be provide: 04/22/2022 Date	ded at least TEN (10) days prior to filing a per detection Filed: 04/28/2022	permit application.
Delivery me	cthod pursuant to West Virginia Co	de § 22-6A-16(b)	
☐ HAND	CERTIFIED MAIL		
DELIV		PROUESTED	
2222.			
receipt reque irilling a ho of this subse subsection n	ested or hand delivery, give the surface rizontal well: <i>Provided</i> , That notice a ection as of the date the notice was pro- nay be waived in writing by the surface	en days prior to filing a permit application, to owner notice of its intent to enter upon the given pursuant to subsection (a), section ten ovided to the surface owner: <i>Provided</i> , how the owner. The notice, if required, shall inclu- mail address of the operator and the operator	ne surface owner's land for the purpose of on of this article satisfies the requirements vever, That the notice requirements of this ude the name, address, telephone number,
Notice is h	ereby provided to the SURFACI		
	GAS COMPANY LLC	Name:	
	AS COURCE THEREWARDINE	Address:	
	00 CONSOL ENERGY DRIVE		
Notice is h Pursuant to the surface of State:	ereby given: West Virginia Code § 22-6A-16(b), nowner's land for the purpose of drilling WEST VIRGINIA	notice is hereby given that the undersigned g a horizontal well on the tract of land as fo UTM NAD 83 Easting:	llows: 556990.604
Notice is h Pursuant to the surface of State: County: District:	ereby given: West Virginia Code § 22-6A-16(b), nowner's land for the purpose of drilling WEST VIRGINIA MONONGALIA BATELLE	g a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	llows:
Notice is h Pursuant to the surface of	ereby given: West Virginia Code § 22-6A-16(b), nowner's land for the purpose of drilling WEST VIRGINIA MONONGALIA BATELLE WADESTOWN	g a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	Hows: 556990,604 4393925,918 WISE RUN ROAD/ CR6
Notice is h Pursuant to the surface of State: County: District: Quadrangle: Watershed: This Notic Pursuant to facsimile nurelated to he	ereby given: West Virginia Code § 22-6A-16(b), nowner's land for the purpose of drilling WEST VIRGINIA MONONGALIA BATELLE: WADESTOWN DUNKARD CREEK West Virginia Code § 22-6A-16(b) amber and electronic mail address of corroptal drilling may be obtained from	g a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	steps of Environmental Protection headquarters
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Notice is he Pursuant to the surface of State: County: District: Quadrangle: Watershed: This Notice Pursuant to facsimile nurclated to he located at 60	ereby given: West Virginia Code § 22-6A-16(b), nowner's land for the purpose of drilling WEST VIRGINIA MONONGALIA BATELLE WADESTOWN DUNKARD CREEK West Virginia Code § 22-6A-16(b) amber and electronic mail address of corizontal drilling may be obtained from 157th Street, SE, Charleston, WV 25	g a horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: this notice shall include the name, address the operator and the operator's authorized on the Secretary, at the WV Department of	step.wv.gov/oil-and-gas/pages/defauh.aspx
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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov

RECEIVED
Office of Oil and Gas

MAY 31 2022

WW-6A5 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice Time Date of Notic	Requirement: notice shall be proved:	ided n	o later than the filing pplication Filed:	date of permit	application.
Delivery met	hod pursuant to West Virginia C	ode §	22-6A-16(c)		
■ CERTI	FIED MAIL	П	HAND		
	RN RECEIPT REQUESTED		DELIVERY		
Pursuant to Vereturn receipt the planned of required to be drilling of a lidamages to the damages to the notice of notice. Notice is her (at the addres Name: CNX Ga	V. Va. Code § 22-6A-16(c), no la requested or hand delivery, give to peration. The notice required by provided by subsection (b), section horizontal well; and (3) A proposite surface affected by oil and gas of estimated by this section shall be be provided to the SURFACE (as listed in the records of the sheriff is Company LLC ICONSOL Energy Drive	this son ten of ed surfiperation given	the date for filing to ace owner whose land absection shall inclu- of this article to a surf- ace use and compens as to the extent the date to the surface owner a	I will be used for de: (1) A copy ace owner whos action agreement amages are comp at the address lis	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information see land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
Pursuant to V				I well on the tra	well operator has developed a planned act of land as follows: 558990,604 4393925,918
District:	Batelle		Public Road		Wise Run Road/CR 6
Quadrangle:	Wadestown		Generally use	ed farm name:	CNX
Watershed:	Dunkard Creek		_		
Pursuant to V to be provide horizontal we surface affect information r	ed by W. Va. Code § 22-6A-10(bell; and (3) A proposed surface use ted by oil and gas operations to the related to horizontal drilling may located at 601 57th Street, SE,	to a and cone extended to be	surface owner whose empensation agreement the damages are contined from the Secret	land will be unterested the containing are compensable underly at the WV	code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting

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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov. RECEIVED

Office of Oil and Gas

APR 2 6 2022

WDTN19AHSM 6	A5 Notices
Surface Owner	Address
	1000 Consol Energy Drive
CNX Gas Company LLC	Canonsburg, PA 15317

RECEIVED
Office of Oil and Gas

APR 2 6 2022

WV Department of Environmental Protection

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole. *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the crosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

VOLUNTARY STATEMENT OF NO OBJECTION

required, and State:	attachments consisting of pages one (1) through the well plat, all for proposed well work on the twest virginia	ract of land as fol UTM NAD 83	lows: Easting:	556990.604	
County:	MONONGALIA		Northing:	4393925.918	
District:	BATELLE	Public Road Ac	192.04	Wise Run Road/CR 6	
Quadrangle: Watershed:	WADESTOWN DUNKARD CREEK	Generally used	arm name:	CNX	Office of Oil and Gas
issued on the	2 6 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				WV Department of
*Please chec	k the box that applies	FO	R EXECUT	ION BY A NAT	URAE PERSONal Protectio
■ SURFA	CE OWNER	Sig	nature:		
□ SURFA	CE OWNER (Road and/or Other Disturbanc	Derie	it Name:		
☐ SURFA	CE OWNER (Impoundments/Pits)	FO	REXECUT	ION BY A COR	PORATION, ETC.
	OWNER OR LESSEE		npany: CNX GA	AS COMPANY LLC	a Giarrio, qui c
□ COAL		TY			
	PERATOR		Sarah Weigand Permitting Service	es Manager	<u> </u>
□ COAL (Its:		es Manager aud Urt	escaril

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer awy, gov.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

D. Alan Reed, P.E. State Highway Engineer 1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

April 5, 2022

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the WDTN19 Pad, Monongalia County WDTN19AHSM Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2018-0900 which has been issued to CNX Gas Company LLC, for access to the State Road for a well site located off Monongalia County Route 6 SLS MP 0.986.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a DISTRICT WIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

RECEIVED
Office of Oil and Gas

APR 2 6 2022

Gary K. Clayton, P.E.

Regional Maintenance Engineer

Central Office O&G Coordinator

WV Department of Environmental Protection

Cc: Becky Zachwieja

CNX Gas Company LLC

CH, OM, D-4

File

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**
Water	CNX	Carrier/Base Fluid	Water	7732-18-5	100,00%
Sand	HiCrush	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	99.90%
HCL Acid (28%)	CHEMSTREAM	Acidizing	Hydrochloric Acid	7647-01-0	28.00%
ACI-250	CHEMSTREAM	Acid corrosion inhibitor	Methanol	67-56-1	45.00%
	CHEMSTREAM	ART THE PROPERTY.	Trade Secret	Proprietary	15.00%
	CHEMSTREAM		Ethylene glycol	107-21-1	20.00%
	CHEMSTREAM		N,N-Dimethylformamide	68-12-2	10.00%
	CHEMSTREAM		2-Butoxyethanol	111-76-2	5.00%
Citric Acid 50%	CHEMSTREAM	Iron Control Agent	citric acid	77-92-9	50.50%
CoilSTREAM VB 625	CHEMSTREAM	Gelling Agent	Heavy Aliphatic Naphtha	64742-96-7	60.00%
	CHEMSTREAM		Trade Secret	Proprietary	5.00%
	CHEMSTREAM		Trade Secret	Proprietary	3.00%
	CHEMSTREAM		Trade Secret	Proprietary	3.00%
	CHEMSTREAM		Guar Gum	9000-30-0	50.00%
StimSTREAM 9800	CHEMSTREAM	Friction Reducer	Alkanes, C16-20-iso-	90622-59-6	25,00%
	CHEMSTREAM		Butene, homopolymer	9003-29-6	25.00%
	CHEMSTREAM		Ethoxylated alcohols	68213-23-0	3.00%
Clearal 268	CHEMSTREAM	Biocide	Glutaraldehyde	111-30-8	10-20%
	CHEMSTREAM		Didecyl dimethyl ammonium chloride	7173-51-5	3.00%
	CHEMSTREAM		Quaternary Ammonium Compounds	68424-85-1	<3.00%
	CHEMSTREAM		Ethanol	64-17-5	<1.5%
	CHEMSTREAM		Non-hazardous substances	Proprietary	>80
StimStream SC 398	CHEMSTREAM	Scale Inhibitor	Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid) (BHMT)	34690-00-1	10.00%
Ammonium Persulfate	HEMSTREAM	Breaker	Ammonium Persulfate	7727-54-0	100.00%

A Diffice of Oil and Gas
APR 2 6 2022

May Department of May Ironmental Protection



CNX RESOURCES CORPORATION

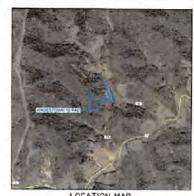
WADESTOWN 19 WELL PAD AS-BUILT

ENTRANCE LOCATION

NAD 83 - LAT: 39° 41' 52.08"; LONG: 80° 19' 56.20" NAD 27 - LAT: 39° 41' 51.79"; LONG: 80° 19' 56.92"

BATTELLE DISTRICT,
MONONGALIA COUNTY, WEST VIRGINIA
DATE: DECEMBER II, 2019





LOCATION MAI

WVDEP OOG ACCEPTED AS-BUILT

SHEET INDEX
DRAWING NAME
COVER SHEET
PLAN VIEW
PLAN VIEW WITH ORTHO
ACCESS ROAD PROFILE

I HEREBY CERTIFY THAT I AM A LICENSED ENGINEER IN THE STATE OF WEST VIRIGINA. THIS AS-BUILT CERTIFIES, TO THE BEST OF MY NAVINLENCE, INFORMATION AND BELIEF, THE WELL PAD CONSTRUCTED BY ANOLESSON EXCAVATION IN TYLER COUNTY, WIY ON BEHALF OF CINK RESOURCES CORPORATION. HAS REEN CONSTRUCTED BY BEHALF CONFIDENTIANCE TO THE PLANS AND SPECIFICATIONS AND, BY MY PROFESSIONAL OPINION, IS IN COMPLIANCE WITH APPLICABLE LAWK, CODES, AND EMBRANCES.

SIGNATURE: DATE:	127
SIGNATURE: TA-O GOLD DATE:	1,51



NOTE: DRAWING WAS CREATED ON 22x34 PAPER. HX17 DRAWINGS ARE HALF SCALE, REFER TO SCALE BAR FOR PROPER SCALING.

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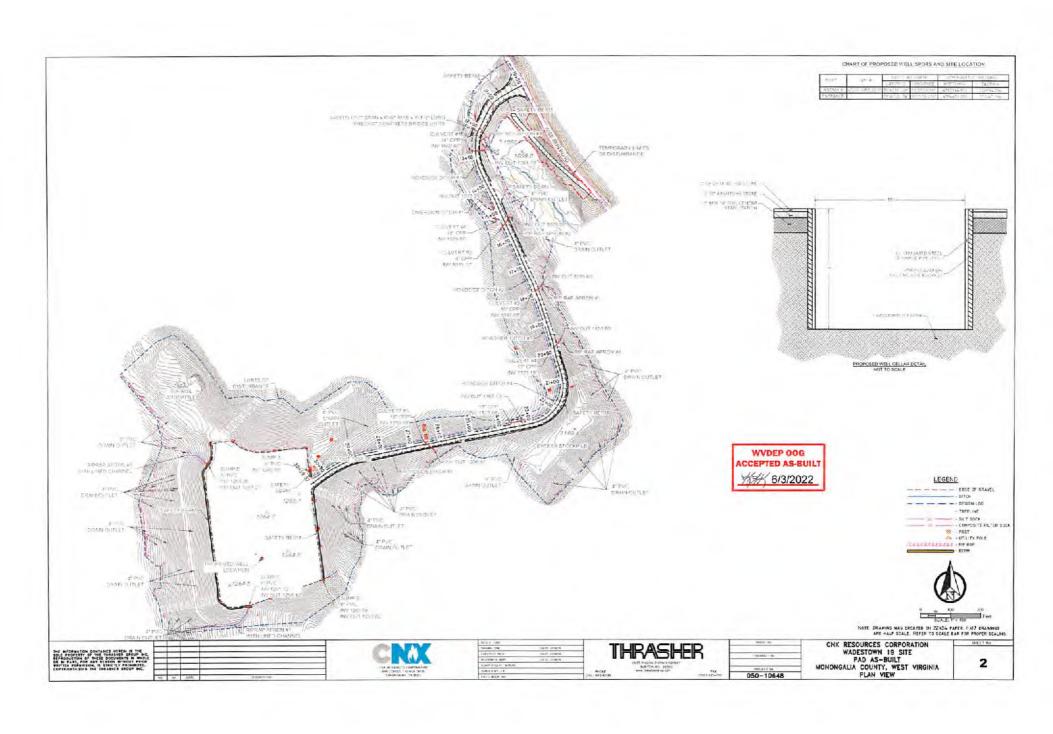
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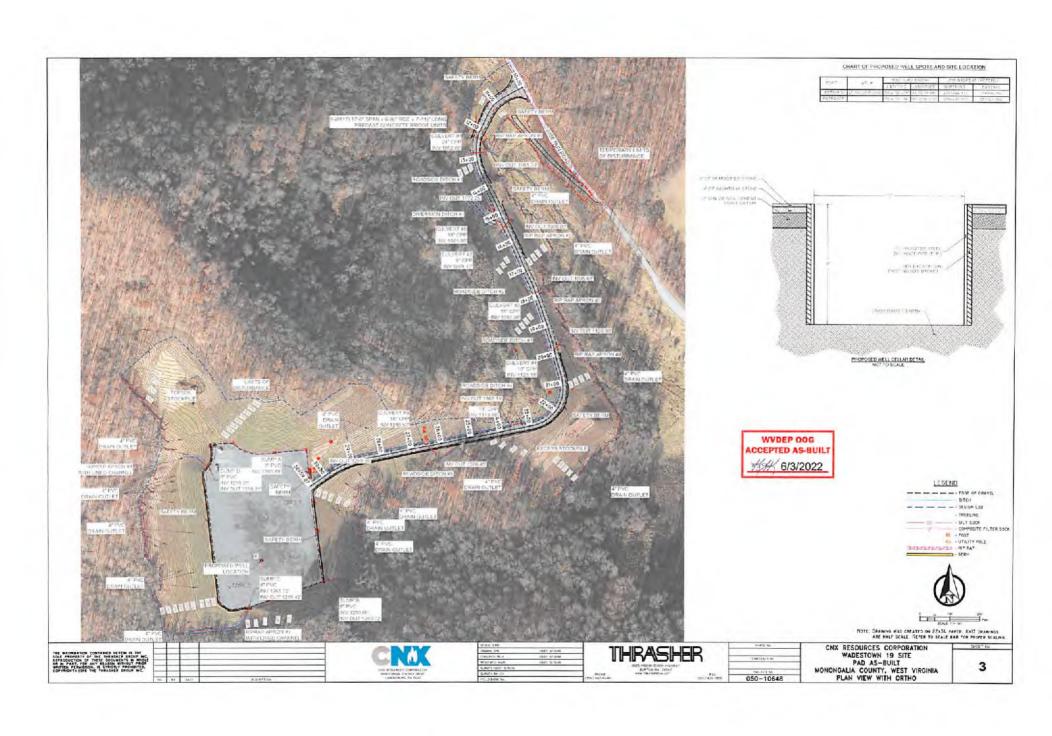
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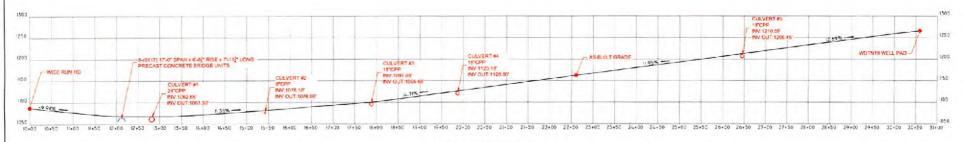
CNX	RESOURCES CORPORATION	Ī
	WADESTOWN 19 SITE PAD AS-BUILT	
MONON	ALIA COUNTY, WEST VIRGINI	1
	COVER SHEET	

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WADESTOWN 19 ACCESS ROAD PROFILE SCALE 1" + 50" MORIZONTAL 1" + 50" MERTICAL

> NOTE DRAWING WAS CREATED ON 22254 PAPER HAIT DRAWINGS ARE HALF SCALE. REFER TO SCALE BAR FOR FROME SCALING.

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		S ROAD		



EROSION & SEDIMENT CONTROL PLAN & SITE RESTORATION PLAN RECEIVED Office of Oil and Gas

WDTN19 WELL SITE MONONGALIA COUNTY, WEST VIRGINIA FOR





PROJECT NO. 1816010 SEPTEMBER 2018





	DISTURBAN	CE BREAKDOWN	
LANDOWNER	PROMACCESS ROAD & STOCKPLES (ACRES)	DISTURBANCE FROM WELL PACIT STOCKPLES (ACRES)	TEMPORARY DISTURBANCE (ACRES)
MEHAELL BERNHART LIMING TRUST 31-31-6-0009-0000	72	11.9	0.0
84/84R48 SHRVER 31-01-8-0012-0000	10	ep	0.4

STOP

Kenneth Greynolds DN. CN = Kenneth Greynolds email = Kenneth.

= Oil and Gas Date: 2022.04.14 08.47 23 -04'00

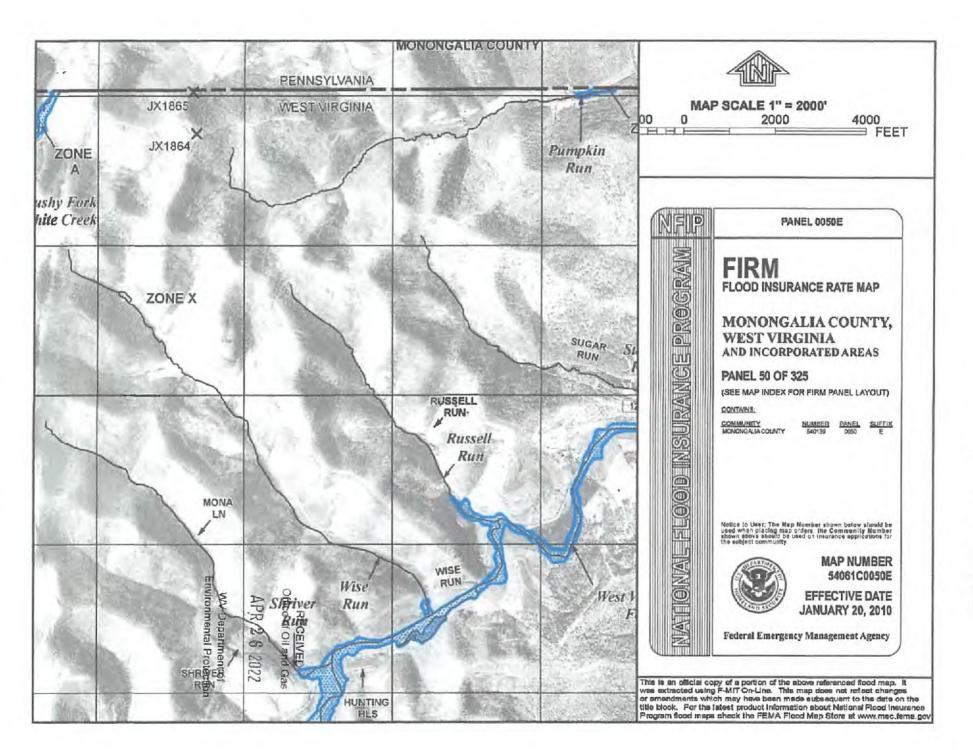
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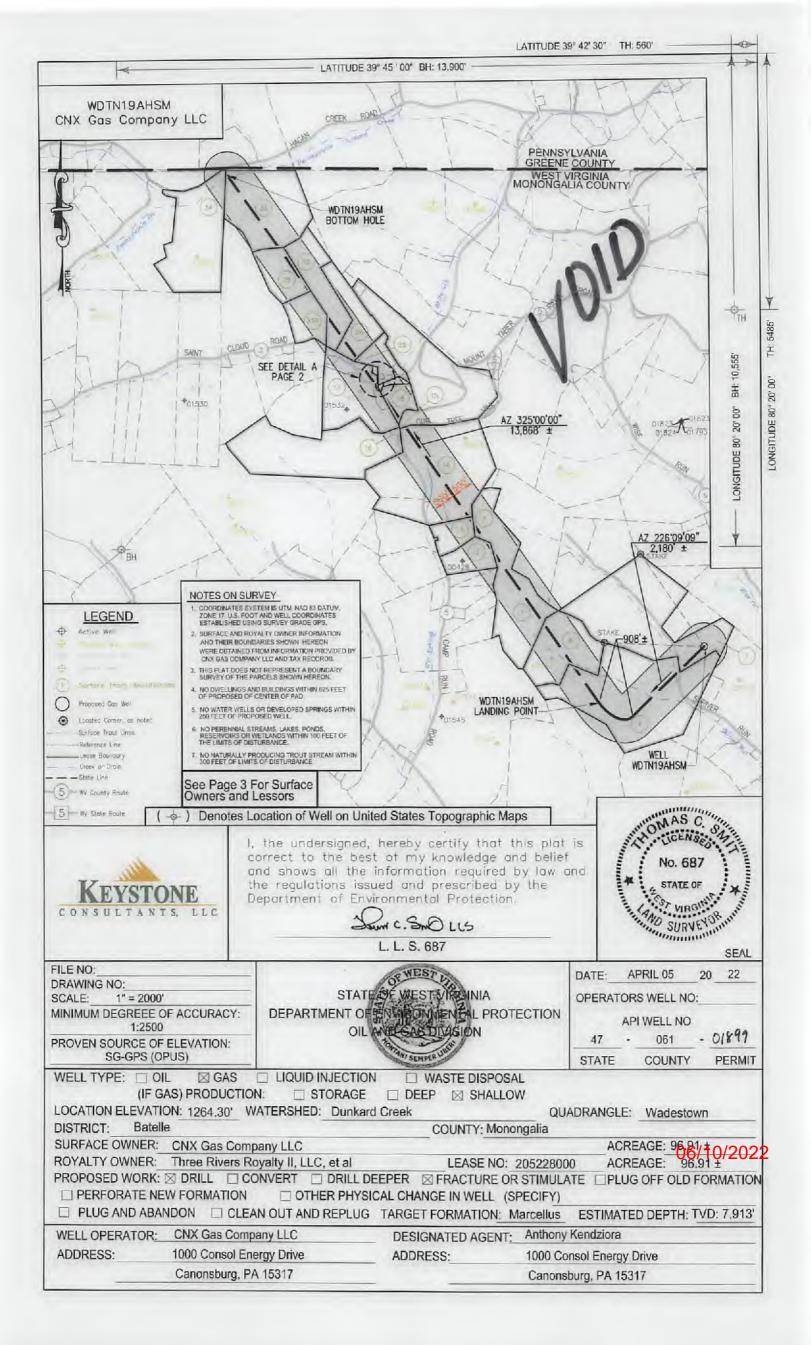
CGreynolds@wx.gov C = AD O = WVDEP OU DIEFFENBAUCH & HRITZ

WV Department of

_11	INDEX	
- 6	TITLE	PRAWING NO.
709	TITLE SHEET	1
	GENERAL NOTES	7
	EXPERING SITE PLAN	3
	SCES PLAN	
	OVERALL SITE PLAN	5
\neg	PROPOSED SITE PLAN	6+7
	ACCESS ROAD PROFILE	
	ACCESS ROAD CROSS SECTIONS	9
	WELL PAD TYPECAL SECTIONS	10
	STOCKPLE CROSS SECTIONS	NDA.
	TOG BENCH DETAILS	tt t
9	EAS DETAILS	12-14
E	SITE RESTORATION PLAN	15
	REVEGETATION PLAN	16:
	QUANTITY SUMMARY	17

4706101899 WDTN19AHSM 385 ft RECEIVED Office of Oil and Gas APR 2 6 2022 WV Department of Environmental Protection Legend Well Location Mined Out Date: 4/4/2022 Prepared By: GIS WDTN19AHSM Revisions: Approved By: Mine Workings Sealed Mine Area Mine Map Federal 2 This map is properly of CNX Resources Corp. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent. Remaining Coal Active Permit orgis gir lburiness_unit_supportiges_perneting:gp2) wdorf9/mine_mape/WDTN19ahom_mine_plan_mod — &con-





WDTN19AHSM CNX Gas Company LLC WDTN19AHSM 1" = 2000" Well References WDTN19AHSM = 2000' NAD 83, WV NORTH N: 435719,456 E: 1733449,107 LAT/LON DATUM NAD 83 LAT: 39'41'35.795 LON: 80°20'07.134° UTM 17 NAD 83 N: 4393561,422 E: 556291,677 NAD 83, WV NORTH E. 1731135.689 LAT/LON DATUM NAD 83 LON: 80"20"36,590 WDTN19 WELL PAD UTM 17 NAD 83 N: 4396982,029 E: 563810.524 NAD 83, WV NORTH MZHBEINTOWO MZHAEINDWO E: 1723181.6629 LAT/LON DATUM NAD 83 LAT: 39" 43' 15.662" LON: 80" 22' 19.750' OM AS C. CENSED 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 No. 687 the regulations issued and prescribed by the Department of Environmental Protection. KEYSTONE CONSULTANTS, NO SURVEYOR Jam c. Smo LLS L. L. S. 687 SEAL STATE OF WEST VINIA DEPARTMENT OF THE BOWNEN FAL PROTECTION OIL AND GAS DIASION FILE NO: DATE: APRIL 05 20 DRAWING NO: OPERATORS WELL NO 1" = 1000" SCALE: MINIMUM DEGREE OF ACCURACY: API WELL NO 1:2500 061 PROVEN SOURCE OF ELEVATION: PERMIT NGS CORS Station STATE COUNTY ☐ LIQUID INJECTION ☐ WASTE DISPOSAL WELL TYPE: ⊠ GAS TI OIL ☐ DEEP ⊠ SHALLOW (IF GAS) PRODUCTION: ☐ STORAGE QUADRANGLE: Wadestown 1264.30' WATERSHED: Dunkard Creek LOCATION ELEVATION: COUNTY: Monongalia Batelle DISTRICT: ACREAGE: 96.91 ± 066.1042022 CNX Gas Company LLC SURFACE OWNER: LEASE NO: 205228000 ROYALTY OWNER: Three Rivers Royalty II, LLC, et al PROPOSED WORK: ⊠ DRILL ☐ CONVERT ☐ DRILL DEEPER ☑ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ☐ PERFORATE NEW FORMATION □ PLUG AND ABANDON □ CLEAN OUT AND REPLUG TARGET FORMATION; Marcellus ESTIMATED DEPTH: TVD: 7,913' DESIGNATED AGENT: Anthony Kendziora WELL OPERATOR: CNX Gas Company LLC 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive ADDRESS: Canonsburg, PA 15317 Canonsburg, PA 15317

PAGE 3 OF 8

RACTID	SURFACE OWNER	LESSOR	1-8-9
1	CNX Gas Company LLC	Hugh Kirkland	
		Jack T. Livengood and Mary Jo Livengood	
		Barbara Haning	
		Diane H. Gonclaves, individually and co-executor of the	
		Edward Lee North Estate	
		Patrick Lee North	
		Melissa Kubishke	
		Catherine C. Kirkland	
		Louise H. Berg, as Trustee o the The Louise H. Berg Revocable	
		Trust	
		Sherry Lemons	
		Christine A. Kirkland, as Trustee of the Christine A. Kirkland Trust	
		Pamela Jayne Brewer, as Trustee of the Pamela Jayne Brewer	
		Revocable Trust	
		Stephen D. Kirkland and Julie D. Kirkland, Trustees of the	
		Kirkland Family Revocable Trust dated 9/2/1998	
		Catherine Haning Coleman, f/k/a Catherine G. Haning	
		Zachary C. Haning	
		Mary Hennen	
		A. E. Hennen, III	
		Morgan Haning	
		Sarah C. Sheridan	
		Kathleen Farmer	
		Anne W. Haning	
		David Michael Hennen	
		John K. Hennen	
		Robert Douglas Hennen	
		Elizabeth L. March	
		Three Rivers Royalty, II, LLC	
		Debora Rae Manning, a/k/a Deborah R. Manning, a/k/a Debora	
		R. Manning and Robert Manning, w/h	
		Kathryn Rew Becker and Michael Compton, w/h	
		BOKF, N.A. as Sole Trustee of the Alma Kirkland Revocable	
		Trust	
		Gail T. Bellucci	
		Northeast Natural Energy, LLC	
		The state of the s	
	Trans David Davidson FT 41	Mary Jane Beckner, Life Estate, widow and Troy David Beckner	1010
4	Troy David Beckner, ET AL	and Janet Lee Smith, Remaindermen, JTROS	1-8-10
		Antero Resources Corporation	
6	Troy David Beckner, ET AL	Elizabeth A Cosmides 6/k/s Elizabeth A Boundary	1-9-43
	noy bavid beckner, ET AL	Elizabeth A. Cosmides f/k/a Elizabeth A. Peppler	1-9-43
		Mary Jane Beckner, Life Estate, a widow;	
		Troy David Beckner and Janet Lee Smith, Remainderman as	
		Joint Tenants, both married persons dealing in their sole and	
		separate properties	
		Antero Resources Corporation	

06/10/2022



API WELL NO 47 - 061 -

STATE COUNTY PERMIT

PAGE 4 OF 8

CTID	SURFACE OWNER	LESSOR Rose Thomas aka Rose I Thomas	1
7	Rose Thomas, ET AL	Rose Thomas, aka Rose L. Thomas Sarah C. Sheridan, a married woman dealing in her sole and	
		Gail T. Bellucci, a married woman dealing in her sole and	
		separate property Hugh Kirkland	
		BOKF, NA, as Sole Trustee of the Alma Kirkland Revocable Trust	
		Sherry Lemons	
		Melissa Kubishke	
		Pamela Jayne Brewer, as Trustee of the Pamela Jayne Brewer	
		Revocable Trust	
		Stephen D. Kirkland and Julie D. Kirkland, Trustees of the	
		Kirkland Family Revocable Trust dated September 2, 1998	
		Louise H. Berg, Trustee of the Louise H. Berg Revocable Trust	
		Christine A. Kirkland, as Trustee of the Christine A. Kirkland	
		Trust	
		Catherine Kirkland	
		Dorothy A. Hammer, divorced	
		David B. Haines and Jeanette C. Haines, husband and wife	
		Barbara Thomas, a widow	
		Constance A. Corey, fka Constance Ann Haines and Robert	G N
		Corey, wife and husband	
		Lisa Craig, divorced	
		Kathleen Costner, fka Kathy Figueroa, divorced	
		Mark A. Macale, single	-
		Mike E. Macale, single	5
		June Fulton, fka Jane Fulton, herein dealing with her sole and	
		separate property	
		Faye B. Sigman, fka Faye Arnold Buckley, herein dealing with	
		her sole and separate property	
		Michelle Woods, f/k/a Michelle Brienne Haines, a married	
		woman, dealing in her sole and separate property	
		Terri Attinger fka Terri Devlin and Richard C. Attinger, wife and	
		husband	
		Jerilyn R. Baucum, married, herein dealing with her sole and	
		separate property	
		Julie Ann Griffis and Gary Griffis, wife and husband	
		William Lee Haines, Jr., herein dealing with his sole and	
		separate property	
		Phillip Ronald Laws Glynis Marion, f/k/a Glynis Lane	
		Larry J. Miller, Jr.	
		Pepe Patrick Jack Miller, fka Pat Miller and Kelly Anne Miller,	
		husband and wife	
		Kris Laws Miller and Robin McClary, her wife	
		Raymond Wayne Frye, divorced	
		Rosalie J. Capshaw, widowed	
		Jean Banks, a widow	
		Kathleen Farmer, a married woman dealing in her sole and	
		separate property	
		A. E. Hennen, III, a married man dealing in his sole and	
		separate property	
		John K. Hennen, a single man	
		David Michael Hennen, a married man dealing in his sole and	
		separate property	
		Mary Hennen, a single woman	
		Robert Douglas Hennen, a single man	
		Morgan Haning	
		Anne W. Haning, a single woman	
		Zachary C. Haning, a married man dealing in his sole and	
		separate property	
		Catherine Haning Coleman	
		A MORNING	
		Carlos Saucedo	
		Ezra Charles McDaniel	
		Patrick James Saucedo	
		Backing Hard	
		Barbara Haning	
		Patrick Lee North, individually and as co-executor of the	
		Edward Lee North Estate	
		Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate	
		Shawn R. Haines, single Jerry R. Haines, II, a married man, dealing with his sole and	
		separate property	
		Tonya Huntoon, a married woman, dealing in her sole and	

06/10/2022

KEYSTONE CONSULTANTS, LLC

API WELL NO

47

061

STATE

COUNTY

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PAGE 5 OF 8

		THOL O'C	Lances	PIN
TRACT ID	SURFACE OWN	ER	LESSOR George Shriver, himself and as Guardian of J. M. Shriver	1-9-40
12	Agreement No. 291925000 Ro	se Thomas, ET AL	Lucy White and Edward White, her husband Dennis Haines, F.E. Liming and Ethel Liming, his wife Dennis Haines, F.E. Liming and Ethel Liming, his wife Dennis Haines, F.E. Liming and Ethel Liming, his wife The Philadelphia Company of West Virginia Pittsburgh and West Virginia Gas Company Equitable Gas Company Equitrans, Inc Equitrans, L.P. Tri-County Oil & Gas, Inc, Leatherwood, Inc.	

13	Rose Thomas, ET AL	Rose Thomas, aka Rose L. Thomas	1-9-40.2
15		Sarah C. Sheridan, a married woman dealing in her sole and	
		separate property	
		Gail T. Bellucci, a married woman dealing in her sole and	
		senarate property	
		BOKE, NA. as Sole Trustee of the Alma Kirkland Revocable Trust	
		Sherry Lemons, a married woman dealing in her sole and separate property	
		Melissa Kubishke, a married woman dealing in her sole and separate property	
		Pamela Jayne Brewer, as Trustee of the Ramela Jayne Brewer Revocable Trust	
		Stephen D. Kirkland and Julie D. Kirkland, Trustees of the Kirkland Family Revocable Trust dated September 2, 1998	
		Louise H. Berg, as Trustee of the Louise H. Berg Revocable Trust	
		Christine A. Kirkland. as Trustee of the Christine A. Kirkland Trust	
		Catherine C. Kirkland, a single woman	
		Morgan Haning	
		Anne W. Haning, a single woman	
		Zachary C. Haning. a married man dealing in his sole and separate property	
		Catherine Haning Coleman	
		Kathleen Farmer, a married woman dealing in her sole and separate property	
		A. E. Hennen, III, a married man dealing in his sole and	
		separate property	
		John K. Hennen, a single man	
		David Michael Hennen, a married man dealing in his sole and separate property	
		Mary Hennen, a single woman	
		Robert Douglas Hennen, a single man	
		Barbara Haning	
		Hugh Kirkland, a married man dealing in his sole and separate property	
		Patrick Lee North, individually and as co-executor of the Edward Lee North Estate	
		Diane H. Goncalves, individually and as co-executor of the Edward Lee North Estate	

14	Richard J & Linda Ann Cassone	John Samuel Stewart, a married man acting with his sole and separate property	1-9-18
14	Curtis L & Diana B Thomas	Samuel William Stewart and Barbara C. Stewart, individually	1-9-18.1
	caras e a bidila b filolilas	and as husband and wife	1-9-18.3
14	Zachary R & Jacqueline E Phillips		1-9-18.2
		Merrion Oil and Gas Corporation	
		Hu's Land & Minerals, LLC	
		EQT Production Company	
			06/10/202
		Richard J. Cassone and Linda Ann Cassone, husband and wife	
		Harold Creel and Martha Ann Creel, husband and wife	
		James Creel, a married man dealing in his sole and separate property	

KEYSTONE CONSULTANTS, LLC

API WELL NO

47 - 061

STATE COUNTY PERMIT

ACT ID	SURFACE OWNER	LESSOR	PIN	
	Glenn Lowell While & Sharron	Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder, a/k/a/,	1-9-16	
15	Ruth White Bartholomew	Elizabeth Snyder Martineau	1-3-10	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley		
		Insuran Provides		
		James Brant Snyder Sharon White Bartholomew, a/k/a Sharon R. W. Bartholomew,		
		a/k/a, Sharon Ruth White Bartholomew		
		David T. White and Sarah K. White, h/w		
		Glenn L. White, individually and as trustee of Glenn L. White		
		Trust		
		Alice T. Boone		
		Eldon Bryant Tucker and Brenda Sue Tucker		
		Charles Tucker and Barbara Arpino-Tucker Robert Earl Tucker and Patricia Ruth Tucker		
		David Tucker		
		James Tucker and Flora Siu Tucker		
		Cheryl Molesky		
		Laurence D. Hare		
		James F. Hare III and Christine A. Hare		
		Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living Trust		
		THOREWAY EATING THESE		
		XTO Energy, Inc.		
16	CONSOL Mining Company LLC	Bounty Mineral, LLC	1-9-19	
17	Glenn L White Trust & Phyliss Jean White Trust	Marian Rebecca Stone Garrett	1-9-9	
		Patricia Kathleen White Hoekstra	1-9-9.2	
17	Blaine Huff	and the state of t	1-9-9.4	
17	Michael Todd Stiles & Charles W Stiles	David C. White a/k/a David Charles White and Regina S. White a/k/a Regina Sue White	1-9-9.5	
17	CNX CPC LLC	Carol Sue Davis	1-9-9.6	
		Richard H. Benson, II		
		Edwin Ray White, II		
		Anita Susan Talbott		
		Robert L. Tate, Jr. Robert S. Elliott		1
		Donald Edward Stone		
		Doris Jean White		
		David Ray Stone		
		Bettyann Reed		
		Mary Ann Borkowski and Marc Borkowski		
		Jan W. Ellison and Thomas A. Ellison Jane W. McIntyre and Glenn C. McIntyre		
		Lucy Mae Stickley		
		Nancy Emerick		
		Marsha W. Byers and Stephen R. Byers		
		Edith B. White (Daniel Reed White Heirs)		
		Alvy Scott White		
		Karen Imogene Meyer Candace L. McPheron		
		Howard L. Leckey		
		Dennis F. Hatton, Jr.		
		Melinda Reid Hatton		
		Three Rivers Royalty II, LLC		
		Frederick C. Tate		
		Amanda Hatton		
10		The state of the s		1
18	CNX RCPC LLC	Terra Firma Company	1-9-15.3	
21	Michael Todd Stiles, ET AL	Michael Todd Stiles, a single man	1-9-15	
		Charles W. Stiles, a single man Ralph Benjamin Henderson, a/k/a Benjamin Henderson, single	06/	10/20
		David W. Henderson		
		Mary K. Martindale, a/k/a Mary Kay Martindale, widow		
		Nancy Edward Henderson, a/k/a Nancy Henderson, single Jeanne E, Bryner, a/k/a E. Jeanne Bryner		

CONSULTANTS, LLC

STATE COUNTY

PERMIT

PAGE 7 OF 8

LESSOR	PIN	
Marian Rebecca Stone Garrett	1-9-10	
Carol Sue Davis		
Richard H. Benson, II		
Edwin Ray White, II		
Donald Edward Stone		
Doris Jean White		
David Ray Stone		
Lucy Mae Stickley		
Nancy Emerick		
Marsha W. Byers and Stephen R. Byers	-	
	0	
Candace L. McPheron		
Howard L. Leckey		
Melinda Reid Hatton		
Three Rivers Royalty II, LLC		
Frederick C. Tate		
Dennis F. Hatton, Jr.		
Amanda Hatton		
Marian Rebecca Stone Garrett Patricia Kathleen White Hoekstra	1-9-9.3	
David C. White a/k/a David Charles White and Regina S. White		
Carol Sue Davis		
Richard H. Benson, II		
Edwin Ray White, II		
Doris Jean White		
David Ray Stone		
Bettyann Reed		
Nancy Emerick		
Marsha W. Byers and Stephen R. Byers		
Edith B. White (Daniel Reed White Heirs)		
Alvy Scott White		
Melinda Reid Hatton		
Three Rivers Royalty II, LLC		
Frederick C. Tate		
Dennis F. Hatton, Jr.		
Amanda Hatton		
Ralph Reniamin Handows - 4/4 Bastastast	1-9-11	
	1-9-12	
Nancy Edwards Henderson, a/k/a Nancy Henderson	1-9-14	06/10/202
Ionna C Dames - //- /		
Jeanne E. Bryner, a/k/a Jeanne Bryner Mary K. Martindale, a/k/a Mary Kay Martindale	8	
Jeanne E. Bryner, a/k/a Jeanne Bryner Mary K. Martindale, a/k/a Mary Kay Martindale David W. Henderson		
Mary K. Martindale, a/k/a Mary Kay Martindale		
Mary K. Martindale, a/k/a Mary Kay Martindale David W. Henderson Gary A. Stiles, a/k/a Gary Allen Stiles, by Bertha J. Stiles, as AIF	API WELL NO	
	Patricia Kathleen White Hoekstra David C. White afk/a David Charles White and Regina S. White afk/a Regina Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Talbott Robert I. Tate, Jr. Robert S. Elliott Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. McIntyre and Glenn C. McIntyre Lucy Mae Stickley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Melinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Dennis F. Hatton, Jr. Amanda Hatton Marian Rebecca Stone Garrett Patricia Kathleen White Hoekstra David C. White afk/a David Charles White and Regina S. White a/k/a Regina Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Talbott Robert L. Tate, Jr. Robert S. Elliott Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. McIntyre and Glenn C. McIntyre Lucy Mae Stickley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Melinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate	Patricia Kathleen White Hookstra David C. White a/k/a David Charles White and Regina S. White a/k/a Regina Sue White Carol Sue Davis Richard H. Benson, II Edwin Ray White, II Anita Susan Talbott Robert L. Tate, Jr. Robert S. Elliost Donald Edward Stone Doris Iean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. McIntyre and Glenn C. McIntyre Lucy Mae Stickley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Melinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Dennis F. Hatton, Jr. Amanda Hattor Marian Rebecca Stone Garrett Patricia Kathleen White Hoekstra David C. White a/k/a David Charles White and Regina S. White a/k/a Regina Sue White Carol Sue Davids Richard H. Benson, II Edwin Ray White, II Anita Susan Talbott Robert L. Tate, Jr. Robert S. Elliost Donald Edward Stone Doris Jean White David Ray Stone Bettyann Reed Mary Ann Borkowski and Marc Borkowski Jan W. Ellison and Thomas A. Ellison Jane W. McIntyre and Glenn C. McIntyre Lucy Mae Stickley Nancy Emerick Marsha W. Byers and Stephen R. Byers Edith B. White (Daniel Reed White Heirs) Alvy Scott White Karen Imogene Meyer Candace L. McPheron Howard L. Leckey Melinda Reid Hatton Three Rivers Royalty II, LLC Frederick C. Tate Dennis F. Hatton, Jr. Amanda Hatton Three Rivers Royalty II, LLC Frederick C. Tate Dennis F. Hatton, Jr. Amanda Hatton

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STATE COUNTY PERMIT

PAGE 8 OF 8

TRACTID	SURFACE OWNER	LESSOR	PIN
26	Gram P Herod & Lisa R Lambert	James L. Laurita, Sr. Family Limited Partnership, a West Virginia Limited Partnership by JTT. LLC it's General Partner	1-2-10
		Shuman, Inc.	
27B	Kevin Hartley, ET UX., ET AL	Kevin Hartley and Linda Hartley, h/w	1-2-9
29	Paul David & Hope A Beck	Bounty Minerals, LLC	1-2-8
		Chrysanthe E. Taylor a/k/a Chris Taylor, a widowed woman, by Bradley K. Taylor, as Attorney-in-Fact	
		Linda Suzann Miller, as Trustee for the Generation-Skipping Trust FBO Linda Suzann Miller under the Last Will and Testament of Pauline M. Taylor dated August 24. 2001	
		Larry C. Taylor, as Trustee for the Generation-Skipping Trust FBO Larry C. Taylor under the Last Will and Testament of Pauline M. Taylor dated August 24. 2001	
		Dixie Taylor Sturm	
32	Gram P Herod & Lisa R Lambert	James L. Laurita Sr. Family Limited Partnership by JTT, LLC, it's General Partner	1-2-11
		Shuman, Inc.	
33	CONSOL Mining Company LLC	Flossie Kimble, widow of S. E. Kimble, Denzle Kimble and Olive Irene Wright Kimble, h/w	1-2-12
		Consolidation Coal Company	
34	CONSOL Mining Company LLC	Flossie Kimble, widow of S. E. Kimble, Denzle Kimble and Olive Irene Wright Kimble, h/w	1-2-5
		Consolidation Coal Company	
		Aliakbar Afshari	
		Amir H. Mohammadi	
		EQT Production Company	

06/10/2022



API WELL NO 47 - 061

STATE COUNTY

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