



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, August 29, 2022
WELL WORK PERMIT
Horizontal 6A / New Drill

CNX GAS COMPANY LLC
1000 CONSOL ENERGY DR
CANONSBURG, PA 15317

Re: Permit approval for WDTN19EHSM
47-061-01903-00-00

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.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin
Chief

Operator's Well Number: WDTN19EHSM
Farm Name: CNX GAS COMPANY LLC
U.S. WELL NUMBER: 47-061-01903-00-00
Horizontal 6A New Drill
Date Issued: 8/29/2022

Promoting a healthy environment.

09/02/2022

PERMIT CONDITIONS

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: 4706101903

PERMIT CONDITIONS

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 DEFOOGNotify@wv.gov.

09/02/2022

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

1) Well Operator: CNX Gas Company LLC 494458046 Monongalia Batelle Wadestown
 Operator ID County District Quadrangle

2) Operator's Well Number: WDTN19EHSM Well Pad Name: WDTN19

3) Farm Name/Surface Owner: CNX Gas Company LLC Public Road Access: Wise Run Road/CR6

4) Elevation, current ground: 1264.30 Elevation, proposed post-construction: 1264.30

5) Well Type (a) Gas Oil _____ Underground Storage _____
 Other _____

(b) If Gas Shallow Deep _____
 Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target formation is Marcellus Shale @ 7880' - 7930'TVD, 50' thick, expected formation pressure ~4600 psi ✓

8) Proposed Total Vertical Depth: 7913'TVD at TD, depending on formation dip ✓

9) Formation at Total Vertical Depth: Marcellus Shale (will not penetrate Onondaga) ✓

10) Proposed Total Measured Depth: 23,064' MD at TD ✓

11) Proposed Horizontal Leg Length: 14,668'

12) Approximate Fresh Water Strata Depths: 125', 584', 845', 933', 938' ✓

13) Method to Determine Fresh Water Depths: Offset well Information

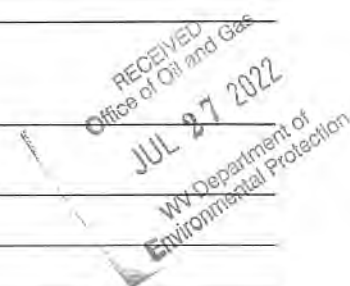
14) Approximate Saltwater Depths: 2,419', 2,509', 3,139' ✓

15) Approximate Coal Seam Depths: 708'-711', 966'-972', 1029-1031, 1054'-1059', 1060'-1068' ✓

16) Approximate Depth to Possible Void (coal mine, karst, other): None Anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: see mine map
 Depth: _____
 Seam: _____
 Owner: _____



18) **CASING AND TUBING PROGRAM**

TYPE	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
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	23,064	23,035	4,735 / TOC @ 1,550'
Tubing	2.375	New	J-55	4.7	Above assumes RF = 29'	TBD	N/A
Liners	NA						

Kenneth Greynolds
Digitally signed by: Kenneth Greynolds
DN: cn = Kenneth Greynolds email = kgreynolds, o = WVDOT, ou = WVDEP CU - Oil and Gas
Date: 2022.08.02 15:24:45 -0400

TYPE	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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							

RECEIVED
AUG 03 2022
By 006

PACKERS

Kind:	N/A			
Sizes:				
Depths Set:				

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 TOO H 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.

*Note: Attach additional sheets as needed.

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.



DRILLING WELL PLAN
WDTN-19E-HSM (Marcellus HZ)
Marcellus Shale Horizontal
Monongalia County, WV

WDTN-19E-HSM SHL

N 435744.1979, E 1764898.4483 (NAD27)

Ground Elevation

1264' GL Elevation

WDTN-19E-HSM LP

N 435040.8216, E 1764530.4705 (NAD27)

Azimuth

320°

WDTN-19E-HSM BHL

N 423025.7921, E 1772943.4848 (NAD27)

WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	Tops (RKB)		MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
				MD	MD					
	24"	20" L/S	Soil and Rock			AIR	To Surface	N/A	N/A	Stabilize surface fill/soil
			Conductor	129	129					
	17-1/2"	13-3/8" 54.5# J-55 BTC	DFGW		208	AIR / FW Mist	15.8 ppg Class A + 1% to 3% CaCl2 + 1/4 pps Flake 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface Bow spring centralizers	Ensure the hole is clean at section TD	Set through fresh water zones Set through coal zones Cemented to surface 13-3/8" shoe NOT to be set deeper than ground level
			Waynesburg Coal		708					
			Pittsburgh Coal (Solid)		1,060					
			FW/Coal Casing	1,135	1,135					
	12-1/4"	9-5/8" 36.0# J-55 LTC	Upper Freeport Coal		1,644	AIR / Soap	15.8 ppg Class A + 0% to 2% CaCl2 + 1/4 pps Flake 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface Bow spring centralizers	Soap the hole as needed and ensure the hole is clean at section TD	Set through potential salt water zones Cemented to surface Casing to be set ~200'-250' below the Big Injun base
			Lower Freeport Coal		1,685					
			Middle Kittanning Coal		1,808					
			Big Lime		2,419					
			Keener Sand		2,479					
			Big Injun Sand		2,509					
			Price Formation		2,690					
	Intermediate Casing	2,960	2,960							
	8-3/4" Tangent 8-1/2" Curve & Lateral	5-1/2" 20.0# P-110 VAR	50 Foot		3,079	AIR	15.0 ppg Class A 50:50 Poz with additives (retarder, suspension agent, gas block, defoamer, fluid loss, extender, etc.) 10% OH Excess Yield = 1.07 TOC @ >= 200' above 9-5/8" shoe	Centralize every joint from shoe to KOP - TOC Single-piece/rigid bow centralizers	Once at TD, circulate at max flowrate with max rotation until shakers clean-up (typically requires multiple bottoms-up) Once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement	Note: For all strings, actual centralizer placements may be changed due to hole conditions Note: For all strings, actual cement blends may vary slightly depending upon service company utilized
			Gordon		3,139					
			Fifth		3,304					
			Bayard		3,351					
			Elks		5,289					
			Rhinestreet		7,406					
Cashaqua				7,672						
Burkett				7,788						
Tully				7,815						
Hamilton				7,851						
Marcellus		7,880								
Production Casing	23,064	7,913								

LP @ +/- 7913' TVD

8-3/4" x 8-1/2" Hole - Cemented Long String
5-1/2" 20.0# P-110 VAR

+/- 14669' Lateral

TD @ +/- 23064' TVD

4706101903

WW-9
(4/16)

4706101903

API Number 47 - _____ - _____
Operator's Well No. WDTN19EHSM

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX Gas Company LLC OP Code 494458046

Watershed (HUC 10) Dunkard Creek Quadrangle Wadestown

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

Will a pit be used? Yes No

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 Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain N/A no pits used)

Will closed loop system be used? If so, describe: Yes, rig pit system with centrifuges for barite recovery and maximizing fluid reuse.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical air from spudsurface to curve kick-off point (KCOP)

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

Additives to be used in drilling medium? Bactericide, Polymers, and weighting agents

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

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

-Landfill or offsite name/permit number? See Attachment

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

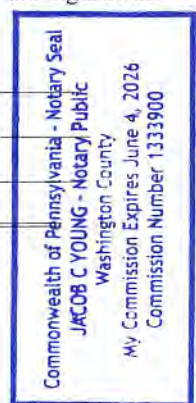
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Sarah Weigand
Company Official (Typed Name) Sarah Weigand
Company Official Title Manager Permitting Services

Subscribed and sworn before me this 26th day of July, 2022
Jacob C Young Notary Public

My commission expires 6/4/2026



09/02/2022

A	B	C	D	E	F	G	H
1 Type of Waste	Disposal Company Name	Disposal Location	Disposal Location Cos	Well ID / Name	Permit # (if applicable)	Accepted Waste Streams	Disposal Company Contact Information
2 Non-Haz Disosal	Apex Sanitary Landfill (Apex Environmental)**	11 County Road 78 Amsterdam, Ohio 43903	N/A	Apex Environmental Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Solidification Services, Municipal Solid Waste **Ohio "TENORM" - requires Radium 226/228 analysis by load before leaving the well pad. Solid waste landfills in Ohio can only accept TENORM waste with combined concentration less than 5 picocuries per gram above the natural background level.	Landfill Office: (740) 543-4389 Dave Brown 412-848-1828, dbrown@ApexLF.com
3 Brine Injection - Treatment	Appalachian Water Services (Nuverra Environmental Solutions)	2326 McClellandtown Road, Masontown, PA 15461	39.853056, -79.924786	Appalachian Water	WMGR GP No. 1235W001 WQM Industrial Waste Permit No.: 2608201 A-2	Brine (Produced Water) and oily water from compressor stations.	Rob Bealko 304-291-0383 Office 304-282-8814 Cell rob.bealko@nuverra.com Office: 740-609-3800
4 Brine Injection - Treatment	Austin Master Services	801 N 1st St, Martins Ferry, OH 43935	40.105200, - 80.711630	N/A	N/A	Brine (Produced Water)	Jack Bement CEO Austin Master Services LLC 355 Circle of Progress Pottstown PA, 19464 Ph:(585) 704-2744 Fax: 484 624-5506 Office: 740-609-3800
5 RW & TENORM	Austin Master Services	801 N 1st St, Martins Ferry, OH 43935	40.105200, - 80.711630	N/A	N/A	Non-radioactive material, low level radioactive material, (NORM/TENORM), and high level TENORM material handling, storage, downblending, transport/loading to rail, tank cleaning, radiological sampling/testing analysis/lab.	Jack Bement CEO Austin Master Services LLC 355 Circle of Progress Pottstown PA, 19464 Ph:(585) 704-2744 Fax: 484 624-5506
6 RW & TENORM	Belmont Solids Control	78405 Cadiz-New Athens Rd, Cadiz, OH 43907	40.233830, - 81.003300	N/A	N/A	Non-radioactive material, low level radioactive material, (NORM/TENORM), and high level TENORM material handling, storage, downblending, transport/loading to rail, tank cleaning, radiological sampling/testing analysis/lab.	Dave Brown 412-848-1828 Mark Winsap 330-692-0423; dbrown@ApexLF.com
7 Brine Injection - Treatment	Cambrian Well Services - Kemble (Orr Petroleum Corporation)	Zanesville, Muskingum County, Perry Township, OH	39.974954, -81.845389	Kemble 1-D (SWIW#28)	34-119-2-6780	Brine (Produced Water)	Bob Orr 740-796-6495 614-648-8898 orropetro@gmail.com
8 Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	37.087460, - 82.047918	BPC01	VAS2D960BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
9 Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	37.222201, - 81.959987	N26	VAS2D930BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
10 Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	37.184198, - 82.082549	U7	VAS2D926BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
11 Brine Injection - Treatment	CNX Resources Corporation	Russell County, VA	37.120547, - 81.961222	AW114A	VAS2D970BRUS	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
12 Brine Injection - Treatment	CNX Resources Corporation	Buchanan County, VA	37.147934, - 82.075320	Ball Well	VAS52D921BBUC	CNX Owned UIC SWIWs: Frac water, brine, produced water	Contact Ops Groups
13 Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Warren Township, OH	39.426278, - 81.502379	Order No. 2015-452; Vocational School No. 2 Well; SWIW No. 20	API # 34-167-2-9543-00-00	Brine (Produced Water)	Wes Mossor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.371.5078 ext. 206 Cell: 304.588.0936
14 Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Warren Township, OH	39.425172, - 81.507900	Order No. 2015-582; Heinrich Unit #2 Well, SWIW No. 22	API # 34-167-2-9464-00-00	Brine (Produced Water)	Wes Mossor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.371.5078 ext. 206 Cell: 304.588.0936
15 Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Warren Township, OH	39.429867, - 81.511020	Order No. 2015-581; Heinrich Unit #1 Well, SWIW No. 21	API # 34-167-2-9445-00-00	Brine (Produced Water)	Wes Mossor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.371.5078 ext. 206 Cell: 304.588.0936
16 Brine Injection - Treatment	DeepRock Disposal Solutions	Washington County, Marietta Township, OH	39.402842, - 81.476913	Order No. 2019-79; American Growers No. 1 Well, SWIW No. 26	API # 34-167-2-9766-00-00	Brine (Produced Water)	Wes Mossor General Manager wesm@deeprockds.com DeepRock Disposal Solutions LLC Office: 740.371.5078 ext. 206 Cell: 304.588.0936

4706101903

A	B	C	D	E	F	G	H	
17	RW & TENORM	Empire Fluid Solutions (Formerly Troo Clean)	41540 National Road Belmont, OH 43718	40.0687, -81.04963	N/A	N/A	Non-radioactive material, low level radioactive material (NORM/TENORM) material handling, storage, downblending, transport/loading to rail, tank cleaning, radiological sampling/testing analysis/lab. Non-radioactive material & radioactive material handling (NORM/TENORM), solids separation, material downblending, tank cleaning, radiological sampling/testing analysis/lab. Liquid/semi-solids treatment and separation for waste disposal.	Orin David Orin.david@trooclean.com 918-413-6426
18	Brine Injection - Treatment	Environmental Energy Services LLC (Force, Inc.)	Muskingum County, Perry Township, OH	39.973643, -81.825727	Pattison Trust No. 1-D (SWIW #30)	API # 34-119-2-8803	Brine (Produced Water)	Bryan Force Mobile: 412.289.0069 Office: 724.465.9399 bforce@forceincorporated.com
19	Brine Injection - Treatment	Environmental Energy Services LLC (Force, Inc.)	Barnsville, Belmont County, OH	NEED	Buckeye UIC Barnsville (SWIW #2)	34-013-2-0609 UIC #609	Frac water, brine, produced water	Bryan Force Mobile: 412.289.0069 Office: 724.465.9399 bforce@forceincorporated.com
20	RW & TENORM	Fluid Management Solutions (FMS)	5445 US-40 East, Triadelphia, WV 26059	40.06886, -80.61492	N/A	N/A	Cement Water, Oil Base, Drill Mud, Water Base, Cellar Clean Outs ex. Also they do washouts and they have storage capacity at 2000bbl for 10lb brine and 10.5lb brine.	Kevin Flaherty (412)973-2586
21	Brine Injection - Treatment	Gas Field Services, Inc.	200 Camp Creek Road, Camp Creek, WV 25820	37.495138, -81.105161	Camp Creek Disposal Well	UIC: UIC2D0550319 API: 47-055-00319	Class II injection fluids that are in connection with conventional oil or gas production and may be commingled with waste waters from gas plants unless those waters are classified as hazardous wastes at the time of injection.	Zachery Reed zachery4@yahoo.com PO Box 555, Rosedale, VA 24280 Phone: (276) 880-2323
22	Brine Injection - Treatment	Greene County Water Treatment, Inc.	401 Jefferson Rd. Waynesburg, PA 15370	39.908611, -80.141111	Waynesburg Facility	WMGR1235W010	Oil and Gas Fluids with minimal oil and solids present	Gary Carpenter 267-246-6176 JRBGCarpenter@aol.com Office: (800) 270-9900
23	RW & TENORM	Ground Tech LLC	240 Sinter Court, Youngstown, OH 44510	41.113260, -80.674500	N/A	N/A	Non-radioactive material, low level radioactive material, (NORM/TENORM), and high level TENORM material handling, storage, downblending, transport/loading to rail, tank cleaning, radiological sampling/testing analysis/lab.	Larry Chamberlain 330-998-5919 lchamberlain@tvc-inc.com
24	Brine Injection - Treatment	Hydro Recovery	572 Route 18 Burgettstown, PA 15021	40.422874, -80.426125	Burgettstown Facility	WMGR1235W019	Oil and Gas Fluids with minimal oil and solids present	Ashley Cromley 570-394-4450 Ashley.cromley@hydrorecoverylp.com
25	Non-Haz Disposal	Mascaro & Sons- Wetzel Co LF	1521 Wetzel County Landfill Rd. New Martinsville, WV 26155	N/A	Wetzel County Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings/Frac Sand, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Process Waste, Municipal Solid Waste	Terry Gadd terry.gadd@jpmascaro.com, 610-636-4133
26	RW & TENORM	Mud Masters LLC	64054 Wintergreen Rd Lore City, OH 43725	40.027531, -81.449219	N/A	N/A	Non-radioactive material, low level radioactive material (NORM/TENORM), and high level TENORM material handling, storage, and transport. (TENORM downblending of low level TENORM material (< 85 pCi) on-site. High level TENORM (< 85 pCi) materials will be directed to Austin Master Services in Martins Ferry, Ohio by Ground Tech).	Paul Williams 740-995-0684 mudmasterspw@gmail.com Billing Address: 739 Southgate Pkwy, Cambridge, Ohio 43725
27	Non-Haz Disposal	MXI Environmental Services LLC	2619 Old Trail Road Abingdon, VA 24210				Spencer to complete	John Twiddy johnht@mxinc.com 276-628-8636 ext. 202; 276-608-0003 Cell
28	Non-Haz Disposal	Noble Environmental Landfill (Former Westmoreland Waste)	111 Conner Lane, Belle Vernon, PA 15012	N/A	Noble / Westmoreland Sanitary Landfill		Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Friable Asbestos, Non-Friable Asbestos, Municipal Solid Waste	Customer Service: (724) 929-7694
29	RW & TENORM	Pressure Tech	7675 East Pike Norwich, Ohio 43767	39.97415, -81.844765	N/A	N/A	Non-TENORM wastes including cement water and oil or water based drilling mud only. Are not to accept waste that is known to have elevated levels of TENORM or compressor station water.	Bob Orr: 614-648-8898
30	Oil & Oily Water Treat - Recycle	Quala	515 Industrial Blvd., Wooster, OH 44691	N/A	N/A	N/A	Non-hazardous wastewater, transportation, treatment and disposal facility. Also offer transportation and solidification services.	330-264-8080 (O) jlater@quala.us.com
31	Non-Haz Disposal	Republic Services - Carbon-Limestone**	8100 S State Line Rd, Lowellville, OH 44436	N/A	Carbon-Limestone Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste **Ohio "TENORM" - requires Radium 226/228 analysis by load before leaving the well pad. Solid waste landfills in Ohio can only accept TENORM waste with combined concentration less than 5 picocuries per gram above the natural background level.	Jack Palermo - jpalermo@republicservices.com, 330-536-7575
32	Non-Haz Disposal	Republic Services - Imperial (Allied Waste of PA)	11 Boggs Rd, Imperial, PA 15126	N/A	Imperial Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings/Frac Sand, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Friable Asbestos, Non-Friable Asbestos, Municipal Solid Waste	Jack Palermo - jpalermo@republicservices.com, 330-536-7575
33	Non-Haz Disposal	Republic Services - Short Creek	North Fork Short Creek Road, Wheeling, WV 26003	N/A	Short Creek Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings/Frac Sand, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Municipal Solid Waste	Jack Palermo - jpalermo@republicservices.com, 330-536-7575

4706101903

A	B	C	D	E	F	G	H
34	Brine Injection - Treatment Reserved Environmental Services (RES)	1119 Old Route 119 South Mt. Pleasant, PA 15666	40.215555, -79.606388	New Stanton Facility	WMGR1235W005	Oil and Gas Fluids with minimal oil and solids present	Matt Kicinski 814-574-9701 mkicinski@reswater.com
35	Brine Injection - Treatment Reserved Environmental Services (RES)	506 Liepencott Road Waynesburg, PA 15370	39.945555, -80.140833	Waynesburg Facility	WMGR1235W031	Oil and Gas Fluids with minimal oil and solids present	Matt Kicinski 814-574-9701 mkicinski@reswater.com
36	Hazardous Waste Disposal Safety Kleen	10 Industrial Park Drive Wheeling, WV 26003	N/A	Wheeling Landfill	N/A	RCRA/TSCA Waste, PCB Transformers & Capacitors, PCB Soil/Debris, Non-Hazardous Wastes, Asbestos Waste, Solidification Services	Gordon Cooper Gordon.cooper@safety-kleen.com 304-215-2284 1-866-670-9034 Joe Staton: 717-360-7916 Office: 301-223-1251 Fax: 301-223-1253 jstaton@spiritservices.com
37	Oil & Oily Water Treat - Recycle Spirit Services, Inc.	173 Industrial Park Ln., Beech Bottom, WV 26030	N/A	N/A	N/A	Approved for non-haz water treatment of oil & water mix. Also offer transportation and solidification services. Capable of other types of waste disposal and handling with prior Environmental and Supply Chain approval.	Corporate Number: 734-442-2353 Guy Turturice gturturice@valcor.com 304-963-1563 Steve Atkinson SATkinson@valcor.com
38	Oil & Oily Water Treat - Recycle Valcor Environmental Services LLC	515 N. 8th Ave, Huntington, WV 25201	N/A	N/A	N/A	Approved for non-haz water treatment of oil & water mix, oil, oil filters, and antifreeze only.	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
39	Non-Haz Disosal Waste Management - American Landfill	7916 Chapel St SE, Waynesburg, OH 44688	N/A	American Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Friable Asbestos, Non-Friable Asbestos, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
40	Non-Haz Disosal Waste Management - Arden Landfill	200 Rangos Ln, Washington, PA 15301	N/A	Arden Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
41	Non-Haz Disposal Waste Management - Chestnut Ridge	385 Harr Ln, Blountville, TN 37617	N/A			Spencer to complete	Travis Maryanski tmaryanski@wm.com (865) 388-7279 Cell (205) 652-8137 Tech Service
42	Non-Haz Disosal Waste Management - Evergreen Landfill	1310 Luciusboro Rd, Blairsville, PA 15717	N/A	Evergreen Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
43	Non-Haz Disosal Waste Management - Kelly Run	1500 Haydon Blvd, Elizabeth, PA 15037	N/A	Kelly Run Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
44	Non-Haz Disosal Waste Management - Mahoning Landfill	3510 E Garfield Rd, New Springfield, OH 44443	N/A	Mahoning Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Non-Friable Asbestos, Process Waste, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
45	Non-Haz Disosal Waste Management - Meadowfill Landfill	1488 Dawson Dr, Bridgeport, WV 26330	N/A	Meadowfill Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Friable Asbestos, Non-Friable Asbestos, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
46	Hazardous Waste Disposal Waste Management - Model City	1550 Balmer Rd Youngstown, NY 14174	N/A	Model City Landfill	N/A	RCRA/TSCA Waste, PCB Transformers & Capacitors, PCB Soil/Debris, Non-Hazardous Wastes, Asbestos Waste, Solidification Services	Linda Davie: 716-286-0365 or 716-754-8231 or 800-963-4776
47	Non-Haz Disosal Waste Management - Northwestern Landfill	510 Dry Run Rd, Parkersburg, WV 26104	N/A	Northwestern Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
48	Non-Haz Disosal Waste Management - S&S Grading Landfill	4439 Good Hope Pike, Clarksburg, WV 26301	N/A	S&S Grading Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum)Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
49	Non-Haz Disosal Waste Management - South Hills (Arnoni)	3100 Hill Rd, South Park Township, PA 15129	N/A	South Hills Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Construction & Demolition Waste, Industrial Waste, Sludge, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com
50	Non-Haz Disosal Waste Management - Valley Landfill	6015 Pleasant Valley Rd, Irwin, PA 15642	N/A	Valley Landfill	N/A	Gas Specific Waste Streams: Drill Cuttings, Waste Liners, Other Accepted Waste Streams: Contaminated Soil (Including Petroleum), Construction & Demolition Waste, Industrial Waste, Sludge, Friable Asbestos, Non-Friable Asbestos, Process Waste, Solidification Services, Municipal Solid Waste	Customer Service: 1 (866) 909-4458 Mark A. Thomas: 412-522-0610, mthoma15@wm.com Tom Farnsworth: C- 330-204-4244, TFarnsw@wm.com

4706101903

CNX Gas Company LLC

Proposed Revegetation Treatment: Acres Disturbed 21.0 Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch hay or straw @2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Kenneth Greynolds
Digitally signed by: Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov, C = AD O = WVDEP OJ = Oil and Gas
Date: 2022.07.22 13:56:17 -0400

Comments: _____

Title: Oil & Gas Inspector Date: 7/21/22

Field Reviewed? () Yes () No

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.

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

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.



WDTN19 Pad Frac SOG Review

Tuesday, April 12, 2022

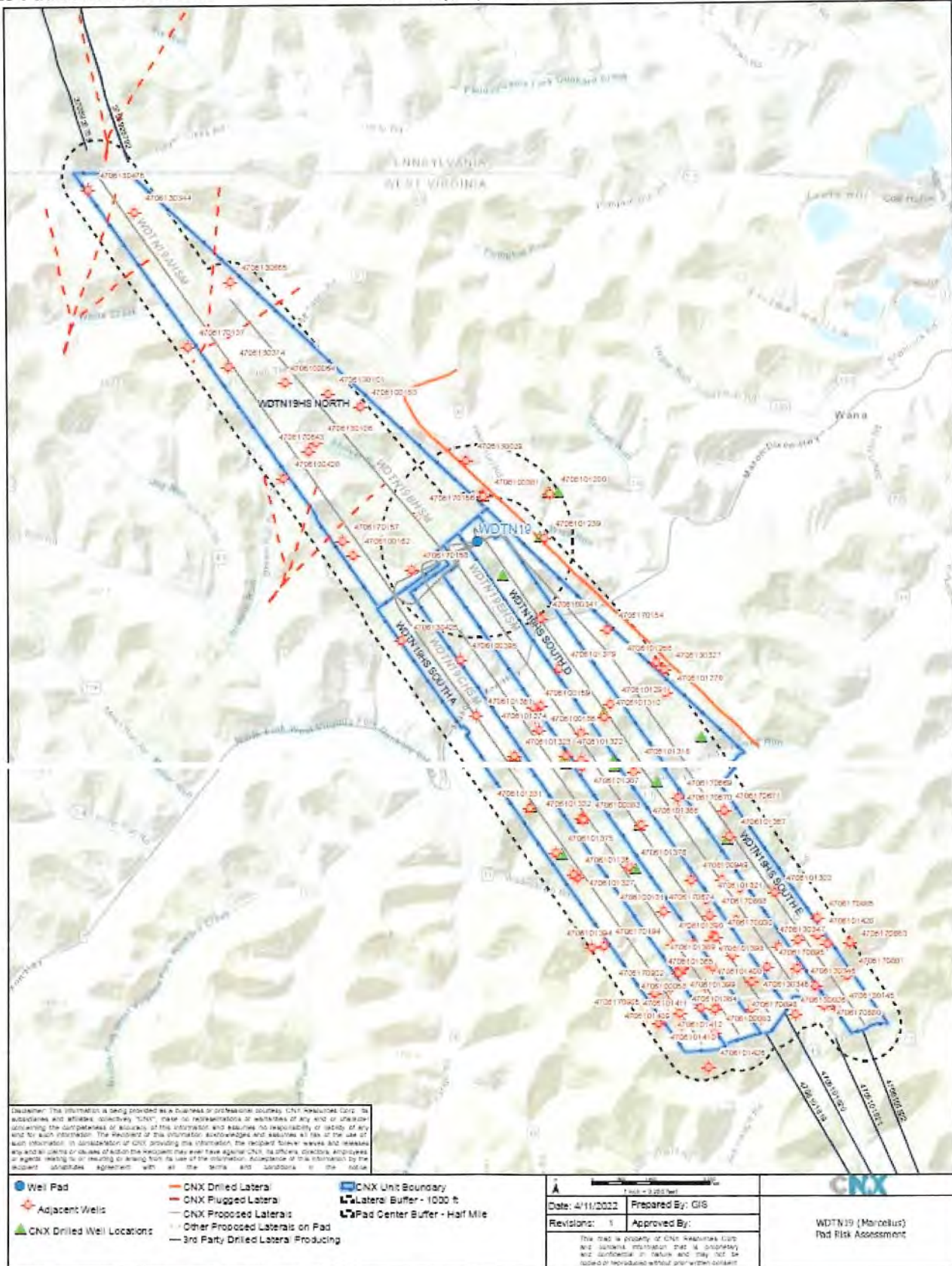




Figure 2. List of 98 wells seen in Figure 1. Two groups are shown below.

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

Api10	WellName	CurrentOperator	CompletionFormatio	CurrentStatus	CurrentStatusDa	PermitDa	SpudDa	CompletionDa	OnProductionDa	TotalDep
4706100428	SHRIVER 5114	PILLAR ENERGY LLC	<Null>	ACTIVE	12/10/1921	<Null>	<Null>	1/1/1997	1/1/1997	<Null>
4706130344	F M STAGGERS	PITTSBURGH & WV GAS	BIG INJUN (PRICE&EQ)	INACTIVE	<Null>	<Null>	4/11/1918	6/3/1918	<Null>	2185
4706130475	FRED HENNER	CARNEGIE NATURAL GAS CO	BIG INJUN (PRICE&EQ)	INACTIVE	<Null>	<Null>	11/12/1918	8/23/1919	<Null>	2880
4706170031	SARAH E EDDY	MCDERMOTT, JOSEPH H.	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	3021
4706130346	ELIHU EDDY	SOUTH PENN OIL (S. PENN NAT. GAS)	GORDON	INACTIVE	<Null>	<Null>	<Null>	1/21/1941	<Null>	3160
4706130145	A J CARROTHERS HRS	H L TENNANT	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	3167
4706170030	SARAH E EDDY	MCDERMOTT, JOSEPH H.	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	3199
4706130665	THOMAS WHITE HEIRS	(N/A)	BIG INJUN (PRICE&EQ)	INACTIVE	<Null>	<Null>	6/8/1926	10/6/1927	<Null>	3204
4706130347	ELIHU EDDY	SOUTH PENN OIL (S. PENN NAT. GAS)	<Null>	INACTIVE	<Null>	<Null>	<Null>	1/1/1912	<Null>	3235
4706130348	ELIHU EDDY & D L CROSS	SOUTH PENN OIL (S. PENN NAT. GAS)	<Null>	INACTIVE	<Null>	<Null>	<Null>	3/19/1920	<Null>	3302
4706130327	MICHAEL BARR	HOPE NATURAL GAS CO.	<Null>	INACTIVE	<Null>	<Null>	8/3/1910	11/26/1910	<Null>	3324
4706130425	E E BELL	PITTSBURGH & WV GAS	FIFTY-FOOT	INACTIVE	<Null>	<Null>	5/29/1913	8/18/1913	<Null>	3354
4706130026	A J CARROTHERS	SOUTH PENN OIL (S. PENN NAT. GAS)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	3365
4706130374	LUCINDA SIX	CLOVIS ROY W	<Null>	INACTIVE	<Null>	<Null>	<Null>	8/1/1925	<Null>	3465
4706130101	ERNEST BELL	MACKEY, ARTHUR D.	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	3492
4706130106	WM HAINES	MACKEY, ARTHUR D.	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	3521
4706170154	MARY A EAKIN	PHILADELPHIA COMPANY, THE	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170881	ELIHU EDDY	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170883	ELIHU EDDY HRS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170895	M J BREWER	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706171010	ELIHU EDDY HRS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706130029	M C & C WISE HEIRS	H L TENNANT	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170157	HENRY W HAINES	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170669	J S CROSS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170674	P EDDY	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170890	SOUTH PENN OIL	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170885	SOUTH PENN OIL	SOUTH PENN OIL (S. PENN NAT. GAS)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170898	ELIHU EDDY HRS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170902	ERVINE TENNANT	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170905	ERVINE TENNANT	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170670	J S CROSS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170671	J S CROSS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170897	ELIHU EDDY	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170901	ERVINE TENNANT	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706130218	HARRY L TENNANT	HARRY L TENNANT	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170137	SIMON L WHITE	PHILADELPHIA COMPANY, THE	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170156	GEORGE W SHRIVER	PHILADELPHIA COMPANY, THE	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170158	JASPER SHRIVER	PHILADELPHIA COMPANY, THE	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170194	M J GARRISON	SOUTH PENN OIL (S. PENN NAT. GAS)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170643	WILLIAM HAINES	PHILADELPHIA OIL CO	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170886	MARY E MYERS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>
4706170888	MARY E MYERS	(N/A)	<Null>	INACTIVE	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>



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).

4706101200	CNGP 5124	<Null>	P & A	7/8/1995	7/24/1995	7/4/1995	7/8/1995	7/1/1995	970
4706101428	VENT 29	NORTHWEST FUEL DEV INC	PITTSBURGH COAL	P & A	1/2/2002	12/4/2001	<Null>	7/31/2006	1145
4706101323	WE WV 6356	CONSOL	<Null>	P & A	<Null>	12/10/1998	11/23/1998	1/1/2001	1208
4706101389	MCDERMOTH 1	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	5/8/2000	5/4/2000	5/16/2000	8/9/2000	<Null>
4706101391	CHISLER, ROY D. F2-445	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	6/15/2000	6/12/2000	6/15/2000	7/14/2000	<Null>
4706101384	MOON OIL CO. 1	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GORDON	P & A	2/15/2000	2/9/2000	3/7/2000	3/7/2000	<Null>
4706100983	TENNANT, GEORGE F2-451	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GORDON	P & A	2/19/1997	6/28/2001	10/8/1996	9/8/2001	<Null>
4706100383	TJ COWELL 2756	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GORDON	P & A	7/22/1989	1/19/1999	10/23/1912	3/12/1999	1/1/1979
4706101273	SANDERS, THOMAS, ETUX F2-196	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	7/30/1997	6/9/1997	7/8/1997	7/30/1997	<Null>
4706100387	GARRISON HERS	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	3/26/1999	3/25/1999	3/25/1999	4/6/1999	<Null>
4706100132	WISE, M. M. 5077	(N/A)	BIG INJUN (PRICE&EQ)	P & A	6/26/1946	3/19/1953	12/15/1913	6/13/1946	<Null>
4706100131	WISE, M. M. 5077	(N/A)	BIG INJUN (PRICE&EQ)	P & A	10/7/1995	8/20/1998	9/21/1912	10/7/1998	<Null>
4706100131	TJ COWELL 2713	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	<Null>	5/21/2001	<Null>	<Null>	<Null>
4706101409	WOODRUFF, MARY JANE F2-469	ERP FEDERAL MINING COMPLEX LLC	<Null>	P & A	5/29/2001	2/8/2001	2/19/2001	3/6/2001	<Null>
4706101401	YOST, GENE F2-447	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	2/8/2001	2/8/2001	2/19/2001	12/1/1943	<Null>
4706100162	SHRIVER, INA & SUSANNA 3711	A V COMPANY	<Null>	P & A	10/6/1969	10/6/1969	<Null>	<Null>	<Null>
4706100137	AMMONS, DONZEL F2-441	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	8/30/1999	8/24/1999	9/5/1999	10/19/1999	<Null>
4706100381	SHRIVER, S. 2250	DIVERSIFIED ENERGY	FIFTH	P & A	12/10/1921	<Null>	2/27/1997	4/1/1997	<Null>
4706101379	WV 5252	DIVERSIFIED ENERGY	BIG INJUN (PRICE&EQ)	P & A	12/7/1999	11/22/1999	4/3/2000	4/3/2000	10/1/2001
4706100131	STILES, T. S. 2	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	10/3/1974	12/3/1999	9/1/1941	1/24/2000	<Null>
4706100064	HENNEN, WILLIAM O. 1609	(N/A)	<Null>	P & A	1/1/2000	1/1/2000	1/16/1928	4/3/1935	<Null>
4706101291	EASTERN ASSOC. COAL P	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	1/22/1998	11/25/1997	9/23/1946	1/22/1996	<Null>
4706100341	EAKN, C. L. 11891	EASTERN GAS TRANSMISSION AND STORAGE, INC.	<Null>	P & A	4/10/1975	4/29/1975	<Null>	4/1/1975	<Null>
4706101286	EACC-F2-220	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	4/11/1997	2/3/1997	2/27/1997	4/1/1997	<Null>
4706101378	WEWV 05471	CONSOL	<Null>	P & A	12/6/1909	11/1/1999	<Null>	4/1/2001	4/1/2001
4706101400	SOUTH PENN 2	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	12/26/2000	12/21/2000	1/3/2001	2/12/2001	<Null>
4706100119	BREWER, J. M. - HERS 1	(N/A)	<Null>	P & A	12/10/1921	7/28/1960	<Null>	<Null>	<Null>
4706100185	HELMICK, EDNA M. 1	(N/A)	<Null>	P & A	1/26/1947	1/28/1947	1/1/1947	<Null>	<Null>
4706100395	SAGO, DAVID K. 7764	EASTERN GAS TRANSMISSION AND STORAGE, INC.	<Null>	P & A	1/13/2000	1/7/2000	9/11/2001	9/21/2001	1/1/1979
4706101276	(5007) F2-215	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	6/20/1997	7/10/1997	7/31/1997	8/20/1997	<Null>
4706101303	CHISLER, ERIC D. F2-442	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	3/24/1998	2/13/1998	2/10/1998	3/24/1998	<Null>
4706101310	WE WV05249	DIVERSIFIED ENERGY	<Null>	P & A	4/16/1998	3/24/1998	<Null>	1/1/2001	1/1/2001
4706101322	WE WV 5357	CONSOL	<Null>	P & A	12/1/1998	11/23/1998	<Null>	1/1/2001	1/1/2001
4706101332	COWELL, ARTHUR 5420	CONSOL	<Null>	P & A	5/17/1998	5/7/1999	<Null>	1/1/2001	1/1/2001
4706101364	HOWARD, KYLE F2-460	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	5/21/1999	5/5/1999	5/4/1999	6/25/1999	<Null>
4706101367	MILLER, JACKIE W JR 5422	CONSOL	<Null>	P & A	6/11/1999	5/20/1999	<Null>	1/1/2001	1/1/2001
4706101398	HOWARD, KYLE F2-459	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	10/17/2000	10/11/2000	10/13/2000	11/14/2000	<Null>
4706101398	HOWARD, KYLE F2-459	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	11/14/2000	11/2/2000	11/15/2000	12/21/2000	<Null>
4706101412	TENNANT 2	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	7/3/2001	6/28/2001	7/3/2001	8/3/2001	<Null>
4706101426	EASTERN ASSOCIATED COAL F2-475	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	11/16/2001	11/6/2001	12/18/2001	1/17/2002	<Null>
4706101274	HOPE 427-F2-194	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	7/8/1997	5/9/1997	6/11/1997	7/8/1997	<Null>
4706101331	WALLS, DONCEL 5419	CONSOL	<Null>	P & A	5/17/1999	5/7/1999	<Null>	1/1/2001	1/1/2001
4706101365	COLE, RICHARD F2-462	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	6/10/1999	6/8/1999	6/7/1999	7/20/1999	<Null>
4706101375	WEWV 05470	CONSOL	<Null>	P & A	11/21/1999	10/13/1999	<Null>	1/1/2001	1/1/2001
4706101385	PENN 4	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	3/3/2000	2/24/2000	2/23/2000	3/21/2000	<Null>
4706101390	HOWARD, KYLE F2-457	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	5/31/2000	5/30/2000	6/7/2000	7/5/2000	<Null>
4706101394	BAIRD, BETTY F2-446	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	9/8/2000	9/5/2000	9/8/2000	10/27/2000	<Null>
4706101413	MARSHALL, THOMAS F2-477	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	7/25/2001	7/25/2001	8/2/2001	8/30/2001	<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	8/1/1988
4706101135	GARRISON HERS	A V COMPANY	<Null>	P & A	10/1/1994	9/30/1993	<Null>	10/1/1994	<Null>
4706101239	SHRIVER, HOWARD WEWV-5133	CONSOL	<Null>	P & A	5/3/1996	4/29/1995	<Null>	4/12/1996	1/1/1997
4706101309	WEWV05250 (3R1)	DIVERSIFIED ENERGY	<Null>	P & A	4/16/1998	3/24/1998	<Null>	4/1/2001	4/1/2001
4706101321	ELLEN EDDY 7	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	11/20/1998	10/30/1998	10/26/1998	12/10/1998	<Null>
4706101366	BARTHOLEMEW, RICHARD A 5421	CONSOL	<Null>	P & A	6/11/1999	5/26/1999	<Null>	1/1/2001	1/1/2001
4706101399	SOUTH PENN 3	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	<Null>	P & A	12/26/2000	12/21/2000	12/28/2000	2/16/2001	<Null>
4706100058	WISE & TENNANT 5	YOST, GENE D. & SARA E	<Null>	P & A	8/23/1935	8/23/1935	7/29/1935	<Null>	<Null>
4706100159	HARKER, JOHN O. 1	(N/A)	<Null>	P & A	12/10/1921	4/17/1962	<Null>	<Null>	<Null>

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.

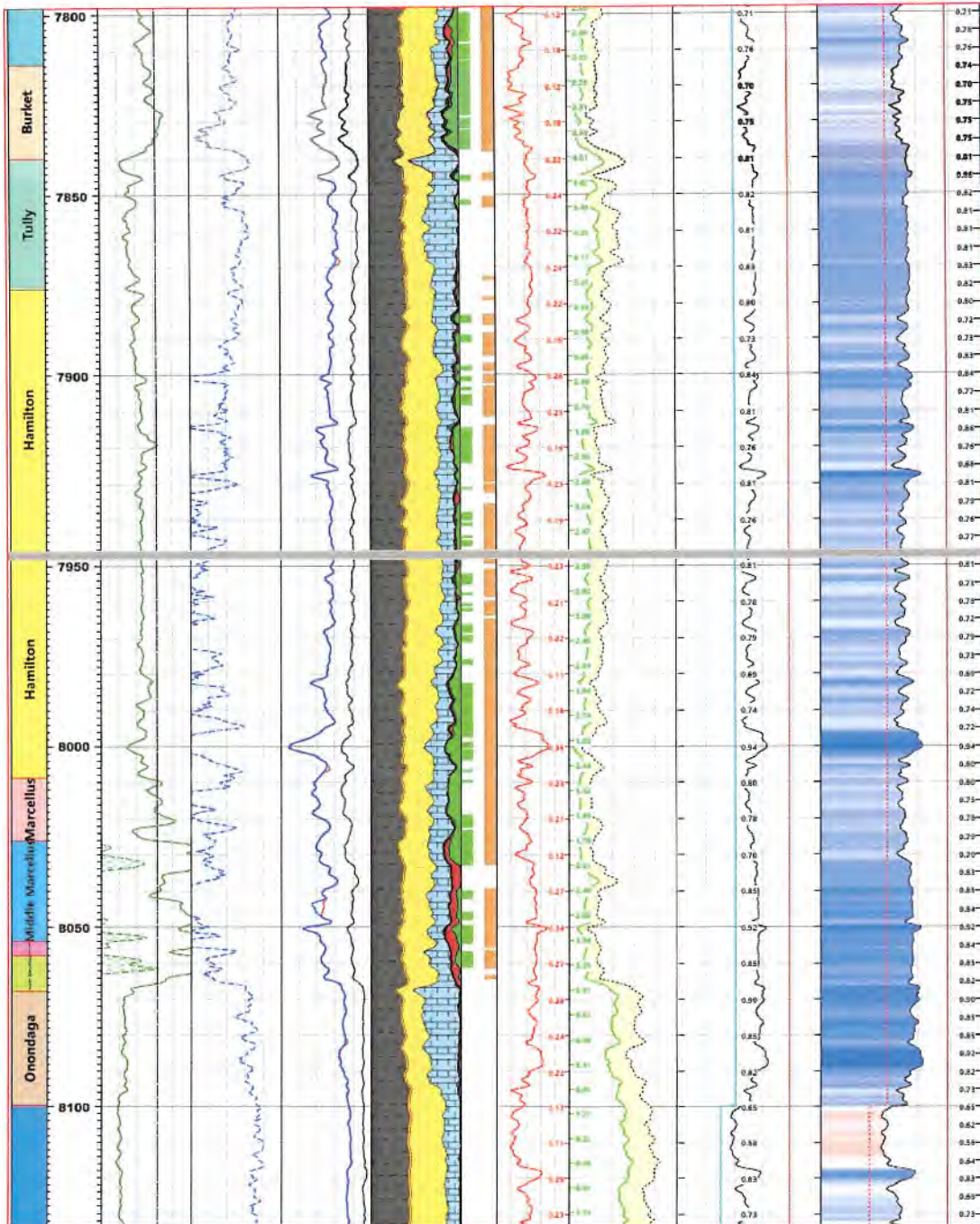
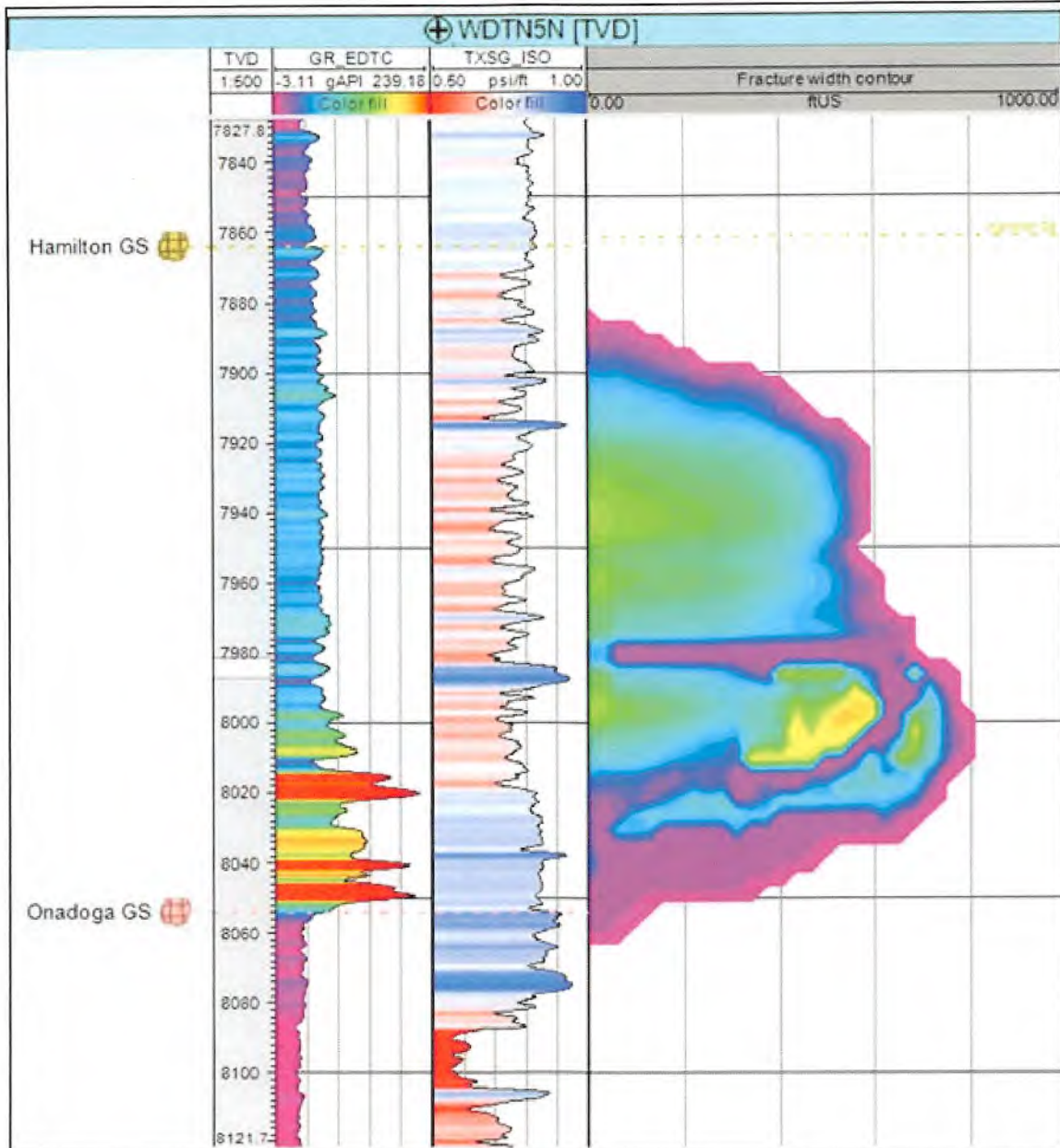
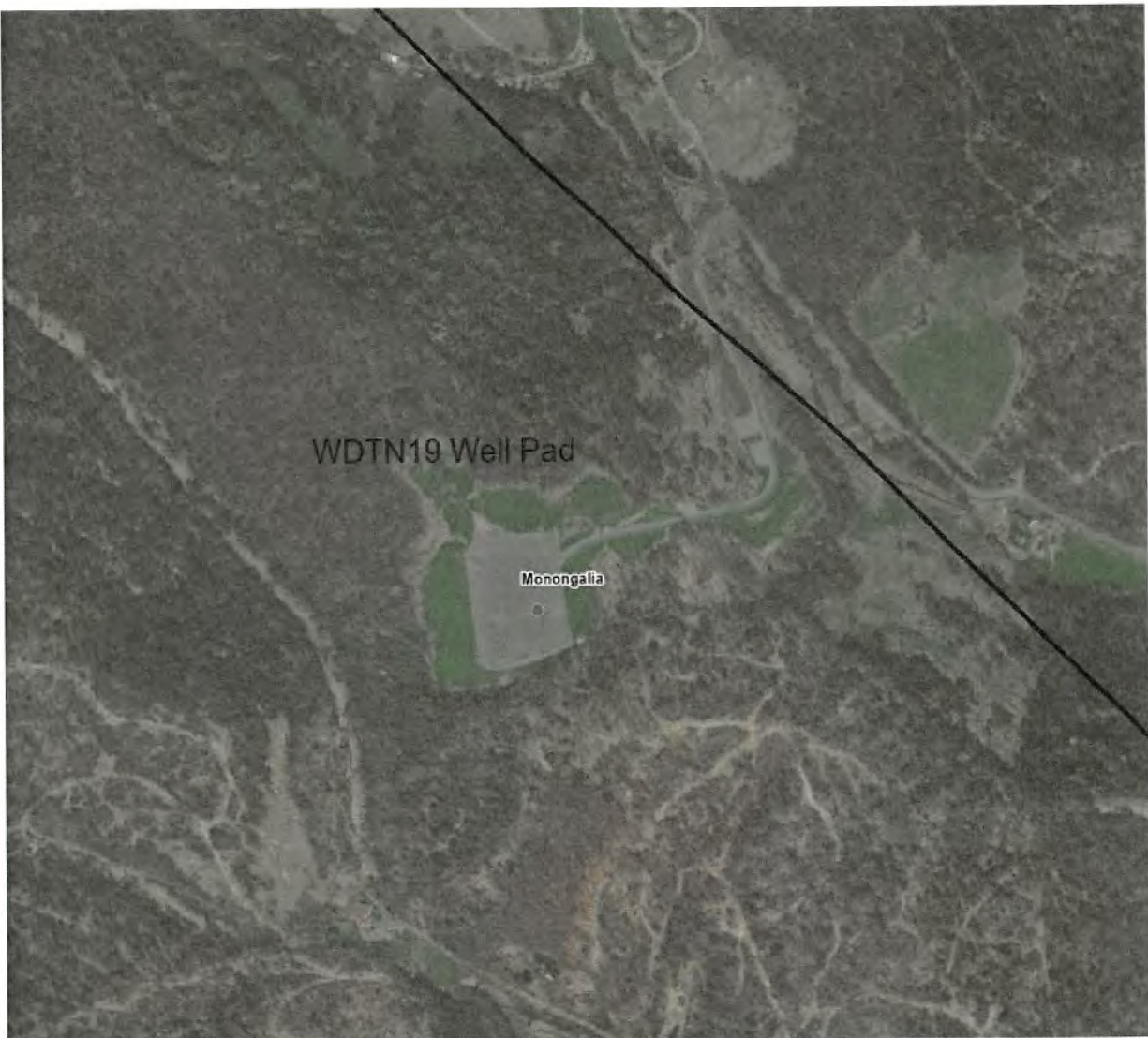


Figure 4. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is from the WDTN5B. Frac modeling yields a frac height of approximately 200'.





**Site Safety Plan for Wells WDTN19EHSM
CNX Gas Company, LLC.**



RECEIVED
Office of Oil and Gas

'JUL 27 2022

WV Department of
Environmental Protection

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:

West Virginia Division of Environmental Protection, Office of Oil and Gas
And
West Virginia Oil and Gas Conservation Commission.

Approved this day _____ of month _____, 20__ by

Kenneth Greynolds

Digitally signed by Kenneth Greynolds
DN: cn = Kenneth Greynolds email = Kenneth.L.Greynolds@gov.wv.gov, o = AD O = WVD&EP Oil & Gas
Date: 2022.07.22 14:06:53 -0400

7/21/22

Date: _____



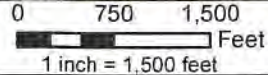
WDTN19
 Lat: 39.693422
 Long: -80.33491
 N: 14415792.59941
 E: 1827506.793497

Battelle Twp.
 Monongalia Co.
 West Virginia

Wadestown

Legend

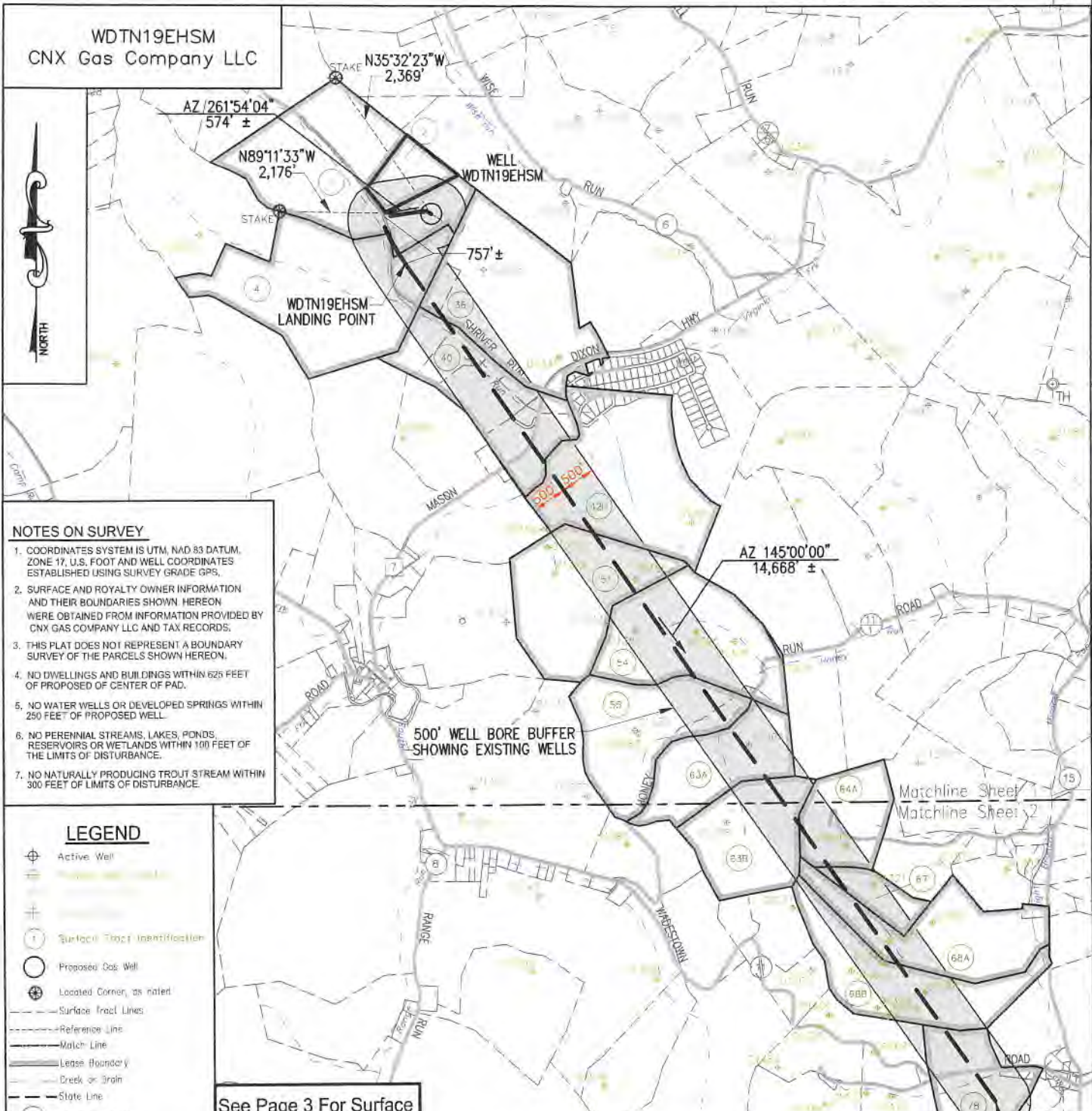
- Wellbore
- Access Points
- Pond
- Spring
- Water Well
- Access Road
- 1 Mile Buffer
- 1,500 Foot Buffer
- 2,500 Foot Buffer
- Surface Parcel



Original Date: 7/19/2022	Prepared By: GIS
Revision Date: 7/19/2022	Approved By: GIS

WDTN19
Ground Water Map
 09/02/2022

This map is property of CNX Land Resources Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.
 © Copyright CNX Land Resources Inc. 2011



NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

- LEGEND**
- Active Well
 - Proposed Gas Well
 - Surface Tract Identification
 - Located Corner, as noted
 - Surface Tract Lines
 - Reference Line
 - Match Line
 - Lease Boundary
 - Creek or Drain
 - State Line
 - WV County Route
 - WV State Route
- () Denotes Location of Well on United States Topographic Maps

See Page 3 For Surface Owners and Lessors



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.

Thomas C. Smit
L. L. S. 687



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: JULY 22 20 22
OPERATORS WELL NO: _____
API WELL NO: 47 - 061 - 01903
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Batelle COUNTY: Monongalia
SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
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
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'
WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
Canonsburg, PA 15317 Canonsburg, PA 15317

WDTN19EHSM
CNX Gas Company LLC



500' WELL BORE BUFFER
SHOWING EXISTING WELLS

AZ 145°00'00"
14,668' ±

NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Match Line
- Lease Boundary
- Creek or Drain
- State Line
- WV County Route
- WV State Route

See Page 3 For Surface Owners and Lessors

() Denotes Location of Well on United States Topographic Maps



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.

Thomas C. Smit
L. L. S. 687



FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

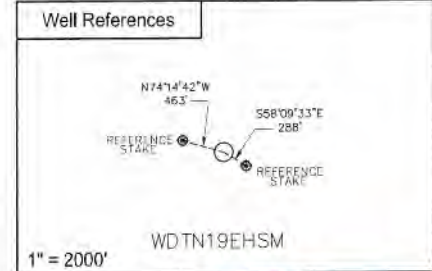
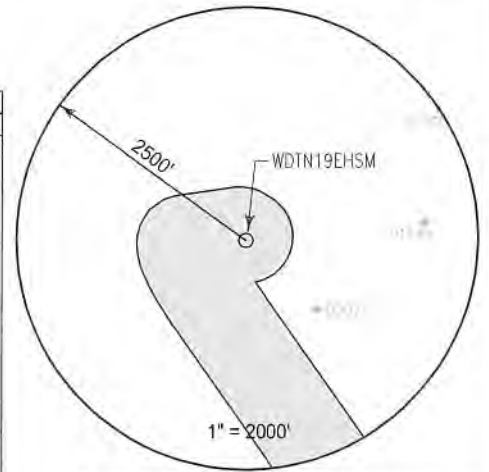


DATE: JULY 22 20 22
OPERATORS WELL NO:
API WELL NO
47 - 061 - 01903
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
 DISTRICT: Batelle COUNTY: Monongalia
 SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
 ROYALTY OWNER: Three Rivers Royalty II, LLC, et al LEASE NO: 205228000 ACREAGE: 96.91 ± **09/02/2022**
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
 ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
 Canonsburg, PA 15317 Canonsburg, PA 15317

TRACT 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 of 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	
2	CNX Gas Company LLC	Three Rivers Royalty, II, LLC	1-8-9
		Jack T. Livengood and Mary Jo Livengood	
		Elizabeth L. March	
		Debora Rae Manning, a/k/a Deborah R. Manning, a/k/a	
		Debora R. Manning and Robert Manning	
		Kathryn Rew Becker and Michael Compton	
4	David Troy Beckner, et al	Mary Jane Beckner, Life Estate, widow and Troy David Beckner and Janet Lee Smith, Remaindermen, JTROS	1-8-10
		Antero Resources Corporation	



SURFACE HOLE LOCATION (SHL)	
UTM 17 NAD 83	
N: 4393944.871	
E: 556994.094	
NAD 83, WV NORTH	
N: 435781.455	
E: 1733461.600	
LAT/LON DATUM NAD 83	
LAT: 39°41'36.408"	
LON: 80°20'06.981"	
LANDING POINT	
UTM 17 NAD 83	
N: 4393728.705	
E: 556885.556	
NAD 83, WV NORTH	
N: 435078.086	
E: 1733093.596	
LAT/LON DATUM NAD 83	
LAT: 39°41'29.423"	
LON: 80°20'11.605"	

WDTN19 WELL PAD	
WDTN19EHSM	
WDTN19DHSM	
WDTN19GHSM	
WDTN19AHSM	
WDTN19BHSM	
WDTN19FHSM	
WDTN19RHSM	
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	
N: 4390110.902	
E: 559509.739	
NAD 83, WV NORTH	
N: 423062.924	
E: 1741506.154	
LAT/LON DATUM NAD 83	
LAT: 39°39'31.437"	
LON: 80°18'22.608"	



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.

L. L. S. 687
L. L. S. 687



SEAL

FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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



DATE: JULY 22 20 22
OPERATORS WELL NO: _____
API WELL NO: 47 - 061 - 01903
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Batelle COUNTY: Monongalia

SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
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
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
Canonsburg, PA 15317 Canonsburg, PA 15317

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
36	George D. Six, et al	William B. Richardson	1-8-11 1-8-11.1 1-13-24 1-13-25 1-13B-81 1-13B-85 1-13B-86 1-13B-87
		CNG Producing Company DominionExploration and Production, Inc. Antero Resources Appalachian Corporation DominionExploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	
40	David K. Tennant, et ux, et al	James B. Reeder, in his capacity as the incumbent and currently acting Trustee of the Jim Bob Revocable Trust	1-13-23 1-13-23.1 THROUGH 1-13-23.8
		Carolyn R. Greiner, in her capacity as agent and attorney-in-fact for and on behalf of William F. Reeder Stephen B. Ferguson, in his capacity as the incumbent and currently acting Trustee of the Margaret R. Ferguson Revocable Trust Carolyn R. Greiner, in her capacity as the incumbent and currently acting trustee of the Carolyn R. Greiner Trust of 1999 Louise Reeder Seeton, in her capacity as the incumbent and currently acting trustee of the Louise Reeder Seeton Trust, a Revocable inter vivos trust created 8/13/1993 Thomas Bradley Reeder, in his capacity as the incumbent and currently acting trustee of the Reeder Living Trust of 2008 Carolyn R. Greiner, in her capacity as agent and attorney-in-fact for and on behalf of Susan Reeder Ruffatto, aka, Susan Reeder Ruffato	
42H	CNX RCPC LLC, et al	Norman Core, Gregory Shriver, and Francis M. Bland, Trustees of West Warren Baptist Church	1-13-24 1-13-25 1-13B-41 THROUGH 1-13B-54
		CNG Producing Company DominionExploration and Production, Inc. Antero Resources Appalachian Corporation DominionExploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	
51	Thomas W. Sanders	Ronald W. Wade Northeast Natural Energy LLC	1-13-26
54	Jacqueline Carol Cowell	Ginger L. Brookover Douglas Haught Keith Haught Michael Haught Jacqueline Carol Cowell, widow	1-13-27
55	Jacqueline Carol Cowell	Ginger L. Brookover Douglas Haught Keith Haught Michael Haught Jacqueline Carol Cowell, widow	1-13-27
63A	Richard A. Bartolomew, et al	William G. and Betty J. Cross, his wife CNG Producing Company DominionExploration and Production, Inc. Antero Resources Appalachian Corporation DominionExploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	1-13-28
63B	Richard A. Bartolomew, et al	William G. and Betty J. Cross, his wife CNG Producing Company DominionExploration and Production, Inc. Antero Resources Appalachian Corporation DominionExploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	1-13-28 1-13-29

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
64A	Eric Dale Chisler	John Marvin Douthat and Edith Anette Douthat	1-13-29
		Amy Mowrey and Greg L. Mowrey	
		Robert L. Fordyce and Lynda Fordyce	
		Kevin Davis	
		T. Charles Truscott	
		Barbara Ann Renfroe and Travis L. Renfroe	
		William A. Douthat	
		Virginia Sibley Walker, by Bryan Adris Robison, II, as her Agent	
		Jean T. Eberly, f/k/a Jean Craig Eberly	
		Janis L. Truscott	
		Mary Gray Walker	
		Virginia May Oliveto and Joseph F. Oliveto	
		Margaret M. Collins and Vincent A. Collins	
		Kelly Ann King Boggia f/k/a Kelly King and Michael J. Boggia, w/h	
		Richard R. Morris and Robin T. Morris	
		John H. Morris, Jr. and Susan H. Morris	
		Harold C. Moore and Darlene E. Moore	
		Helen Fox	
		Holly Swartz and Jeff N. Swartz	
		Steven T. Truscott and Carol A. Truscott	
		Lawrence P. Scarnechia and Christine Lynn Scarnechia	
		Samuel L. Scarnechia and Tami J. Scarnechia	
		Vera K. Hoskinson, f/k/a Vera Matthews and Ronald L. Hoskinson	
		Krystal Tarkenton and Brian J. Tarkenton, w/h	
		Toni Ann Swoyer and David W. Swoyer	
		JoAnn Barzanti and Terry W. Barzanti	
		Lawrence Morris and Danneal Morris	
		Lenard Paul Fordyce	
		Brian Fox and Lisa D. Fox	
		Hartzell D. Fordyce and Mary A. Fordyce	
		Clydie Ray Fordyce and Connie Lou Fordyce	
		Shirley Cain and Victor F. Cain	
		Carolyn J. Butts, f/k/a Carolyn Fordyce and Bernard E. Butts	
		Gareald Fordyce and Carol L. Fordyce	
		Thomas M. Truscott and Nancy P. Truscott	
		Floriene Dulaney and Danny J. Dulaney	
		Anna P. Carpenter f/k/a Anna Pearl Efav and Kenneth E. Carpenter	
		William J. Taylor	
		Margaret Kovalcheck	
		Cecilia J. Reynolds and John E. Reynolds	
		Richard Calvin Fordyce	
		Patricia A. Lemley and Ronald G. Lemley	
		Clarence C. David and Patricia Davis	
		Leanna Bosley	
		Peggy Catherine Mcl, a/k/a Peggy Fox Mcl	
		Liane M. Culver	
		Curtis Earl Fordyce	
		Janet C. Johnson and Richard B. Johnson	
		James Russell Cornelius and Julie K. O'Brien	
		Ralph Parks Cornelius and Laura D. Corneliu	
		William Terrell Cornelius	
		Keith Alltucker	
		Scott Mick	
		Shirley Cornelius Hipp and Richard A. Hipp	
		Janet Casteel and Donald L. Casteel	
		Louis Frederick Morris and Carol L. Morris	
		Debra Lough a/k/a Deborah M. Lough	
		Joann Coffman and Darrel L. Coffman	
		Judith Lynn Hawkins and John F. Hawkins	
		Kevin Mick and Linda K. Mick, h/w	
		Barbara F. Roberts	
		Marsha J. Newton	
		Suzanne M. Switalski and Dale R. Switalski	
		Kimberly S. Fox and John J. Gula	
		Scott B. Roberts and M. Teresa Roberts	
		Sara Katherin Van Gilder, a/k/a Kathy Van Gilder	
		Donald L. Lockhart and Diane M. Lockhart, h/w	
		Alvin Mick	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Nodena Sloan	
		Brad Lee Miller	
		Dennis R. Roberts and Barbara R. Roberts	
		Eric S. Sowden	
		Larry P. Sowden	
		Walter Lloyd Rinehart	
		Robert Leo Fordyce	
		Jeffrey Harman and Janet Harman	
		Rosalie Leanne Martin	
		David S. Sowden, Jr.	
		Steven M. Anders and Diane M. Anders	
		Brandy Conner	
		Nancy Dean Holt and Gary K. Holt	
		Jeri Lee Mullins	
		Rebecca Ann Gonczy	
		Tonya D. Bering	
		James C. W. White	
		Steve A. Konya	
		John L. Harman and Kathleen F. Harman	
		Peter Love	
		David R. Sturgiss, Jr.	
		Sally Warrington	
		Joseph Johnston	
		Susan Gawdyda, f/k/a Susan L. Jackson	
		Lydia Darlene Janson, a/k/a Darlene Janson	
		Mary C. Roy	
		Revis D. Johnston and Llanda Johnston, h/w	
		Verneda C. King, by Sandra L. Ruhl, Attorney-in-Fact	
		Richard L. Carlson	
		Angela Denise Fulton	
		Junior Lee Fordyce	
		Michael C. Fluharty and Kathryn A. Fluharty	
		Wanda Faye Blaney	
		Roberta L. King-Crapo	
		Daniel O. Toothman	
		Katherine A. Kulish, f/k/a Katherine A. Webb Fordyce	
		Carol Yvonne Jones, single, f/k/a Carol Yvonne Campbell	
		D'Amico	
		Paul J. Oates	
		Wendell Wayne Knight	
		Lisa Jo Barnette	
		Leonard R. Oates, Jr.	
		Eric B. Oates	
		Aida M. Everhart, a/k/a Ida M. Everhart	
		James V. Hall, Sr.	
		Nancy J. Bock	
		Peter A. Nicoletti and Joetta K. Nicoletti	
		Lisa Dawn Lucas	
		Kelly Dale Knight	
		Kevin W. Alltucker	
		Valerie Hayes and Richard A. Hayes	
		Bryan Carter	
		Renee Rutter	
		Irene Harvey	
		Kip Foster Knight	
		Eric Dale Chisler and Cassandra Ann Chisler	
		Carol J. Freeze	
		Ashlee N. White	
		Shuman Inc.	
		Janet Sue Beveridge	
		Jerri Doreen Richards	
		Debra N. Straight	
		Cynthia H. Jones, f/k/a Cynthia H. Carpenter	
		Dennis L. Efaw	
		Beth Sanders	
		Douglas K. Efaw	
		Ruth Brady	
		Gary D. Harker	
		Beverly Workman	

09/02/2022

API WELL NO

47 - 061 - 01903

STATE COUNTY PERMIT

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Velma Luttrell	
		Crystal A. Brennan	
		Suzanne Jean Pace	
		Marvin M. Carter	
		Mary Ruth Efaw	
		Marjorie Efaw	
		Jean Karstetter a/k/a Jeanne Karstetter	
		Andrea McDaniel	
		Edward Garner	
		Dailor Fox	
		Adam Carpenter	
		Alcinda Jean Sanders	
		Amelia Jacques Fluharty	
		Anita C. Mire	
		Ashley Ice	
		Autumn Gissing	
		Barry Miller	
		Becca Sanders	
		Becky Newman	
		Betty Jean Huffman	
		Billy Haddix	
		Darlene Bonnie Martin	
		Brenda Price	
		Bruce Miller	
		Carol Jean Mendicino	
		Christopher Allen Harbert	
		Corrine Parker Bates	
		Cynthia Denise Schum	
		Daniel Jason Widen	
		Darren Sloan	
		Diane Santana	
		Dottie Lou Maltarich, f/k/a Dottie Lou Lowery, f/k/a Dottie Lou Fordyce	
		Ethel Elizabeth Snider	
		Eugene Amos Holland II	
		Fred Fordyce	
		Greg Anders	
		Heather Obleada	
		Janet Cernuska	
		Jeremy Jamison	
		Jo Billy Fluharty	
		Joanne Girard	
		Jody Ice	
		John W. Hawkins	
		Kathy Locke	
		Larry L. Eddy	
		Lawrence Lee Hayes	
		Levi Sanders	
		Linda Junice Jamison	
		Michael J. Alltucker	
		Mike Haddix	
		Miranda Jamison	
		Nancy Berkheiser	
		Nathan White	
		Pamela Erickson	
		Patricia Williamson	
		Patricia Stentz	
		Paul Reed Anders	
		Paul Ice	
		Paul Harn	
		Paula Wukovich	
		Paula Eddy	
		Peggy Perkins	
		Rachel Elizabeth Campbell	
		Rachael Jamison	
		Raemon Earl Everhart	
		Ralph H. King	
		Rebecca Smith	
		Scott V. Alltucker	
		Sharon L. Smith	

09/02/2022

API WELL NO

47 - 061 - 01903

STATE COUNTY PERMIT

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Sharon Gailey	
		Sharon McCluskey	
		Sharon Rose Romanowski	
		Shirley Yoho	
		Stanton Sloan	
		Susan Jean Bering	
		Susan Lynn Burcham	
		Terry White	
		Troy Bilick	
		Virgil Lee Conners	
		William S. Reed	
		Mark Shane Ice	
		Mark Lane Hayes, Sr.	
		Mary Rebecca Jamison	
		Mathew Jamison	
		Matthew Sloan	
		Stephen Carter	
		Ernest Ray Connors	
		Rhonda K. Streets	
		Lonnie Irvin Howard	
		Martha D. King	
		Margaret Underwood	
		Mary Francis Murphy Warren	
		Kenneth Murphy	
		David C. Sloan	
		Owen White, Jr.	
		Mary Sue (Suzanna) White Wirth	
		Marilyn B. Thorpe	
TRACT ID	SURFACE OWNER	LESSOR	PIN
67	Roy D. Chisler, et ux	Kimeric and Company, LLC Northeast Natural Energy LLC	1-18-9
68A	Roy D. Chisler, et ux	Raymond P. Gaston, aka Ray Gaston, aka Ray Parish Gaston, and Pamela J. Gaston	1-18-9 1-18-10
		P&P Fujimo LLC	
		R. Parrish Gaston	
		Paul R. Gaston	
		EQT Production Company	
		Janet Watkins	
		Rose Marie Shape	
		Ruth Ann Tallman	
		Juanita Ely	
		Benjamin C. Wirick	
		Vivian Petoskey	
		Morris Mountaineer Oil and Gas LLC	
		Sidney Austin Smith Trust LLC	
		Thomas E. Ross	
		Richard M. Ross	
		Debra L. Mason and Richard A. Mason	
		Carol Curtis	
		Dwight E. Jackson	
		Judy Wirick	
		Dwight Herd	
		Michael Delbert Herd	
		Christine Ann Boyd	
		Charles Patrick Herd and Leane C. Herd	
		Bruce A. Davie, Jr.	
		Polly Anna Eddy Morrison Fryman	
		Robert W. Davie and Lisa D. Davie	
		Jerry L. Hoffman	
		Cheryl J. Bosse	
		Rodney A. Bosse	
		Clarence S. Willard	
		JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	
		Gary A. Spragg	
		Richard A. Stewart	
		Joyce Lydic	
		Thomas L. Hoffman	
		Kyle J. Davie	
		Summer G. Johnson	

09/02/2022

API WELL NO

47 - 061 - 01903

STATE COUNTY PERMIT

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Jessica L. Baum a/k/a Jessica L. Gerwells	
		James Eric Davie	
		Susan Kimbrell	
		Wendy Dawn Lemley	
		Randall M. Spragg and Lisa M. Spragg, Co-Trustees under Revocable Trust Agreement of Randall M. Spragg, dated October 24, 2007	
		Toledo Animal Shelter	
		Roy Dale Chisler and Twyla Leah Chisler	
		WV Minerals, Inc.	
		Sharon M. Flann	
		Stephen J. Dawson	
		Martha E. Menzies and William S. Menzies	
		Andrew T. Stewart and Cathy Stewart	
		Betty Pitcock	
		Kelly J. Kelly and Dennis Kelly	
		Charlene K. Crapnell and Larry E. Crapnell	
		Darlene Newson and Michael Newson	
		Ricky Kaye Peaslee	
		Maxine Wirick	
		Staci L. Dawson	
		Wilma J. Ross	
		Amber N. Cubberly and Dustin Cubberly, her husband	
		Christina K. Benson and James B. Benson, her husband	
		James E. Eddy and Ronda S. Eddy, his wife	
		Kenneth R. Eddy and Natalie A. Eddy, his wife	
		Mary Lou Verbosky	
		Louise A. Stewart England	
		Michael J. Eddy and Natilie A. Eddy, h/w	
		Northeast Natural Energy LLC	
		Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	
		XTO Energy Inc.	

TRACT ID	SURFACE OWNER	LESSOR	PIN
68B	Opal Howard	Bounty Minerals, LLC	1-18-8
		Lola Drilling I, LLC	
		Rice Drilling B LLC	
		Raymond P. Gaston, aka Ray Gaston, aka Ray Parish Gaston, and Pamela J. Gaston	
		P&P Fujimo LLC	
		R. Parrish Gaston	
		Paul R. Gaston	
		EQT Production Company	
		Janet Watkins	
		Rose Marie Shape	
		Ruth Ann Tallman	
		Juanita Ely	
		Benjamin C. Wirick	
		Vivian Petoskey	
		Morris Mountaineer Oil and Gas LLC	
		Sidney Austin Smith Trust LLC	
		Thomas E. Ross	
		Richard M. Ross	
		Debra L. Mason and Richard A. Mason	
		Carol Curtis	
		Dwight E. Jackson	
		Judy Wirick	
		Dwight Herd	
		Michael Delbert Herd	
		Christine Ann Boyd	
		Charles Patrick Herd and Leane C. Herd	
		Bruce A. Davie, Jr.	
		Polly Anna Eddy Morrison Fryman	
		Robert W. Davie and Lisa D. Davie	
		Jerry L. Hoffman	
		Cheryl J. Bosse	
		Rodney A. Bosse	
		Clarence S. Willard	
		JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Gary A. Spragg	
		Richard A. Stewart	
		Joyce Lydic	
		Thomas L. Hoffman	
		Kyle J. Davie	
		Summer G. Johnson	
		Jessica L. Baum a/k/a Jessica L. Gerwells	
		James Eric Davie	
		Susan Kimbrell	
		Daniel Bailes	
		Joel Bailes	
		Randall M. Spragg and Lisa M. Spragg, Co-Trustees under Revocable Trust Agreement of Randall M. Spragg, dated October 24, 2007	
		Toledo Animal Shelter	
		WV Minerals, Inc.	
		Sharon M. Flann	
		Stephen J. Dawson	
		Martha E. Menzies and William S. Menzies	
		Andrew T. Stewart and Cathy Stewart	
		Betty Pitcock	
		Kelly J. Kelly and Dennis Kelly	
		Charlene K. Crapnell and Larry E. Crapnell	
		Darlene Newson and Michael Newson	
		Ricky Kaye Peaslee	
		Opal Howard	
		Maxine Wirick	
		Staci L. Dawson	
		Wilma J. Ross	
		Amber N. Cubberly and Dustin Cubberly, her husband	
		Christina K. Benson and James B. Benson, her husband	
		James E. Eddy and Ronda S. Eddy, his wife	
		Kenneth R. Eddy and Natalie A. Eddy, his wife	
		Mary Lou Verbosky	
		Louise A. Stewart England	
		Michael J. Eddy and Natilie A. Eddy, h/w	
		Judy Ann Heston	
		Donna Fay Hibbs	
		Denzil Ray Hibbs	
		Janie Loise Gram	
		Northeast Natural Energy LLC	
		Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	
		XTO Energy Inc.	
TRACT ID	SURFACE OWNER	LESSOR	PIN
78	Harry Bradley, et ux, et al	Bounty Minerals II Acquisitions, LLC	1-18-14 1-18-14.1 THROUGH 1-18-14.5
		Lola Drilling I, LLC	
		Rice Drilling B LLC	
		Virginia L. Law	
		Janet Watkins	
		Juanita Ely	
		Rose Marie Shape	
		Walter M. Stewart II	
		Vivian Petoskey	
		Benjamin Wirick	
		Kelly J. Kelly	
		Ruth Ann Tallman	
		B. Eleanor Crowley	
		Betty Pitcock	
		Darlene Newsom	
		Diane R. Kalafsky	
		William H. Mace	
		Daniel R. Crowley	
		Charlene Crapnell	
		Harold P. Stewart, Jr.	
		Diana Lynn Stewart	
		Louise A. Stewart England	
		Byron E. Stewart, II	
		John A. Eddy	

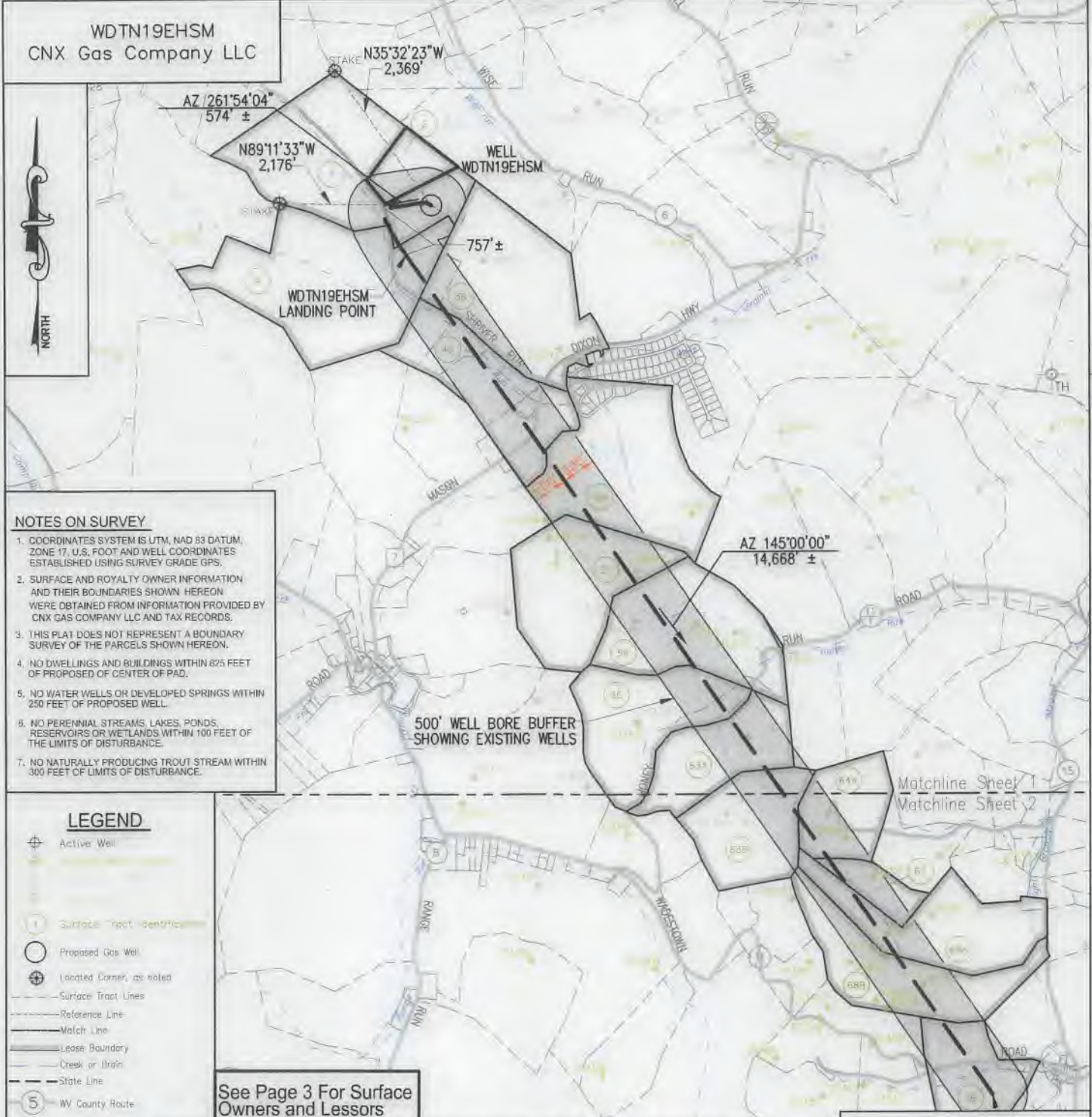
09/02/2022



API WELL NO
47 - 061 - 01903
STATE COUNTY PERMIT

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Paula Kalafsky	
		Laraine Metheny	
		Thomas William Crowley	
		Brentyn M. Mace	
		Greg W. Mace	
		Janet Boord	
		Martha Menzies and Harold D. Rogers, as trustees of the Martha Menzies Trust	
		Morris Mountaineer Oil and Gas LLC	
		Sidney Austin Smith Trust LLC	
		Thomas E. Ross	
		Richard M. Ross	
		Debra L. Mason	
		Carol Curtis	
		Dwight E. Jackson	
		Judy Wirick	
		Dwight Herd	
		Michael Delbert Herd	
		Christine Ann Boyd	
		Charles Patrick Herd	
		Bruce A. Davie, Jr.	
		Polly Fryman	
		Robert W. Davie	
		Jerry L. Hoffman	
		Cheryl J. Bosse	
		Rodney A. Bosse	
		JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	
		Robert Lee Mace III	
		Jeffrey R. Mace	
		Kyle J. Davie	
		Summer G. Johnson	
		Jessica L. Baum, a/k/a Jessica L. Gerwells	
		James Eric Davie	
		Susan Kimbrell	
		Richard A. Stewart	
		Andrew T. Stewart	
		Joyce Lydic	
		Thomas L. Hoffman	
		Lois Esspeshade	
		Judith Gashie	
		Margo Urbany Joyce	
		Hyla N. Urbany	
		Toledo Animal Shelter	
		Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	
		XTO Energy Inc.	

09/02/2022



NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 825 FEET OF PROPOSED CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well
- Surface Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Match Line
- Lease Boundary
- Creek or Drain
- State Line
- WV County Route
- WV State Route

See Page 3 For Surface Owners and Lessors

() Denotes Location of Well on United States Topographic Maps



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.

Thomas C. Smit
L. L. S. 687



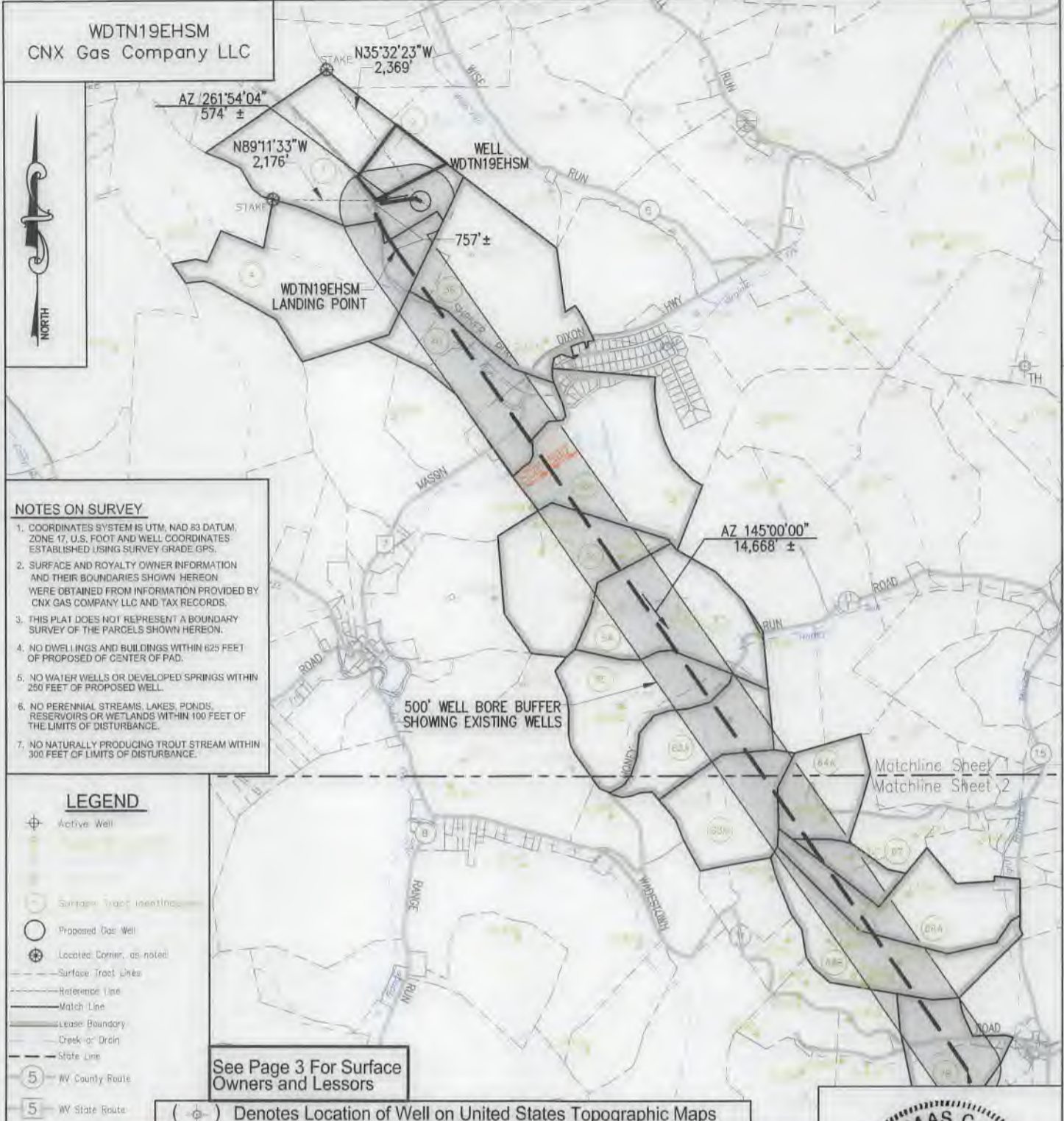
FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: JULY 22 20 22
OPERATORS WELL NO: WDTN19 EHSM
API WELL NO: 47 - 061 - 01903
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
 DISTRICT: Batelle COUNTY: Monongalia
 SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
 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
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'
 WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
 ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
 Canonsburg, PA 15317 Canonsburg, PA 15317

09/02/2022



NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well
- Surface Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Match Line
- Lease Boundary
- Creek or Drain
- State Line
- WV County Route
- WV State Route

See Page 3 For Surface Owners and Lessors

() Denotes Location of Well on United States Topographic Maps



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.

Thomas C. Smit

L. L. S. 687



SEAL

FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: JULY 22 20 22
OPERATORS WELL NO: WDTN19 EHSM
API WELL NO: 47 - 061 - 01903
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
 DISTRICT: Batelle COUNTY: Monongalia
 SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
 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
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'
 WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
 ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
 Canonsburg, PA 15317 Canonsburg, PA 15317

09/02/2022

LATITUDE 39° 40' 00" BH: 4115'

LONGITUDE 80° 17' 30" BH: 2890'

WDTN19EHSM
CNX Gas Company LLC



500' WELL BORE BUFFER
SHOWING EXISTING WELLS

AZ 145°00'00"
14,668' ±

WDTN19EHSM
BOTTOM HOLE

NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well
- Surface Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Match Line
- Lease Boundary
- Creek or Drain
- State Line
- WV County Route
- WV State Route

See Page 3 For Surface Owners and Lessors

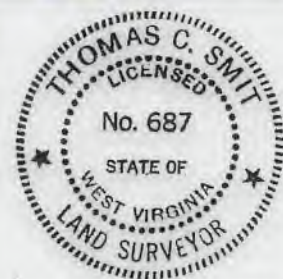
() Denotes Location of Well on United States Topographic Maps



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.

Thomas C. Smit

L. L. S. 687



SEAL

FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



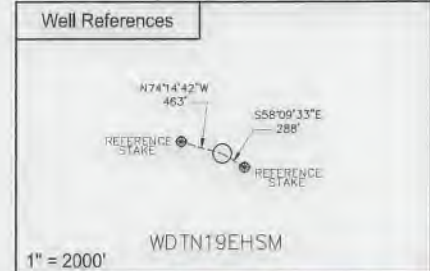
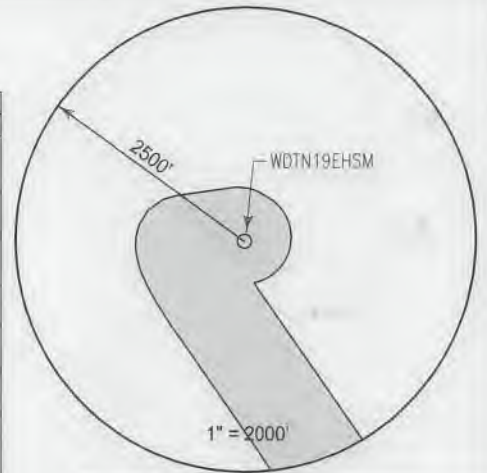
DATE: JULY 22 20 22
OPERATORS WELL NO:
API WELL NO
47 - 061 -
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Batelle COUNTY: Monongalia
SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
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
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
Canonsburg, PA 15317 Canonsburg, PA 15317

09/02/2022

TRACT 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 of 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	
2	CNX Gas Company LLC	Three Rivers Royalty, II, LLC	1-8-9
		Jack T. Livengood and Mary Jo Livengood	
		Elizabeth L. March	
		Debora Rae Manning, a/k/a Deborah R. Manning, a/k/a	
		Debora R. Manning and Robert Manning	
		Kathryn Rew Becker and Michael Compton	
4	David Troy Beckner, et al	Mary Jane Beckner, Life Estate, widow and Troy David Beckner and Janet Lee Smith, Remaindermen, JTROS	1-8-10
		Antero Resources Corporation	



SURFACE HOLE LOCATION (SHL)	
UTM 17 NAD 83	
N: 4383944.871	
E: 558994.084	
NAD 83, WV NORTH	
N: 435781.455	
E: 1733461.600	
LAT/LON DATUM NAD 83	
LAT: 39°41'36.408"	
LO: 80°20'06.981"	
LANDING POINT	
UTM 17 NAD 83	
N: 4393728.705	
E: 556885.556	
NAD 83, WV NORTH	
N: 435078.086	
E: 1733093.596	
LAT/LON DATUM NAD 83	
LAT: 39°41'29.423"	
LO: 80°20'11.605"	

WDTN19 WELL PAD	
WDTN19EHSM	
WDTN19DHSM	
WDTN19CHSM	
WDTN19AHSM	
WDTN19BHSM	
WDTN19FHSM	
WDTN19RHSM	
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	
N: 4390110.902	
E: 559509.739	
NAD 83, WV NORTH	
N: 423062.924	
E: 1741506.154	
LAT/LON DATUM NAD 83	
LAT: 39°39'31.437"	
LO: 80°18'22.608"	

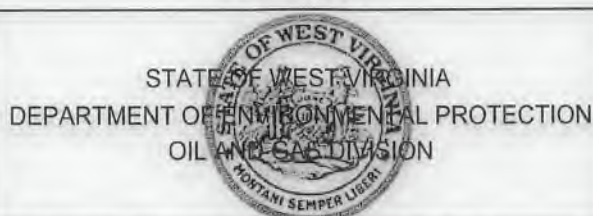


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Thomas C. Smit
L. L. S. 687



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: JULY 22 20 22
OPERATORS WELL NO: WDTN19EHSM
API WELL NO: 47 - 061 - 01903
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION ELEVATION: 1264.30' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Batelle COUNTY: Monongalia

SURFACE OWNER: CNX Gas Company LLC ACREAGE: 96.91 ±
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
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,913'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Consol Energy Drive ADDRESS: 1000 Consol Energy Drive
Canonsburg, PA 15317 Canonsburg, PA 15317

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
36	George D. Six, et al	William B. Richardson	1-8-11 1-8-11.1 1-13-24 1-13-25 1-13B-81 1-13B-85 1-13B-86 1-13B-87
		CNG Producing Company Dominion Exploration and Production, Inc. Antero Resources Appalachian Corporation Dominion Exploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	
40	David K. Tennant, et ux, et al	James B. Reeder, in his capacity as the incumbent and currently acting Trustee of the Jim Bob Revocable Trust	1-13-23 1-13-23.1 THROUGH 1-13-23.8
		Carolyn R. Greiner, in her capacity as agent and attorney-in-fact for and on behalf of William F. Reeder Stephen B. Ferguson, in his capacity as the incumbent and currently acting Trustee of the Margaret R. Ferguson Revocable Trust Carolyn R. Greiner, in her capacity as the incumbent and currently acting trustee of the Carolyn R. Greiner Trust of 1999 Louise Reeder Seeton, in her capacity as the incumbent and currently acting trustee of the Louise Reeder Seeton Trust, a Revocable inter vivos trust created 8/13/1993 Thomas Bradley Reeder, in his capacity as the incumbent and currently acting trustee of the Reeder Living Trust of 2008 Carolyn R. Greiner, in her capacity as agent and attorney-in-fact for and on behalf of Susan Reeder Ruffatto, aka, Susan Reeder Ruffatto	
42H	CNX RCPC LLC, et al	Norman Core, Gregory Shriver, and Francis M. Bland, Trustees of West Warren Baptist Church	1-13-24 1-13-25 1-13B-41 THROUGH 1-13B-54
		CNG Producing Company Dominion Exploration and Production, Inc. Antero Resources Appalachian Corporation Dominion Exploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	
51	Thomas W. Sanders	Ronald W. Wade	1-13-26
		Northeast Natural Energy LLC	
54	Jacqueline Carol Cowell	Ginger L. Brookover	1-13-27
		Douglas Haught Keith Haught Michael Haught Jacqueline Carol Cowell, widow	
55	Jacqueline Carol Cowell	Ginger L. Brookover	1-13-27
		Douglas Haught Keith Haught Michael Haught Jacqueline Carol Cowell, widow	
63A	Richard A. Bartolomew, et al	William G. and Betty J. Cross, his wife	1-13-28
		CNG Producing Company Dominion Exploration and Production, Inc. Antero Resources Appalachian Corporation Dominion Exploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	
63B	Richard A. Bartolomew, et al	William G. and Betty J. Cross, his wife	1-13-28 1-13-29
		CNG Producing Company Dominion Exploration and Production, Inc. Antero Resources Appalachian Corporation Dominion Exploration and Production, Inc. Consol Gas Company CNX Gas Company LLC Noble Energy, Inc.	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
64A	Eric Dale Chisler	John Marvin Douthat and Edith Anette Douthat	1-13-29
		Amy Mowrey and Greg L. Mowrey	
		Robert L. Fordyce and Lynda Fordyce	
		Kevin Davis	
		T. Charles Truscott	
		Barbara Ann Renfroe and Travis L. Renfroe	
		William A. Douthat	
		Virginia Sibley Walker, by Bryan Adris Robison, II, as her Agent	
		Jean T. Eberly, f/k/a Jean Craig Eberly	
		Janis L. Truscott	
		Mary Gray Walker	
		Virginia May Oliveto and Joseph F. Oliveto	
		Margaret M. Collins and Vincent A. Collins	
		Kelly Ann King Boggia f/k/a Kelly King and Michael J. Boggia, w/h	
		Richard R. Morris and Robin T. Morris	
		John H. Morris, Jr. and Susan H. Morris	
		Harold C. Moore and Darlene E. Moore	
		Helen Fox	
		Holly Swartz and Jeff N. Swartz	
		Steven T. Truscott and Carol A. Truscott	
		Lawrence P. Scarnecchia and Christine Lynn Scarnecchia	
		Samuel L. Scarnecchia and Tami J. Scarnecchia	
		Vera K. Hoskinson, f/k/a Vera Matthews and Ronald L. Hoskinson	
		Krystal Tarkenton and Brian J. Tarkenton, w/h	
		Toni Ann Swoyer and David W. Swoyer	
		JoAnn Barzanti and Terry W. Barzanti	
		Lawrence Morris and Danneal Morris	
		Lenard Paul Fordyce	
		Brian Fox and Lisa D. Fox	
		Hartzell D. Fordyce and Mary A. Fordyce	
		Clydie Ray Fordyce and Connie Lou Fordyce	
		Shirley Cain and Victor F. Cain	
		Carolyn J. Butts, f/k/a Carolyn Fordyce and Bernard E. Butts	
		Gareald Fordyce and Carol L. Fordyce	
		Thomas M. Truscott and Nancy P. Truscott	
		Floriene Dulaney and Danny J. Dulaney	
		Anna P. Carpenter f/k/a Anna Pearl Efaw and Kenneth E. Carpenter	
		William J. Taylor	
		Margaret Kovalcheck	
		Cecilia J. Reynolds and John E. Reynolds	
		Richard Calvin Fordyce	
		Patricia A. Lemley and Ronald G. Lemley	
		Clarence C. David and Patricia Davis	
		Leanna Bosley	
		Peggy Catherine Mcle, a/k/a Peggy Fox Mcle	
		Liane M. Culver	
		Curtis Earl Fordyce	
		Janet C. Johnson and Richard B. Johnson	
		James Russell Cornelius and Julie K. O'Brien	
		Ralph Parks Cornelius and Laura D. Corneliu	
		William Terrell Cornelius	
		Keith Alltucker	
		Scott Mick	
		Shirley Cornelius Hipp and Richard A. Hipp	
		Janet Casteel and Donald L. Casteel	
		Louis Frederick Morris and Carol L. Morris	
		Debra Lough a/k/a Deborah M. Lough	
		Joann Coffman and Darrel L. Coffman	
		Judith Lynn Hawkins and John F. Hawkins	
		Kevin Mick and Linda K. Mick, h/w	
		Barbara F. Roberts	
		Marsha J. Newton	
		Suzanne M. Switalski and Dale R. Switalski	
		Kimberly S. Fox and John J. Gula	
		Scott B. Roberts and M. Teresa Roberts	
		Sara Katherin Van Gilder, a/k/a Kathy Van Gilder	
		Donald L. Lockhart and Diane M. Lockhart, h/w	
		Alvin Mick	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Nodena Sloan	
		Brad Lee Miller	
		Dennis R. Roberts and Barbara R. Roberts	
		Eric S. Sowden	
		Larry P. Sowden	
		Walter Lloyd Rinehart	
		Robert Leo Fordyce	
		Jeffrey Harman and Janet Harman	
		Rosalie Leanne Martin	
		David S. Sowden, Jr.	
		Steven M. Anders and Diane M. Anders	
		Brandy Conner	
		Nancy Dean Holt and Gary K. Holt	
		Jeri Lee Mullins	
		Rebecca Ann Gonczy	
		Tonya D. Bering	
		James C. W. White	
		Steve A. Konya	
		John L. Harman and Kathleen F. Harman	
		Peter Love	
		David R. Sturgiss, Jr.	
		Sally Warrington	
		Joseph Johnston	
		Susan Gawdyda, f/k/a Susan L. Jackson	
		Lydia Darlene Janson, a/k/a Darlene Janson	
		Mary C. Roy	
		Revis D. Johnston and Llanda Johnston, h/w	
		Verneda C. King, by Sandra L. Ruhl, Attorney-in-Fact	
		Richard L. Carlson	
		Angela Denise Fulton	
		Junior Lee Fordyce	
		Michael C. Fluharty and Kathryn A. Fluharty	
		Wanda Faye Blaney	
		Roberta L. King-Crapo	
		Daniel O. Toothman	
		Katherine A. Kulish, f/k/a Katherine A. Webb Fordyce	
		Carol Yvonne Jones, single, f/k/a Carol Yvonne Campbell D'Amico	
		Paul J. Oates	
		Wendell Wayne Knight	
		Lisa Jo Barnette	
		Leonard R. Oates, Jr.	
		Eric B. Oates	
		Aida M. Everhart, a/k/a Ida M. Everhart	
		James V. Hall, Sr.	
		Nancy J. Bock	
		Peter A. Nicoletti and Joetta K. Nicoletti	
		Lisa Dawn Lucas	
		Kelly Dale Knight	
		Kevin W. Alltucker	
		Valerie Hayes and Richard A. Hayes	
		Bryan Carter	
		Renee Rutter	
		Irene Harvey	
		Kip Foster Knight	
		Eric Dale Chisler and Cassandra Ann Chisler	
		Carol J. Freeze	
		Ashlee N. White	
		Shuman Inc.	
		Janet Sue Beveridge	
		Jerri Doreen Richards	
		Debra N. Straight	
		Cynthia H. Jones, f/k/a Cynthia H. Carpenter	
		Dennis L. Efaw	
		Beth Sanders	
		Douglas K. Efaw	
		Ruth Brady	
		Gary D. Harker	
		Beverly Workman	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Velma Luttrell	
		Crystal A. Brennan	
		Suzanne Jean Pace	
		Marvin M. Carter	
		Mary Ruth Efaw	
		Marjorie Efaw	
		Jean Karstetter a/k/a Jeanne Karstetter	
		Andrea McDaniel	
		Edward Garner	
		Dailor Fox	
		Adam Carpenter	
		Alcinda Jean Sanders	
		Amelia Jacques Fluharty	
		Anita C. Mire	
		Ashley Ice	
		Autumn Gissinger	
		Barry Miller	
		Becca Sanders	
		Becky Newman	
		Betty Jean Huffman	
		Billy Haddix	
		Darlene Bonnie Martin	
		Brenda Price	
		Bruce Miller	
		Carol Jean Mendicino	
		Christopher Allen Harbert	
		Corrine Parker Bates	
		Cynthia Denise Schum	
		Daniel Jason Widen	
		Darren Sloan	
		Diane Santana	
		Dottie Lou Maltarich, f/k/a Dottie Lou Lowery, f/k/a Dottie Lou Fordyce	
		Ethel Elizabeth Snider	
		Eugene Amos Holland II	
		Fred Fordyce	
		Greg Anders	
		Heather Obleada	
		Janet Cernuska	
		Jeremy Jamison	
		Jo Billy Fluharty	
		Joanne Girard	
		Jody Ice	
		John W. Hawkins	
		Kathy Locke	
		Larry L. Eddy	
		Lawrence Lee Hayes	
		Levi Sanders	
		Linda Junice Jamison	
		Michael J. Alltucker	
		Mike Haddix	
		Miranda Jamison	
		Nancy Berkheiser	
		Nathan White	
		Pamela Erickson	
		Patricia Williamson	
		Patricia Stentz	
		Paul Reed Anders	
		Paul Ice	
		Paul Harn	
		Paula Wukovich	
		Paula Eddy	
		Peggy Perkins	
		Rachel Elizabeth Campbell	
		Rachael Jamison	
		Raemon Earl Everhart	
		Ralph H. King	
		Rebecca Smith	
		Scott V. Alltucker	
		Sharon L. Smith	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Sharon Gailey	
		Sharon McCluskey	
		Sharon Rose Romanowski	
		Shirley Yoho	
		Stanton Sloan	
		Susan Jean Bering	
		Susan Lynn Burcham	
		Terry White	
		Troy Bilick	
		Virgil Lee Connors	
		William S. Reed	
		Mark Shane Ice	
		Mark Lane Hayes, Sr.	
		Mary Rebecca Jamison	
		Mathew Jamison	
		Matthew Sloan	
		Stephen Carter	
		Ernest Ray Connors	
		Rhonda K. Streets	
		Lonnie Irvin Howard	
		Martha D. King	
		Margaret Underwood	
		Mary Francis Murphy Warren	
		Kenneth Murphy	
		David C. Sloan	
		Owen White, Jr.	
		Mary Sue (Suzanna) White Wirth	
		Marilyn B. Thorpe	
TRACT ID	SURFACE OWNER	LESSOR	PIN
67	Roy D. Chisler, et ux	Kimeric and Company, LLC	1-18-9
		Northeast Natural Energy LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
68A	Roy D. Chisler, et ux	Raymond P. Gaston, aka Ray Gaston, aka Ray Parish Gaston, and Pamela J. Gaston	1-18-9 1-18-10
		P&P Fujimo LLC	
		R. Parrish Gaston	
		Paul R. Gaston	
		EQT Production Company	
		Janet Watkins	
		Rose Marie Shape	
		Ruth Ann Tallman	
		Juanita Ely	
		Benjamin C. Wirick	
		Vivian Petoskey	
		Morris Mountaineer Oil and Gas LLC	
		Sidney Austin Smith Trust LLC	
		Thomas E. Ross	
		Richard M. Ross	
		Debra L. Mason and Richard A. Mason	
		Carol Curtis	
		Dwight E. Jackson	
		Judy Wirick	
		Dwight Herd	
		Michael Delbert Herd	
		Christine Ann Boyd	
		Charles Patrick Herd and Leane C. Herd	
		Bruce A. Davie, Jr.	
		Polly Anna Eddy Morrison Fryman	
		Robert W. Davie and Lisa D. Davie	
		Jerry L. Hoffman	
		Cheryl J. Bosse	
		Rodney A. Bosse	
		Clarence S. Willard	
		JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	
		Gary A. Spragg	
		Richard A. Stewart	
		Joyce Lydic	
		Thomas L. Hoffman	
		Kyle J. Davie	
		Summer G. Johnson	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Jessica L. Baum a/k/a Jessica L. Gerwells	
		James Eric Davie	
		Susan Kimbrell	
		Wendy Dawn Lemley	
		Randall M. Spragg and Lisa M. Spragg, Co-Trustees under Revocable Trust Agreement of Randall M. Spragg, dated October 24, 2007	
		Toledo Animal Shelter	
		Roy Dale Chisler and Twyla Leah Chisler	
		WV Minerals, Inc.	
		Sharon M. Flann	
		Stephen J. Dawson	
		Martha E. Menzies and William S. Menzies	
		Andrew T. Stewart and Cathy Stewart	
		Betty Pitcock	
		Kelly J. Kelly and Dennis Kelly	
		Charlene K. Crapnell and Larry E. Crapnell	
		Darlene Newson and Michael Newson	
		Ricky Kaye Peaslee	
		Maxine Wirick	
		Staci L. Dawson	
		Wilma J. Ross	
		Amber N. Cubberly and Dustin Cubberly, her husband	
		Christina K. Benson and James B. Benson, her husband	
		James E. Eddy and Ronda S. Eddy, his wife	
		Kenneth R. Eddy and Natalie A. Eddy, his wife	
		Mary Lou Verbosky	
		Louise A. Stewart England	
		Michael J. Eddy and Natilie A. Eddy, h/w	
		Northeast Natural Energy LLC	
		Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	
		XTO Energy Inc.	

TRACT ID	SURFACE OWNER	LESSOR	PIN
68B	Opal Howard	Bounty Minerals, LLC	1-18-8
		Lola Drilling I, LLC	
		Rice Drilling B LLC	
		Raymond P. Gaston, aka Ray Gaston, aka Ray Parish Gaston, and Pamela J. Gaston	
		P&P Fujimo LLC	
		R. Parrish Gaston	
		Paul R. Gaston	
		EQT Production Company	
		Janet Watkins	
		Rose Marie Shape	
		Ruth Ann Tallman	
		Juanita Ely	
		Benjamin C. Wirick	
		Vivian Petoskey	
		Morris Mountaineer Oil and Gas LLC	
		Sidney Austin Smith Trust LLC	
		Thomas E. Ross	
		Richard M. Ross	
		Debra L. Mason and Richard A. Mason	
		Carol Curtis	
		Dwight E. Jackson	
		Judy Wirick	
		Dwight Herd	
		Michael Delbert Herd	
		Christine Ann Boyd	
		Charles Patrick Herd and Leane C. Herd	
		Bruce A. Davie, Jr.	
		Polly Anna Eddy Morrison Fryman	
		Robert W. Davie and Lisa D. Davie	
		Jerry L. Hoffman	
		Cheryl J. Bosse	
		Rodney A. Bosse	
		Clarence S. Willard	
		JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Gary A. Spragg	
		Richard A. Stewart	
		Joyce Lydic	
		Thomas L. Hoffman	
		Kyle J. Davie	
		Summer G. Johnson	
		Jessica L. Baum a/k/a Jessica L. Gerwells	
		James Eric Davie	
		Susan Kimbrell	
		Daniel Bailes	
		Joel Bailes	
		Randall M. Spragg and Lisa M. Spragg, Co-Trustees under Revocable Trust Agreement of Randall M. Spragg, dated October 24, 2007	
		Toledo Animal Shelter	
		WV Minerals, Inc.	
		Sharon M. Flann	
		Stephen J. Dawson	
		Martha E. Menzies and William S. Menzies	
		Andrew T. Stewart and Cathy Stewart	
		Betty Pitcock	
		Kelly J. Kelly and Dennis Kelly	
		Charlene K. Crapnell and Larry E. Crapnell	
		Darlene Newson and Michael Newson	
		Ricky Kaye Peaslee	
		Opal Howard	
		Maxine Wirick	
		Staci L. Dawson	
		Wilma J. Ross	
		Amber N. Cubberly and Dustin Cubberly, her husband	
		Christina K. Benson and James B. Benson, her husband	
		James E. Eddy and Ronda S. Eddy, his wife	
		Kenneth R. Eddy and Natalie A. Eddy, his wife	
		Mary Lou Verbosky	
		Louise A. Stewart England	
		Michael J. Eddy and Natilie A. Eddy, h/w	
		Judy Ann Heston	
		Donna Fay Hibbs	
		Denzil Ray Hibbs	
		Janie Loise Gram	
		Northeast Natural Energy LLC	
		Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	
		XTO Energy Inc.	
TRACT ID	SURFACE OWNER	LESSOR	PIN
78	Harry Bradley, et ux, et al	Bounty Minerals II Acquisitions, LLC	1-18-14 1-18-14.1 THROUGH 1-18-14.5
		Lola Drilling I, LLC	
		Rice Drilling B LLC	
		Virginia L. Law	
		Janet Watkins	
		Juanita Ely	
		Rose Marie Shape	
		Walter M. Stewart II	
		Vivian Petoskey	
		Benjamin Wirick	
		Kelly J. Kelly	
		Ruth Ann Tallman	
		B. Eleanor Crowley	
		Betty Pitcock	
		Darlene Newsom	
		Diane R. Kalafsky	
		William H. Mace	
		Daniel R. Crowley	
		Charlene Crapnell	
		Harold P. Stewart, Jr.	
		Diana Lynn Stewart	
		Louise A. Stewart England	
		Byron E. Stewart, II	
		John A. Eddy	

09/02/2022

TRACT ID	SURFACE OWNER	LESSOR	PIN
		Paula Kalafsky	
		Laraine Metheny	
		Thomas William Crowley	
		Brentyn M. Mace	
		Greg W. Mace	
		Janet Boord	
		Martha Menzies and Harold D. Rogers, as trustees of the Martha Menzies Trust	
		Morris Mountaineer Oil and Gas LLC	
		Sidney Austin Smith Trust LLC	
		Thomas E. Ross	
		Richard M. Ross	
		Debra L. Mason	
		Carol Curtis	
		Dwight E. Jackson	
		Judy Wirick	
		Dwight Herd	
		Michael Delbert Herd	
		Christine Ann Boyd	
		Charles Patrick Herd	
		Bruce A. Davie, Jr.	
		Polly Fryman	
		Robert W. Davie	
		Jerry L. Hoffman	
		Cheryl J. Bosse	
		Rodney A. Bosse	
		JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	
		Robert Lee Mace III	
		Jeffrey R. Mace	
		Kyle J. Davie	
		Summer G. Johnson	
		Jessica L. Baum, a/k/a Jessica L. Gerwells	
		James Eric Davie	
		Susan Kimbrell	
		Richard A. Stewart	
		Andrew T. Stewart	
		Joyce Lydic	
		Thomas L. Hoffman	
		Lois Esspeshade	
		Judith Gashie	
		Margo Urbany Joyce	
		Hyla N. Urbany	
		Toledo Animal Shelter	
		Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	
		XTO Energy Inc.	

09/02/2022

WW-6A1
(5/13)

Operator's Well No. WDTN19EHSM

**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 –

- (1) 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

JUL 27 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: CNX Gas Company LLC
 By: David Weisen
 Its: Permitting Services Dept

Attachment - Form WV-6A-1 for WDTN19ERSM

Tract ID	Tax Map & Parcel #	Title Opinion QLS	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page				
1	1-8-9 205228000	#	CNX Gas Company LLC	Hugh Kirkland	CNX Gas Company LLC	Fee	1611/49				
				Jack T. Livengood and Mary Jo Livengood	CNX Gas Company LLC	Fee	1611/52				
				Barbara Haning	CNX Gas Company LLC	Fee	1622/101				
				Diane H. Gonclaves, individually and co-executor of the Edward Lee North Estate	CNX Gas Company LLC	Fee	1629/420				
				Patrick Lee North	CNX Gas Company LLC	Fee	1629/411				
				Melissa Kubishke	CNX Gas Company LLC	Not less than 1/8	1613/383				
				Catherine C. Kirkland	CNX Gas Company LLC	Not less than 1/8	1613/424				
				Louise H. Berg, as Trustee of the The Louise H. Berg Revocable Trust	CNX Gas Company LLC	Not less than 1/8	1613/419				
				Sherry Lemons	CNX Gas Company LLC	Not less than 1/8	1613/388				
				Christine A. Kirkland, as Trustee of the Christine A. Kirkland Trust	CNX Gas Company LLC	Not less than 1/8	1613/429				
				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 LLC	Not less than 1/8	1622/173				
				Zachary C. Haning	CNX Gas Company LLC	Not less than 1/8	1622/209				
				Mary Hennen	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 LLC	Not less than 1/8	1622/168				
				Sarah C. Sheridan	CNX Gas Company LLC	Not less than 1/8	1620/140				
				Kathleen Farmer	CNX Gas Company LLC	Not less than 1/8	1620/160				
				Anne W. Haning	CNX Gas Company LLC	Not less than 1/8	1620/171				
				David Michael Hennen	CNX Gas Company LLC	Not less than 1/8	1620/176				
				John K. Hennen	CNX Gas Company LLC	Not less than 1/8	1621/324				
				Robert Douglas Hennen	CNX Gas Company LLC	Not less than 1/8	1622/183				
				Elizabeth L. March	CNX Gas Company LLC	Not less than 1/8	1613/494				
				Three Rivers Royalty, II, LLC	CNX Gas Company LLC	Not less than 1/8	1616/658				
				Debra Rae Manning, a/k/a Deborah R. Manning, a/k/a Debora R. Manning and Robert Manning, w/h	CNX Gas Company LLC	Not less than 1/8	1627/648				
				Kathryn Rew Becker and Michael Compton, w/h	CNX Gas Company LLC	Not less than 1/8	1625/420				
				BOKF, N.A. as Sole Trustee of the Alma Kirkland Revocable Trust	CNX Gas Company LLC	Not less than 1/8	1631/94				
				Gail T. Bellucci	Northeast Natural Energy LLC	Not less than 1/8	1630/158				
				Northeast Natural Energy LLC	CNX Gas Company LLC	Assignment	154/99				
				2	1-8-9 189014000	#	CNX Gas Company LLC	Three Rivers Royalty, II, LLC	CNX Gas Company LLC	Not less than 1/8	1616/658
								Jack T. Livengood and Mary Jo Livengood	CNX Gas Company LLC	Not less than 1/8	1611/52
								Elizabeth L. March	CNX Gas Company LLC	Not less than 1/8	1613/434
								Debra Rae Manning, a/k/a Deborah R. Manning, a/k/a Debora R. Manning and Robert Manning	CNX Gas Company LLC	Not less than 1/8	1627/648
								Kathryn Rew Becker and Michael Compton	CNX Gas Company LLC	Not less than 1/8	1625/420
4	1-6-10 189649000	#	David Troy Beckner, et al	Mary Jane Beckner, Life Estate, widow and Troy David Beckner and Janet Lee Smith, Remaindermen, JTR05	Antero Resources Corporation	Not less than 1/8	1617/142				
				Antero Resources Corporation	CNX Gas Company LLC	Assignment	139/186				
36	1-8-11 1-8-11.1 1-13-24 1-13-25 1-13B-81 1-13B-85 1-13B-86 1-13B-87	#	George D. Siv, et al	William B. Richardson	CNG Producing Company	Not less than 1/8	1134/620				
				CNG Producing Company	Dominion Exploration and Production, Inc.	Name Change	DE Secretary of State				
				Dominion Exploration and Production, Inc.	Antero Resources Appalachian Corporation	Assignment	102/797				
				Antero Resources Appalachian Corporation	Dominion Exploration and Production, Inc.	Assignment	103/594				
				Dominion Exploration and Production, Inc.	Consol Gas Company	Name Change	60/7				
				Consol Gas Company	CNX Gas Company LLC	Merger	2/424				
				CNX Gas Company LLC	Noble Energy, Inc.	Assignment	113/459				
				Noble Energy, Inc.	CNX Gas Company LLC	Assignment	131/939				
				40	1-13-23 1-13-23.1 THROUGH 1-13-23.8	#	David K. Tennant, et ux, et al	James B. Reeder, in his capacity as the incumbent and currently acting Trustee of the Jim Bob Revocable Trust	CNX Gas Company LLC	Not less than 1/8	1736/182
								Carolyn R. Greiner, in her capacity as agent and attorney-in-fact for and on behalf of William F. Reeder	CNX Gas Company LLC	Not less than 1/8	1736/202
								Stephen B. Ferguson, in his capacity as the incumbent and currently acting Trustee of the Margaret R. Ferguson Revocable Trust	CNX Gas Company LLC	Not less than 1/8	1736/197
								Carolyn R. Greiner, in her capacity as the incumbent and currently acting trustee of the Carolyn R. Greiner Trust of 1959	CNX Gas Company LLC	Not less than 1/8	1736/192
								Louise Reeder Seeton, in her capacity as the incumbent and currently acting trustee of the Louise Reeder Seeton Trust, a Revocable Inter vivos trust created 8/13/1993	CNX Gas Company LLC	Not less than 1/8	1736/207
Thomas Bradley Reeder, in his capacity as the incumbent and currently acting trustee of the Reeder Living Trust of 2008	CNX Gas Company LLC	Not less than 1/8	1736/187								
Carolyn R. Greiner, in her capacity as agent and attorney-in-fact for and on behalf of Susan Reeder Ruffatto, aka, Susan Reeder Ruffatto	CNX Gas Company LLC	Not less than 1/8	1736/177								
42H	1-13-25 1-13B-41 THROUGH 1-13B-54	#	CNX RCPC LLC, et al					Norman Core, Gregory Shriver, and Francis M. Bland, Trustees of West Warren Baptist Church	CNG Producing Company	Not less than 1/8	1141/491
								CNG Producing Company	Dominion Exploration and Production, Inc.	Name Change	DE Secretary of State
								Dominion Exploration and Production, Inc.	Antero Resources Appalachian Corporation	Assignment	102/797
				Antero Resources Appalachian Corporation	Dominion Exploration and Production, Inc.	Assignment	103/594				
				Dominion Exploration and Production, Inc.	Consol Gas Company	Name Change	60/7				
				Consol Gas Company	CNX Gas Company LLC	Merger	2/424				
				CNX Gas Company LLC	Noble Energy, Inc.	Assignment	113/459				
				Noble Energy, Inc.	CNX Gas Company LLC	Assignment	131/939				
				51	1-13-26 204985000	#	Thomas W. Sanders	Ronald W. Wade	Northeast Natural Energy LLC	Not less than 1/8	1643/7
								Northeast Natural Energy LLC	CNX Gas Company LLC	Assignment	131/44

RECEIVED
Office of Oil and Gas
09/02/2022
WV Department of Environmental Protection

4706101903

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Surface Owner</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
54	1-13-27	204986000	Jacqueline Carol Cowell	Ginger L. Brookover Douglas Haught Keith Haught Michael Haught Jacqueline Carol Cowell, widow	CNX Gas Company LLC CNX Gas Company LLC 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 Not less than 1/8 Not less than 1/8	1510/823 1514/551 1522/551 1520/449 1666/766

RECEIVED
Office of Oil and Gas

JUL 27 2022

09/02/2022
Environmental Protection

Rebecca Ann Gonczy	CNX Gas Company LLC	Not less than 1/8	1690/120
Tonya D. Bering	CNX Gas Company LLC	Not less than 1/8	1690/125
James C. W. White	CNX Gas Company LLC	Not less than 1/8	1693/581
Steve A. Konyz	CNX Gas Company LLC	Not less than 1/8	1693/576
John L. Harman and Kathleen F. Harman	CNX Gas Company LLC	Not less than 1/8	1695/508
Peter Love	CNX Gas Company LLC	Fee	1695/494
David R. Sturgiss, Jr.	CNX Gas Company LLC	Not less than 1/8	1697/332
Sally Warrington	CNX Gas Company LLC	Fee	1696/625
Joseph Johnston	CNX Gas Company LLC	Not less than 1/8	1696/643
Susan Gaudyda, f/k/a Susan L. Jackson	CNX Gas Company LLC	Not less than 1/8	1699/631
Lydia Darlene Janson, a/k/a Darlene Janson	CNX Gas Company LLC	Not less than 1/8	1699/625
Mary C. Roy	CNX Gas Company LLC	Not less than 1/8	1699/620
Revis D. Johnston and Ulanda Johnston, h/w	CNX Gas Company LLC	Not less than 1/8	1704/481
Verneida C. King, by Sandra L. Ruhl, Attorney-in-Fact	CNX Gas Company LLC	Fee	1705/411
Richard L. Carlson	CNX Gas Company LLC	Fee	1713/116
Angela Denise Fulton	CNX Gas Company LLC	Not less than 1/8	1713/19
Junior Lee Fordyce	CNX Gas Company LLC	Not less than 1/8	1740/188
Michael C. Fluharty and Kathryn A. Fluharty	CNX Gas Company LLC	Fee	1744/825
Wanda Faye Blaney	CNX Gas Company LLC	Not less than 1/8	1744/815
Robert L. King-Crapp	CNX Gas Company LLC	Not less than 1/8	1744/14
Daniel O. Toothman	CNX Gas Company LLC	Not less than 1/8	1744/56
Katherine A. Kullish, f/k/a Katherine A. Webb Fordyce	CNX Gas Company LLC	Not less than 1/8	1744/799
Carol Yvonne Jones, single, f/w/a Carol Yvonne Campbell D'Amico	CNX Gas Company LLC	Not less than 1/8	1747/401
Paul J. Oates	CNX Gas Company LLC	Not less than 1/8	1747/406
Wendell Wayne Knight	CNX Gas Company LLC	Not less than 1/8	1747/422
Lisa Jo Barnette	CNX Gas Company LLC	Not less than 1/8	1747/378
Leonard R. Oates, Jr.	CNX Gas Company LLC	Not less than 1/8	1746/554
Eric B. Oates	CNX Gas Company LLC	Not less than 1/8	1746/582
Aida M. Everhart, a/k/a Ida M. Everhart	CNX Gas Company LLC	Not less than 1/8	1747/433
James V. Hall, Sr.	CNX Gas Company LLC	Not less than 1/8	1748/439
Nancy J. Bach	CNX Gas Company LLC	Not less than 1/8	1748/308
Peter A. Nicoletti and Joetta K. Nicoletti	CNX Gas Company LLC	Not less than 1/8	1748/303
Lisa Dawn Lucas	CNX Gas Company LLC	Not less than 1/8	1749/306
Nelly Dale Knight	CNX Gas Company LLC	Not less than 1/8	1753/667
Kevin W. Alltucker	CNX Gas Company LLC	Not less than 1/8	1749/301
Valerie Hayes and Richard A. Hayes	CNX Gas Company LLC	Not less than 1/8	1753/20
Bryan Carter	CNX Gas Company LLC	Not less than 1/8	1753/25
Renee Rutter	CNX Gas Company LLC	Not less than 1/8	1753/11
Irene Harvey	CNX Gas Company LLC	Not less than 1/8	1755/612
Kip Foster Knight	CNX Gas Company LLC	Not less than 1/8	1756/302
Eric Dale Chisler and Cassandra Ann Chisler	CNX Gas Company LLC	Not less than 1/8	1757/127
Carol J. Freeze	CNX Gas Company LLC	Not less than 1/8	1759/740
Ashlee N. White	CNX Gas Company LLC	Not less than 1/8	1759/233
Shuman Inc.	CNX Gas Company LLC	Not less than 1/8	1763/116
Janet Sue Beveridge	CNX Gas Company LLC	Not less than 1/8	1762/6
Jeri Doreen Richards	CNX Gas Company LLC	Not less than 1/8	1762/327
Debra N. Straight	CNX Gas Company LLC	Not less than 1/8	1762/316
Cynthia R. Jones, f/k/a Cynthia H. Carpenter	CNX Gas Company LLC	Not less than 1/8	1762/769
Dennis L. Efav	CNX Gas Company LLC	Not less than 1/8	1762/759
Beth Sanders	CNX Gas Company LLC	Not less than 1/8	1764/255
Douglas K. Efav	CNX Gas Company LLC	Not less than 1/8	1764/250
Ruth Brady	CNX Gas Company LLC	Not less than 1/8	1764/387
Gary D. Harker	CNX Gas Company LLC	Fee	1764/378
Beverly Workman	CNX Gas Company LLC	Not less than 1/8	1767/313
Valma Luttrell	CNX Gas Company LLC	Not less than 1/8	1766/613
Crystal A. Brennan	CNX Gas Company LLC	Not less than 1/8	1766/630
Suzanne Jean Pace	CNX Gas Company LLC	Not less than 1/8	1769/145
Marvin M. Carter	CNX Gas Company LLC	Not less than 1/8	1776/386
Mary Ruth Efav	CNX Gas Company LLC	Not less than 1/8	1769/751
Marjorie Efav	CNX Gas Company LLC	Not less than 1/8	1771/577
Jean Karsletter a/k/a Jeanne Karsletter	CNX Gas Company LLC	Not less than 1/8	1771/567
Andrea McDaniel	CNX Gas Company LLC	Not less than 1/8	1771/592
Edward Garner	CNX Gas Company LLC	Not less than 1/8	1775/652
Dalem Fox	CNX Gas Company LLC	Not less than 1/8	1779/169
Adam Carpenter	CNX Gas Company LLC	Not less than 1/8	151/329
Aleinda Jean Sanders	CNX Gas Company LLC	Not less than 1/8	151/329
Aniella Jacques Fluharty	CNX Gas Company LLC	Not less than 1/8	151/329
Anita C. Miro	CNX Gas Company LLC	Not less than 1/8	151/329
Ashley Ice	CNX Gas Company LLC	Not less than 1/8	151/329
Autumn Gissingner	CNX Gas Company LLC	Not less than 1/8	151/329
Barry Miller	CNX Gas Company LLC	Not less than 1/8	151/329
Becca Sanders	CNX Gas Company LLC	Not less than 1/8	151/329
Becky Newman	CNX Gas Company LLC	Not less than 1/8	151/329
Betty Joan Huffman	CNX Gas Company LLC	Not less than 1/8	151/329
Billy Haddix	CNX Gas Company LLC	Not less than 1/8	151/329
Darlene Bonnie Martin	CNX Gas Company LLC	Not less than 1/8	151/329
Brenda Price	CNX Gas Company LLC	Not less than 1/8	151/329
Bruce Miller	CNX Gas Company LLC	Not less than 1/8	151/329
Carol Jean Mendicino	CNX Gas Company LLC	Not less than 1/8	151/329
Christopher Allen Harbert	CNX Gas Company LLC	Not less than 1/8	151/329
Corrine Parker Bates	CNX Gas Company LLC	Not less than 1/8	151/329
Cynthia Denise Schum	CNX Gas Company LLC	Not less than 1/8	151/329
Daniel Jason Widen	CNX Gas Company LLC	Not less than 1/8	151/329
Darren Sloan	CNX Gas Company LLC	Not less than 1/8	151/329
Diane Santina	CNX Gas Company LLC	Not less than 1/8	151/329
Dottie Lou Maltarich, f/k/a Dottie Lou Lowery, f/k/a Dottie Lou Fordyce	CNX Gas Company LLC	Not less than 1/8	151/329
Ethel Elizabeth Snider	CNX Gas Company LLC	Not less than 1/8	151/329
Eugene Amos Holland II	CNX Gas Company LLC	Not less than 1/8	151/329
Fred Fordyce	CNX Gas Company LLC	Not less than 1/8	151/329
Greg Anders	CNX Gas Company LLC	Not less than 1/8	151/329
Heather Obleada	CNX Gas Company LLC	Not less than 1/8	151/329
Janet Cermusko	CNX Gas Company LLC	Not less than 1/8	151/329
Jeremy Jamison	CNX Gas Company LLC	Not less than 1/8	151/329
Jo Billy Fluharty	CNX Gas Company LLC	Not less than 1/8	151/329
Joanne Girard	CNX Gas Company LLC	Not less than 1/8	151/329
Jody Ice	CNX Gas Company LLC	Not less than 1/8	151/329
John W. Hawkins	CNX Gas Company LLC	Not less than 1/8	151/329
Kathy Locke	CNX Gas Company LLC	Not less than 1/8	151/329
Larry L. Eddy	CNX Gas Company LLC	Not less than 1/8	151/329
Lawrence Lee Hayes	CNX Gas Company LLC	Not less than 1/8	151/329
Levi Sanders	CNX Gas Company LLC	Not less than 1/8	151/329
Linda Junice Jamison	CNX Gas Company LLC	Not less than 1/8	151/329
Michael J. Alltucker	CNX Gas Company LLC	Not less than 1/8	151/329
Mike Haddix	CNX Gas Company LLC	Not less than 1/8	151/329
Miranda Jamison	CNX Gas Company LLC	Not less than 1/8	151/329
Nancy Berkeiser	CNX Gas Company LLC	Not less than 1/8	151/329
Nathan White	CNX Gas Company LLC	Not less than 1/8	151/329
Pamela Erickson	CNX Gas Company LLC	Not less than 1/8	151/329
Patricia Williamson	CNX Gas Company LLC	Not less than 1/8	151/329
Patricia Stentz	CNX Gas Company LLC	Not less than 1/8	151/329
Paul Reed Anders	CNX Gas Company LLC	Not less than 1/8	151/329
Paul Ice	CNX Gas Company LLC	Not less than 1/8	151/329
Paul Harn	CNX Gas Company LLC	Not less than 1/8	151/329
Paula Wukovich	CNX Gas Company LLC	Not less than 1/8	151/329

RECEIVED
Office of Oil and Gas

09/02/2022

WV Department of
Environmental Protection

Tract ID	Tax Map & Parcel #	Title Opinion QLS	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
			Paula Eddy	CNX Gas Company LLC	Not less than 1/8	151/329	
			Peggy Perkins	CNX Gas Company LLC	Not less than 1/8	151/329	
			Rachel Elizabeth Campbell	CNX Gas Company LLC	Not less than 1/8	151/329	
			Rachael Jamison	CNX Gas Company LLC	Not less than 1/8	151/329	
			Raemon Earl Evarhart	CNX Gas Company LLC	Not less than 1/8	151/329	
			Ralph H. King	CNX Gas Company LLC	Not less than 1/8	151/329	
			Rebecca Smith	CNX Gas Company LLC	Not less than 1/8	151/329	
			Scott V. Altucker	CNX Gas Company LLC	Not less than 1/8	151/329	
			Sharon L. Smith	CNX Gas Company LLC	Not less than 1/8	151/329	
			Sharon Galley	CNX Gas Company LLC	Not less than 1/8	151/329	
			Sharon McCluskey	CNX Gas Company LLC	Not less than 1/8	151/329	
			Sharon Rose Romanowski	CNX Gas Company LLC	Not less than 1/8	151/329	
			Shirley Yoho	CNX Gas Company LLC	Not less than 1/8	151/329	
			Stanton Sloan	CNX Gas Company LLC	Not less than 1/8	151/329	
			Susan Jean Bering	CNX Gas Company LLC	Not less than 1/8	151/329	
			Susan Lynn Burcham	CNX Gas Company LLC	Not less than 1/8	151/329	
			Terry White	CNX Gas Company LLC	Not less than 1/8	151/329	
			Troy Bilick	CNX Gas Company LLC	Not less than 1/8	151/329	
			Virgil Lee Connors	CNX Gas Company LLC	Not less than 1/8	151/329	
			William S. Reed	CNX Gas Company LLC	Not less than 1/8	151/329	
			Mark Shane Ice	CNX Gas Company LLC	Not less than 1/8	151/329	
			Mark Lane Hayes, Sr.	CNX Gas Company LLC	Not less than 1/8	151/329	
			Mary Rebecca Jamison	CNX Gas Company LLC	Not less than 1/8	151/329	
			Matthew Jamison	CNX Gas Company LLC	Not less than 1/8	151/329	
			Matthew Sloan	CNX Gas Company LLC	Not less than 1/8	151/329	
			Stephen Carter	CNX Gas Company LLC	Not less than 1/8	151/329	
			Ernest Ray Connors	CNX Gas Company LLC	Not less than 1/8	151/329	
			Rhonda K. Streets	CNX Gas Company LLC	Not less than 1/8	151/329	
			Lonnie Irvin Howard	CNX Gas Company LLC	Not less than 1/8	151/329	
			Martha D. King	CNX Gas Company LLC	Not less than 1/8	151/329	
			Margaret Underwood	CNX Gas Company LLC	Not less than 1/8	151/329	
			Mary Francis Murphy Warren	CNX Gas Company LLC	Not less than 1/8	151/329	
			Kenneth Murphy	CNX Gas Company LLC	Not less than 1/8	151/329	
			David C. Sloan	CNX Gas Company LLC	Not less than 1/8	151/329	
			Owen White, Jr.	CNX Gas Company LLC	Not less than 1/8	151/329	
			Mary Sue (Suzanna) White Wirth	CNX Gas Company LLC	Not less than 1/8	151/329	
			Marilyn B. Thorpe	CNX Gas Company LLC	Not less than 1/8	151/365	
Tract ID	Tax Map & Parcel #	Title Opinion QLS	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
67	1-18-9	284405000	Roy D. Chisler, et ux	Kimeric and Company, LLC Northeast Natural Energy LLC	Northeast Natural Energy LLC CNX Gas Company LLC	Not less than 1/8 Assignment	1570/344 1773/111
Tract ID	Tax Map & Parcel #	Title Opinion QLS	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
68A	1-18-9 1-18-10	257917000	Roy D. Chisler, et ux	Raymond F. Gaston, aka Ray Gaston, aka Ray Parish Gaston, and Pamela J. Gaston P&F Fujino LLC R. Parrish Gaston Paul R. Gaston EQT Production Company	EQT Production Company EQT Production Company EQT Production Company CNX Gas Company LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Assignment	1557/68 1586/43 1594/141 1602/60 153/744
			Janet Watkins	CNX Gas Company LLC	Not less than 1/8	1689/246	
			Rose Marie Shape	CNX Gas Company LLC	Not less than 1/8	1689/323	
			Ruth Ann Tallman	CNX Gas Company LLC	Not less than 1/8	1689/236	
			Juanita Ely	CNX Gas Company LLC	Not less than 1/8	1689/231	
			Benjamin C. Wirrick	CNX Gas Company LLC	Not less than 1/8	1754/370	
			Vivian Petoskey	CNX Gas Company LLC	Not less than 1/8	1754/282	
			Morris Mountaineer Oil and Gas LLC	CNX Gas Company LLC	Not less than 1/8	1757/235	
			Sidney Austin Smith Trust LLC	CNX Gas Company LLC	Not less than 1/8	1757/250	
			Thomas E. Ross	CNX Gas Company LLC	Not less than 1/8	1747/389	
			Richard M. Ross	CNX Gas Company LLC	Not less than 1/8	1746/576	
			Debra L. Mason and Richard A. Mason	CNX Gas Company LLC	Not less than 1/8	1748/421	
			Carol Curtis	CNX Gas Company LLC	Not less than 1/8	1748/319	
			Dwight E. Jackson	CNX Gas Company LLC	Not less than 1/8	1748/427	
			Judy Wirrick	CNX Gas Company LLC	Not less than 1/8	1748/433	
			Dwight Herd	CNX Gas Company LLC	Not less than 1/8	1748/415	
			Michael Delbert Herd	CNX Gas Company LLC	Not less than 1/8	1749/367	
			Christine Ann Boyd	CNX Gas Company LLC	Not less than 1/8	1749/393	
			Charles Patrick Herd and Leane C. Herd	CNX Gas Company LLC	Not less than 1/8	1752/408	
			Bruce A. Davie, Jr.	CNX Gas Company LLC	Not less than 1/8	1755/606	
			Polly Anna Eddy Morrison Fryman	CNX Gas Company LLC	Fee	1752/35	
			Robert W. Davie and Lisa D. Davie	CNX Gas Company LLC	Not less than 1/8	1757/92	
			Jerry L. Hoffman	CNX Gas Company LLC	Not less than 1/8	1762/332	
			Cheryl J. Bosse	CNX Gas Company LLC	Not less than 1/8	1764/382	
			Rodney A. Bosse	CNX Gas Company LLC	Not less than 1/8	1762/778	
			Clarence S. Willaid	CNX Gas Company LLC	Not less than 1/8	1752/24	
			JP Morgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	CNX Gas Company LLC	Not less than 1/8	1779/525	
			Gary A. Spragg	CNX Gas Company LLC	Not less than 1/8	151/335	
			Richard A. Stewart	CNX Gas Company LLC	Not less than 1/8	151/335	
			Joyce Lydie	CNX Gas Company LLC	Not less than 1/8	151/335	
			Thomas L. Hoffman	CNX Gas Company LLC	Not less than 1/8	151/335	
			Kyle J. Davie	CNX Gas Company LLC	Not less than 1/8	151/335	
			Summer G. Johnson	CNX Gas Company LLC	Not less than 1/8	151/335	
			Jessica L. Benim a/k/a Jessica L. Gerwells	CNX Gas Company LLC	Not less than 1/8	151/335	
			James Eric Davie	CNX Gas Company LLC	Not less than 1/8	151/335	
			Susan Kimbrell	CNX Gas Company LLC	Not less than 1/8	151/335	
			Wendy Dawn Lemley	CNX Gas Company LLC	Not less than 1/8	151/335	
			Randall M. Spragg and Lisa M. Spragg, Co-Trustees under Revocable Trust Agreement of Randall M. Spragg, dated October 24, 2007	CNX Gas Company LLC	Not less than 1/8	151/335	
			Toledo Animal Shelter	CNX Gas Company LLC	Not less than 1/8	151/335	
			Roy Dale Chisler and Twyla Leah Chisler	Northeast Natural Energy LLC	Not less than 1/8	1598/442	
			WV Minerals, Inc.	Northeast Natural Energy LLC	Not less than 1/8	1760/611	
			Sharon M. Flann	Northeast Natural Energy LLC	Not less than 1/8	1611/295	
			Stephen J. Dawson	Northeast Natural Energy LLC	Not less than 1/8	1611/767	
			Martha E. Menzies and William S. Menzies	Northeast Natural Energy LLC	Not less than 1/8	1630/43	
			Andrew T. Stewart and Cathy Stewart	Northeast Natural Energy LLC	Not less than 1/8	1657/343	
			Betty Pitcock	Northeast Natural Energy LLC	Not less than 1/8	1623/430	
			Kelly J. Kelly and Dennis Kelly	Northeast Natural Energy LLC	Not less than 1/8	1642/389	
			Charlene K. Crapsell and Larry E. Crapsell	Northeast Natural Energy LLC	Not less than 1/8	1642/380	
			Darlene Newson and Michael Newson	Northeast Natural Energy LLC	Not less than 1/8	1645/276	
			Ricky Kaye Peaslee	Northeast Natural Energy LLC	Not less than 1/8	1645/274	
			Maxine Wirrick	Northeast Natural Energy LLC	Not less than 1/8	1753/110	
			Staci L. Dawson	Northeast Natural Energy LLC	Not less than 1/8	1651/143	
			Wilma J. Ross	Northeast Natural Energy LLC	Not less than 1/8	1610/846	
			Amber N. Cumberly and Dustin Cumberly, her husband	Northeast Natural Energy LLC	Not less than 1/8	1639/499	
			Christina K. Benson and James B. Benson, her husband	Northeast Natural Energy LLC	Not less than 1/8	1610/844	
			James E. Eddy and Ronda S. Eddy, his wife	Northeast Natural Energy LLC	Not less than 1/8	1622/30	
			Kenneth B. Eddy and Natalie A. Eddy, his wife	Northeast Natural Energy LLC	Not less than 1/8	1619/336	
			Mary Lou Verbooy	Northeast Natural Energy LLC	Not less than 1/8	1619/338	
			Louise A. Stewart England	Northeast Natural Energy LLC	Not less than 1/8	1629/176	
			Michael J. Eddy and Natilie A. Eddy, h/w	Northeast Natural Energy LLC	Not less than 1/8	1630/261	
					Not less than 1/8	1607/644	

RECEIVED
Office of Oil and Gas

JUL 27 2022
09/02/2022
WV Department of
Environmental Protection

Tract ID	Tax Map & Parcel #	Title Opinion QLS	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
				Northeast Natural Energy LLC	CNX Gas Company LLC	Agreement	1773/111
				Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross XTO Energy Inc.	XTO Energy Inc. CNX Gas Company LLC	Fee Agreement	1442/835 1773/164
688	3-18-8	257917000	Opal Howard	Bounty Minerals, LLC Lola Drilling I, LLC Rice Drilling B LLC	Lola Drilling I, LLC Rice Drilling B LLC CNX Gas Company LLC	Not less than 1/8 Assignment Assignment	1586/340 133/712 153/744
				Raymond P. Gaston, aka Ray Gaston, aka Ray Parich Gaston, and Pamela J. Gaston	EQT Production Company	Not less than 1/8	1553/659
				P&P Fujimo LLC	EQT Production Company	Not less than 1/8	1586/43
				R. Parrish Gaston	EQT Production Company	Not less than 1/8	1594/141
				Paul R. Gaston	EQT Production Company	Not less than 1/8	1602/60
				EQT Production Company	CNX Gas Company LLC	Assignment	153/744
				Janet Watkins	CNX Gas Company LLC	Not less than 1/8	1689/246
				Rose Marie Shape	CNX Gas Company LLC	Not less than 1/8	1689/323
				Ruth Ann Tallman	CNX Gas Company LLC	Not less than 1/8	1689/236
				Juanita Ely	CNX Gas Company LLC	Not less than 1/8	1689/231
				Benjamin C. Wirick	CNX Gas Company LLC	Not less than 1/8	1754/370
				Vivian Petoskey	CNX Gas Company LLC	Not less than 1/8	1754/282
				Morris Mountaineer Oil and Gas LLC	CNX Gas Company LLC	Not less than 1/8	1757/235
				Sidney Austin Smith Trust LLC	CNX Gas Company LLC	Not less than 1/8	1757/250
				Thomas E. Ross	CNX Gas Company LLC	Not less than 1/8	1747/389
				Richard M. Ross	CNX Gas Company LLC	Not less than 1/8	1746/576
				Carol Curtis	CNX Gas Company LLC	Not less than 1/8	1748/421
				Debra L. Mason and Richard A. Mason	CNX Gas Company LLC	Not less than 1/8	1748/319
				Carol Curtis	CNX Gas Company LLC	Not less than 1/8	1748/427
				Dwight E. Jackson	CNX Gas Company LLC	Not less than 1/8	1748/433
				Judy Wirick	CNX Gas Company LLC	Not less than 1/8	1748/415
				Dwight Herd	CNX Gas Company LLC	Not less than 1/8	1748/367
				Michael Delbert Herd	CNX Gas Company LLC	Not less than 1/8	1749/393
				Christine Ann Boyd	CNX Gas Company LLC	Not less than 1/8	1752/408
				Charles Patrick Herd and Leane C. Herd	CNX Gas Company LLC	Not less than 1/8	1755/606
				Bruce A. Davie, Jr.	CNX Gas Company LLC	Not less than 1/8	1752/35
				Polly Anna Eddy Morrison Fryman	CNX Gas Company LLC	Fee	1757/92
				Robert W. Davie and Lisa D. Davie	CNX Gas Company LLC	Not less than 1/8	1762/332
				Jerry L. Hoffman	CNX Gas Company LLC	Not less than 1/8	1764/382
				Cheryl J. Bosse	CNX Gas Company LLC	Not less than 1/8	1762/778
				Rodney A. Bosse	CNX Gas Company LLC	Not less than 1/8	1752/24
				Clarence S. Willard	CNX Gas Company LLC	Not less than 1/8	1779/525
				JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	CNX Gas Company LLC	Not less than 1/8	151/337
				Gary A. Spragg	CNX Gas Company LLC	Not less than 1/8	151/337
				Richard A. Stewart	CNX Gas Company LLC	Not less than 1/8	151/337
				Joyce Leydis	CNX Gas Company LLC	Not less than 1/8	151/337
				Thomas L. Hoffman	CNX Gas Company LLC	Not less than 1/8	151/337
				Kyle J. Davie	CNX Gas Company LLC	Not less than 1/8	151/337
				Summer G. Johnson	CNX Gas Company LLC	Not less than 1/8	151/337
				Jessica L. Baum a/k/a Jessica L. Gerwells	CNX Gas Company LLC	Not less than 1/8	151/337
				James Eric Davie	CNX Gas Company LLC	Not less than 1/8	151/337
				Susan Kimbrell	CNX Gas Company LLC	Not less than 1/8	151/337
				Daniel Bailes	CNX Gas Company LLC	Not less than 1/8	151/337
				Joel Bailes	CNX Gas Company LLC	Not less than 1/8	151/337
				Randall M. Spragg and Lisa M. Spragg, Co-Trustees under Revocable Trust Agreement of Randall M. Spragg, dated October 24, 2007	CNX Gas Company LLC	Not less than 1/8	151/337
				Toledo Animal Shelter	CNX Gas Company LLC	Not less than 1/8	151/337
				WV Minerals, Inc.	Northeast Natural Energy LLC	Not less than 1/8	1760/611
				Sharon M. Flann	Northeast Natural Energy LLC	Not less than 1/8	1611/35
				Stephen J. Dawson	Northeast Natural Energy LLC	Not less than 1/8	1611/767
				Martha E. Menzies and William S. Menzies	Northeast Natural Energy LLC	Not less than 1/8	1630/43
				Andrew T. Stewart and Cathy Stewart	Northeast Natural Energy LLC	Not less than 1/8	1657/343
				Betty Pitcock	Northeast Natural Energy LLC	Not less than 1/8	1623/430
				Kelly J. Kelly and Dennis Kelly	Northeast Natural Energy LLC	Not less than 1/8	1642/398
				Charlene K. Crappell and Larry E. Crappell	Northeast Natural Energy LLC	Not less than 1/8	1642/380
				Darlene Newson and Michael Newson	Northeast Natural Energy LLC	Not less than 1/8	1645/276
				Ricky Kaye Peaslee	Northeast Natural Energy LLC	Not less than 1/8	1645/274
				Opal Howard	Northeast Natural Energy LLC	Not less than 1/8	1753/110
				Maxine Wirick	Northeast Natural Energy LLC	Not less than 1/8	1599/438
				Staci L. Dawson	Northeast Natural Energy LLC	Not less than 1/8	1651/143
				Wilma J. Ross	Northeast Natural Energy LLC	Not less than 1/8	1610/846
				Amber N. Cubberly and Dustin Cubberly, her husband	Northeast Natural Energy LLC	Not less than 1/8	1633/499
				Christina K. Benson and James B. Benson, her husband	Northeast Natural Energy LLC	Not less than 1/8	1610/844
				James E. Eddy and Ronda S. Eddy, his wife	Northeast Natural Energy LLC	Not less than 1/8	1622/30
				Kenneth R. Eddy and Natalie A. Eddy, his wife	Northeast Natural Energy LLC	Not less than 1/8	1619/836
				Mary Lou Verbosky	Northeast Natural Energy LLC	Not less than 1/8	1619/839
				Louise A. Stewart England	Northeast Natural Energy LLC	Not less than 1/8	1629/176
				Michael J. Eddy and Natalie A. Eddy, h/w	Northeast Natural Energy LLC	Not less than 1/8	1630/261
				Judy Ann Heston	Northeast Natural Energy LLC	Not less than 1/8	1607/644
				Donna Fay Hibbs	Northeast Natural Energy LLC	Not less than 1/8	1630/261
				Denzil Ray Hibbs	Northeast Natural Energy LLC	Not less than 1/8	1623/383
				Janie Loise Gram	Northeast Natural Energy LLC	Not less than 1/8	1623/385
				Northeast Natural Energy LLC	CNX Gas Company LLC	Not less than 1/8	1623/387
				Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross XTO Energy Inc.	XTO Energy Inc. CNX Gas Company LLC	Agreement Fee Agreement	1442/835 1773/164
78	1-18-14 1-18-14.1 THROUGH 1-18-14.5	285831000	Harry Bradley, et ux, et al	Bounty Minerals II Acquisitions, LLC	Lola Drilling I, LLC	Not less than 1/8	1585/467
				Lola Drilling I, LLC	Rice Drilling B LLC	Assignment	133/752
				Rice Drilling B LLC	CNX Gas Company LLC	Assignment	153/744
				Virginia L. Law	CNX Gas Company LLC	Not less than 1/8	1746/549
				Janet Watkins	CNX Gas Company LLC	Not less than 1/8	1748/449
				Juanita Ely	CNX Gas Company LLC	Not less than 1/8	1748/444
				Rose Marie Shape	CNX Gas Company LLC	Not less than 1/8	1748/454
				Walter M. Stewart II	CNX Gas Company LLC	Not less than 1/8	1754/263
				Vivian Petoskey	CNX Gas Company LLC	Not less than 1/8	1754/275
				Benjamin Wirick	CNX Gas Company LLC	Not less than 1/8	1754/253
				Kelly J. Kelly	CNX Gas Company LLC	Not less than 1/8	1749/383
				Ruth Ann Tallman	CNX Gas Company LLC	Not less than 1/8	1749/362
				B. Eleanor Crowley	CNX Gas Company LLC	Not less than 1/8	1749/330
				Betty Pitcock	CNX Gas Company LLC	Not less than 1/8	1748/298
				Darlene Newson	CNX Gas Company LLC	Not less than 1/8	1748/296

RECEIVED
Office of Oil and Gas

JUL 27 2022
09/02/2022
WV Department of
Environmental Protection

Diane R. Kalafsky	CNX Gas Company LLC	Not less than 1/8	1749/388
William H. Mace	CNX Gas Company LLC	Not less than 1/8	1755/653
Daniel R. Crowley	CNX Gas Company LLC	Not less than 1/8	1748/325
Charlene Crapnell	CNX Gas Company LLC	Not less than 1/8	1749/291
Harold P. Stewart, Jr.	CNX Gas Company LLC	Not less than 1/8	1749/352
Diana Lynn Stewart	CNX Gas Company LLC	Not less than 1/8	1755/660
Louise A. Stewart England	CNX Gas Company LLC	Not less than 1/8	1751/651
Byron E. Stewart, II	CNX Gas Company LLC	Not less than 1/8	1749/357
John A. Eddy	CNX Gas Company LLC	Not less than 1/8	1752/414
Paula Kalafsky	CNX Gas Company LLC	Not less than 1/8	1751/623
Laraine Metheny	CNX Gas Company LLC	Not less than 1/8	1755/617
Thomas William Crowley	CNX Gas Company LLC	Not less than 1/8	1757/87
Brentyn M. Mace	CNX Gas Company LLC	Not less than 1/8	1757/77
Greg W. Mace	CNX Gas Company LLC	Not less than 1/8	1757/132
Janet Board	CNX Gas Company LLC	Not less than 1/8	1757/104
Martha Menzies and Harold D. Rogers, as trustees of the Martha Menzies Trust	CNX Gas Company LLC	Not less than 1/8	1762/764
Morris Mountaineer Oil and Gas LLC	CNX Gas Company LLC	Not less than 1/8	1757/235
Sidney Austin Smith Trust LLC	CNX Gas Company LLC	Not less than 1/8	1757/250
Thomas E. Ross	CNX Gas Company LLC	Not less than 1/8	1747/389
Richard M. Ross	CNX Gas Company LLC	Not less than 1/8	1746/576
Debra L. Mason	CNX Gas Company LLC	Not less than 1/8	1748/421
Carol Curtis	CNX Gas Company LLC	Not less than 1/8	1748/319
Dwight E. Jackson	CNX Gas Company LLC	Not less than 1/8	1748/427
Judy Wirick	CNX Gas Company LLC	Not less than 1/8	1748/433
Dwight Herd	CNX Gas Company LLC	Not less than 1/8	1748/415
Michael Delbert Herd	CNX Gas Company LLC	Not less than 1/8	1749/367
Christine Ann Boyd	CNX Gas Company LLC	Not less than 1/8	1749/393
Charles Patrick Herd	CNX Gas Company LLC	Not less than 1/8	1752/408
Bruce A. Davie, Jr.	CNX Gas Company LLC	Not less than 1/8	1755/606
Polly Freyman	CNX Gas Company LLC	Fee	1752/35
Robert W. Davie	CNX Gas Company LLC	Not less than 1/8	1757/92
Jerry L. Hoffman	CNX Gas Company LLC	Not less than 1/8	1762/332
Cheryl J. Bosse	CNX Gas Company LLC	Fee	1764/382
Rodney A. Bosse	CNX Gas Company LLC	Fee	1762/778
JPMorgan Chase Bank, N.A. Trustee of the Will E. Morris Heirs Trust U/A dated November 15, 1988	CNX Gas Company LLC	Not less than 1/8	1779/525
Robert Lee Mace III	CNX Gas Company LLC	Not less than 1/8	151/342
Jeffrey R. Mace	CNX Gas Company LLC	Not less than 1/8	151/342
Kyle J. Davie	CNX Gas Company LLC	Not less than 1/8	151/342
Summer G. Johnson	CNX Gas Company LLC	Not less than 1/8	151/342
Jessica L. Baum, a/k/a Jessica L. Gerwells	CNX Gas Company LLC	Not less than 1/8	151/342
James Eric Davie	CNX Gas Company LLC	Not less than 1/8	151/342
Susan Kimbrell	CNX Gas Company LLC	Not less than 1/8	151/342
Richard A. Stewart	CNX Gas Company LLC	Not less than 1/8	151/342
Andrew T. Stewart	CNX Gas Company LLC	Not less than 1/8	151/342
Joyce Lydic	CNX Gas Company LLC	Not less than 1/8	151/342
Thomas L. Hoffman	CNX Gas Company LLC	Not less than 1/8	151/342
Lois Eispenhade	CNX Gas Company LLC	Not less than 1/8	151/342
Judith Gashie	CNX Gas Company LLC	Not less than 1/8	151/342
Margo Urbany Joyce	CNX Gas Company LLC	Not less than 1/8	151/342
Hyla N. Urbany	CNX Gas Company LLC	Not less than 1/8	151/342
Toledo Animal Shelter	CNX Gas Company LLC	Not less than 1/8	151/342
Waco Oil & Gas Co., Inc.; I.L. Morris, Mike Ross, Inc.; Mike Ross	XTO Energy Inc.	Fee	1442/835
XTO Energy Inc.	CNX Gas Company LLC	Agreement	1773/164

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection
09/02/2022



Sarah Weigand
Manager Upstream Permitting
Work: 724-485-3244
Email: SarahWeigand@cnx.com

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

June 15, 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:

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,

A handwritten signature in blue ink that reads 'Sarah Weigand'.

Sarah Weigand

RECEIVED
Office of Oil and Gas
JUL 27 2022
WV Department of
Environmental Protection

09/02/2022

JUL 27 2022

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

Date of Notice Certification: 7/26/22

API No. 47- _____
Operator's Well No. WDTN19EHSM
Well Pad Name: WDTN19

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83 Easting: <u>556994.094</u>
County: <u>Monongalia</u>	UTM NAD 83 Northing: <u>4393944.871</u>
District: <u>Batelle</u>	Public Road Access: <u>Wise Run Road/CR 6</u>
Quadrangle: <u>Wadestown</u>	Generally used farm name: <u>CNX</u>
Watershed: <u>Dunkard Creek</u>	

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

<p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input checked="" type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p style="padding-left: 100px;"><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p>	<p>OOG OFFICE USE ONLY</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p>
--	---

Required Attachments:

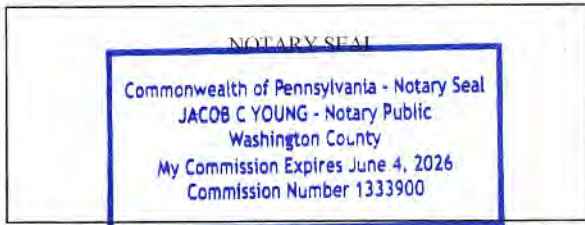
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication 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.

09/02/2022

Certification of Notice is hereby given:

THEREFORE, I Sarah Weigand, 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	Address:	1000 CONSOL Energy Drive
By:	Sarah Weigand <u>Sarah Weigand</u>		Canonsburg, PA 15317
Its:	Manager Permitting Services	Facsimile:	
Telephone:	724-485-3244	Email:	SarahWeigand@cnx.com



Subscribed and sworn before me this 26th day of July 2022.
Jacob C Young Notary Public
 My Commission Expires 6/4/2026

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.

RECEIVED
Office of Oil and Gas
JUL 27 2022
WV Department of
Environmental Protection

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 7/26/22 Date Permit Application Filed: 7/27/22

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)
Name: CNX Gas Company LLC
Address: 1000 CONSOL Energy Drive
Canonsburg, PA 15317
Name: _____
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: Barbara S Shriver
Address: 70 Wise Run Road
Wana, WV 26590
Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: see attached
Address: _____
 COAL OPERATOR
Name: _____
Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: see attached
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
JUL 27 2022

WV Department of
Environmental Protection

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.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental 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

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing 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

RECEIVED
Office of Oil and GasJUL 07 2022
09/02/2022

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 days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

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.**

RECEIVED
Office of Oil and Gas
JUL 27 2022
WV Department of
Environmental Protection

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.

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.

RECEIVED
Office of Oil and Gas
JUL 27 2022
WV Department of
Environmental Protection

WW-6A
(8-13)

API NO. 47- 4706101903
OPERATOR WELL NO. WDTN19EHSM
Well Pad Name: WDTN19

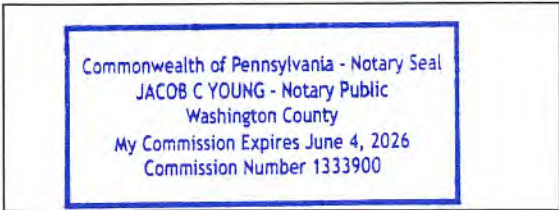
Notice is hereby given by:

Well Operator: Sarah Weigand
Telephone: 724-485-3244
Email: SarahWeigand@cnx.com *Sarah Weigand*

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.



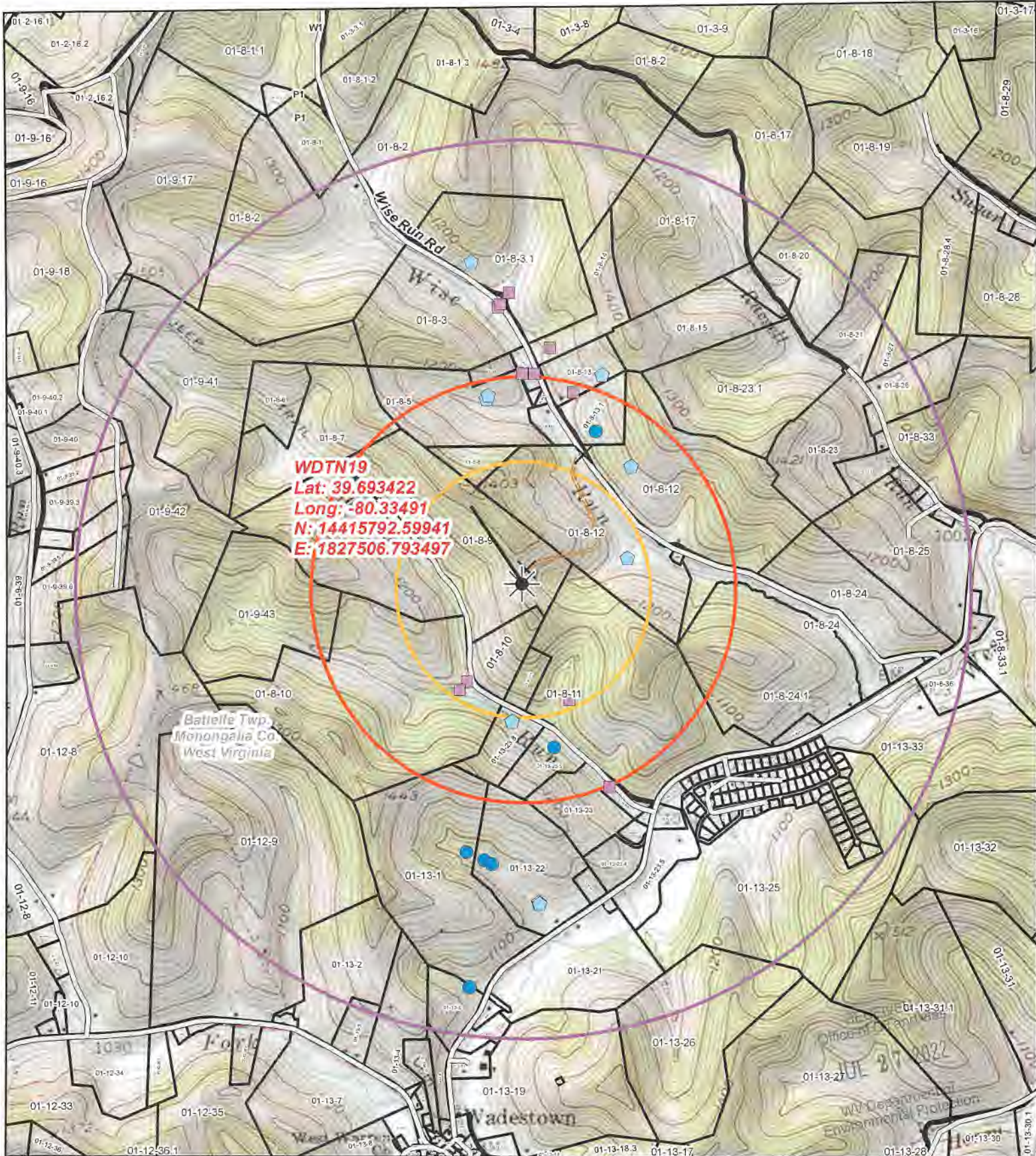
Subscribed and sworn before me this 26th day of July, 2022.
Jacob C Young Notary Public
My Commission Expires 6/4/2026

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

09/02/2022



Legend Wellbore Access Points Pond Spring Water Well Access Road 1 Mile Buffer 1,500 Foot Buffer 2,500 Foot Buffer Surface Parcel	0 750 1,500 Feet 1 inch = 1,500 feet	
	Original Date: 7/19/2022 Prepared By: GIS	Revision Date: 7/19/2022 Approved By: GIS
	This map is property of CNX Land Resources Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent. © Copyright CNX Land Resources Inc. 2011	

WDTN19
Ground Water Map
09/02/2022

4706101903

WDTN19EHSM 6A Notices	
Surface Owner	Address
CNX Gas Company LLC	1000 Consol Energy Drive 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
CONSOL RCPC LLC	Attn: Casey Saunders 275 Technology Drive Suite 101 Canonsburg, PA 15317-9565
All Other Coal Seams	
Coal Owner	Address
CNX Gas Company LLC	1000 Consol Energy Drive Canonsburg, PA 15317
Kathryn W. Becker	819 NE 128th Street Seattle, WA 98125
Deborah W. Manning	P.O. Box 895 Plymouth, CA 95669
Elizabeth W. March	P.O. Box 82 Bally, PA 19503
George Cummins Jr.	31 Atisvgi Court Brevard, NC 28712
Water Wells w/in 1500'	
Barbara S Shriver	70 Wise Run Road Wana, WV 26590
Troy David Beckner & Janet Lee Smith (Life- Mary Jane Beckner)	11 Mona Lane Wana, WV 26590
Rodney Henry	200 East St. Carmichaels, PA 15320

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

09/02/2022

4706101903

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.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: _____ **Date Permit Application Filed:** _____

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: CNX GAS COMPANY LLC
Address: 1000 CONSOL ENERGY DRIVE
CANONSBURG, PA 15317

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: WEST VIRGINIA UTM NAD 83 Easting: 556994.094
County: MONONGALIA Northing: 4393944.871
District: BATELLE Public Road Access: WISE RUN ROAD/ CR6
Quadrangle: WADESTOWN Generally used farm name: CNX
Watershed: DUNKARD CREEK

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental 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.

Notice is hereby given by:

Well Operator: CNX Gas Company LLC
Address: 1000 CONSOL Energy Drive
Canonsburg, PA 15317
Telephone: 724-485-3244
Email: SarahWeigand@cnx.com
Facsimile: _____

Authorized Representative: Sarah Weigand *Sarah Weigand*
Address: 1000 CONSOL Energy Drive
Canonsburg, PA 15317
Telephone: 724-485-3244
Email: SarahWeigand@cnx.com
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.

Office of Oil and Gas

JUL 27 2022
09/02/2022
WV Department of
Environmental Protection

WDTN19EHSM 6A4 Notices	
Surface Owner	Address
CNX Gas Company LLC	1000 Consol Energy Drive Canonsburg, PA 15317

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

09/02/2022

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

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: _____ **Date Permit Application Filed:** _____

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED HAND
DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: CNX Gas Company LLC Name: _____
Address: 1000 CONSOL Energy Drive Address: _____
Canonsburg, PA 15317

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia UTM NAD 83 Easting: 556994.094
County: Monongalia Northing: 4393944.871
District: Batelle Public Road Access: Wise Run Road/CR 6
Quadrangle: Wadestown Generally used farm name: CNX
Watershed: Dunkard Creek

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental 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 Operator: CNX Gas Company LLC Address: 1000 CONSOL Energy Drive
Telephone: 724-485-3244 Canonsburg, PA 15317
Email: SarahWeigand@cnx.com 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 deprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

09/02/2022

4706101903

WDTN19EHSM 6A5 Notices	
Surface Owner	Address
CNX Gas Company LLC	1000 Consol Energy Drive Canonsburg, PA 15317

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

09/02/2022

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 erosion 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

I, Sarah Weigand hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through _____, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>WEST VIRGINIA</u>	UTM NAD 83 Easting:	<u>556994.094</u>
County:	<u>MONONGALIA</u>	UTM NAD 83 Northing:	<u>4393944.871</u>
District:	<u>BATTELLE</u>	Public Road Access:	<u>Wise Run Road/CR 6</u>
Quadrangle:	<u>WADESTOWN</u>	Generally used farm name:	<u>CNX</u>
Watershed:	<u>DUNKARD CREEK</u>		

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

RECEIVED
Office of Oil and Gas

*Please check the box that applies

- SURFACE OWNER
- SURFACE OWNER (Road and/or Other Disturbance)
- SURFACE OWNER (Impoundments/Pits)
- COAL OWNER OR LESSEE
- COAL OPERATOR
- WATER PURVEYOR
- OPERATOR OF ANY NATURAL GAS STORAGE FIELD

FOR EXECUTION BY A NATURAL PERSON
JUL 27 2022

Signature: _____
Print Name: WV Department of Environmental Protection
Date: _____

FOR EXECUTION BY A CORPORATION, ETC.
Company: CNX GAS COMPANY LLC
By: Sarah Weigand
Its: Permitting Services Manager

Signature: Sarah Weigand
Date: 7/20/2022

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.

09/02/2022



4706101903

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
Charleston, West Virginia 25305-0430 • (304) 558-3505

D. Alan Reed, P.E.
State Highway Engineer

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
WDTN19EHSM 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,

Gary K. Clayton, P.E.
Regional Maintenance Engineer
Central Office O&G Coordinator

RECEIVED
Office of Oil and Gas

JUL 27 2022

WV Department of
Environmental Protection

Cc: Becky Zachwieja
CNX Gas Company LLC
CH, OM, D-4
File

Section V- Proposed Additives to be used in Fracturing or Stimulations

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		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	CHEMSTREAM	Breaker	Ammonium Persulfate	7727-54-0	100.00%

4706101903



LOCATION MAP
LOGIC: WADESTOWN.WV
SCALE: 1"=2000'



CNX RESOURCES CORPORATION

WADESTOWN 19 WELL PAD

AS-BUILT



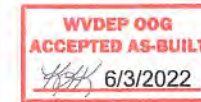
LOCATION MAP
SCALE: 1"=2000'



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 11, 2019



SHEET INDEX	
DWG #	DRAWING NAME
1	COVER SHEET
2	PLAN VIEW
3	PLAN VIEW WITH ORTHO
4	ACCESS ROAD PROFILE



Know what's below.
Call before you dig.

NOTE: DRAWING WAS CREATED ON 22x34 PAPER. 11x17 DRAWINGS ARE HALF SCALE. REFER TO SCALE BAR FOR PROPER SCALING.

I HEREBY CERTIFY THAT I AM A LICENSED ENGINEER IN THE STATE OF WEST VIRGINIA. THIS AS-BUILT CERTIFIES, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF; THE WELL PAD CONSTRUCTED BY ANDERSON EXCAVATING IN TYLER COUNTY, WV ON BEHALF OF CNX RESOURCES CORPORATION, HAS BEEN CONSTRUCTED IN GENERAL CONFORMANCE TO THE PLANS AND SPECIFICATIONS AND, IN MY PROFESSIONAL OPINION, IS IN COMPLIANCE WITH APPLICABLE LAWS, CODES, AND ORDINANCES.

SIGNATURE: *[Signature]* DATE: 12/11/2019



THE INFORMATION CONTAINED HEREON IS THE SOLE PROPERTY OF THE THRASHER GROUP INC. REPRODUCTIONS OF THESE DOCUMENTS IN WHOLE OR IN PART, FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION, IS STRICTLY PROHIBITED. COPYRIGHT © 2019 THE THRASHER GROUP INC.

NO	BY	DATE	DESCRIPTION



SCALE:	
DESIGN: 5/16"	DATE: 12/19/19
CONCEPT: 1/8"	DATE: 12/19/19
RECORDED: 1/8"	DATE: 12/19/19
SURVEY DATE: 1/15/19	
SURVEY BY: CY	
FIELD BOOK NO:	



1025 HAZEN DRIVE HERRIMAN
SOUTH MOUNTAIN, UT 84083
WWW.THRASHERINC.COM

PHASE NO:
CONTRACT NO:
PROJECT NO:
050-10648

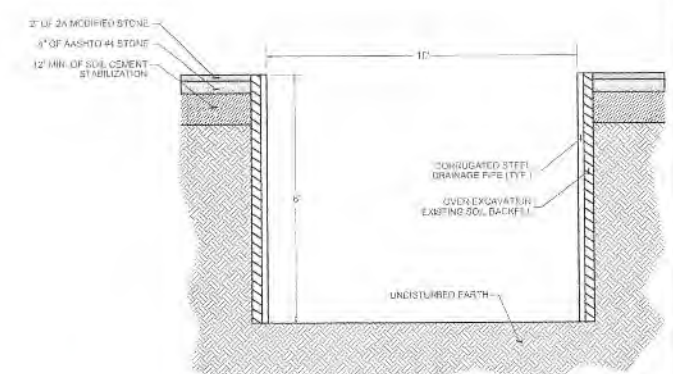
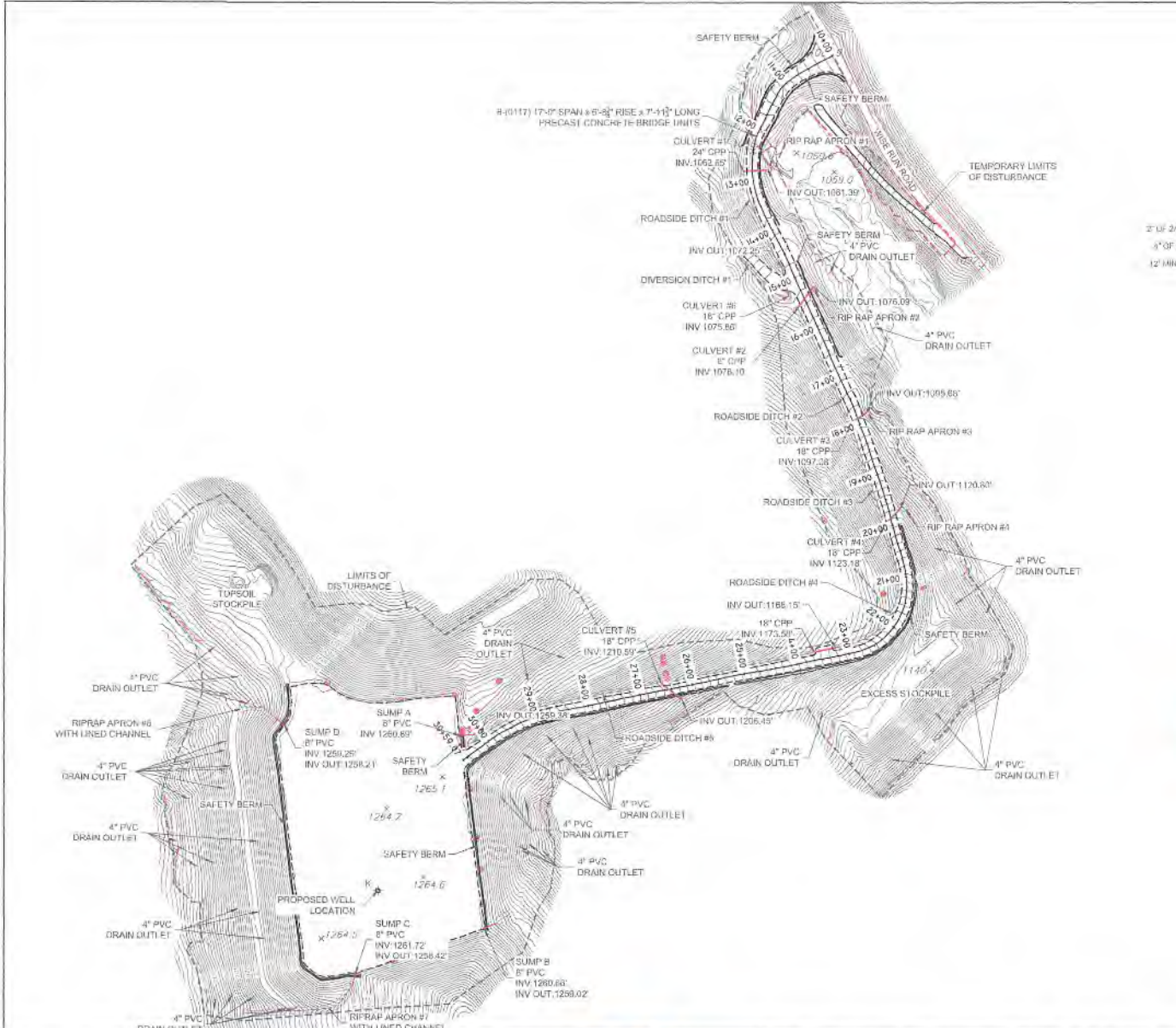
CNX RESOURCES CORPORATION
WADESTOWN 19 SITE
PAD AS-BUILT
MONONGALIA COUNTY, WEST VIRGINIA
COVER SHEET

SHEET NO.

1

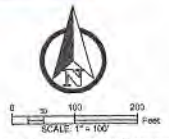
CHART OF PROPOSED WELL SPOTS AND SITE LOCATION

POINT	API #	NAD83 WY NORTH LATITUDE	NAD83 WY LONGITUDE	UTM-NAD83-17 (EASTING)
WATER A	27-00-298-00-00	27° 00' 35.439"	80° 23' 08.348"	630261.871
ENTRANCE		29° 41' 52.561"	80° 16' 55.202"	630415.620



**WVDEP O&G
ACCEPTED AS-BUILT**
[Signature] 6/3/2022

- LEGEND**
- - - - - EDGE OF GRAVEL
 - - - - - DITCH
 - - - - - DESIGN LOD
 - - - - - TREELINE
 - - - - - SILT SOCK
 - - - - - COMPOSITE FILTER SOCK
 - - - - - POST
 - - - - - UTILITY POLE
 - - - - - RIP RAP
 - - - - - BERM



NOTE: DRAWING WAS CREATED ON 22x34 PAPER. 11x17 DRAWINGS ARE HALF SCALE. REFER TO SCALE BAR FOR PROPER SCALING.

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE OR IN PART, FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION, IS STRICTLY PROHIBITED. COPYRIGHT © 2018 THE THRASHER GROUP INC.

NO.	BY	DATE	DESCRIPTION



SCALE: 1"=100'	DATE: 02/16/18
DRAWN: JMC	CHECKED: JMC
DESIGNED: JMC	DATE: 02/16/18
SUPV: GARY H. HUNTER	
PLANNED BY: JMC	
PROJECT NO: 050-10648	



PHASE NO:	
CONTRACT NO:	
PROJECT NO:	050-10648

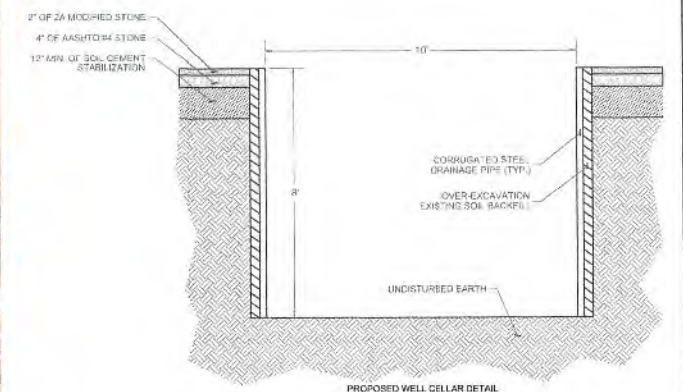
CNX RESOURCES CORPORATION
WADESTOWN 19 SITE
PAD AS-BUILT
MONONGALIA COUNTY, WEST VIRGINIA
PLAN VIEW

SHEET NO: **2**



CHART OF PROPOSED WELL SPOTS AND SITE LOCATION

POINT	ARI #	NAD83 WY NORTH LATITUDE	NAD83 WY NORTH LONGITUDE	UTM-NAD83-7 (EASTING)	UTM-NAD83-7 (NORTHING)
WSTW0 1	17-281-024-00-94	19°41'56.488"	80°30'24.860"	1895194.872	556994.094
ENTRANCE	19°41'52.080"	80°30'25.251"	1895430.050	557217.204	



**WVDEP OOG
ACCEPTED AS-BUILT**
[Signature] 6/3/2022

LEGEND

- - - - - EDGE OF GRAVEL
- - - - - DITCH
- - - - - DESIGN LOG
- - - - - TREELINE
- - - - - SILT SOCK
- - - - - COMPOSITE FILTER SOCK
- - - - - POST
- - - - - UTILITY POLE
- - - - - RIP RAP
- - - - - BERM



NOTE: DRAWING WAS CREATED ON 22x34 PAPER. I(X)7 DRAWINGS ARE HALF SCALE. REFER TO SCALE BAR FOR PROPER SCALING.

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP, INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2019 THE THRASHER GROUP, INC.

NO.	REV.	DATE	DESCRIPTION



SCALE: 1:50	DATE: 12/2018
DRAWN: SPC	CHECKED: MCH
DATE: 02/19/19	DATE: 02/19/19
REVIEWED: RAN	DATE: 03/19/19
SUBMIT DATE: 11/15/19	DATE: 03/19/19
DRAWN BY: CJ	FIELD BOOK NO:

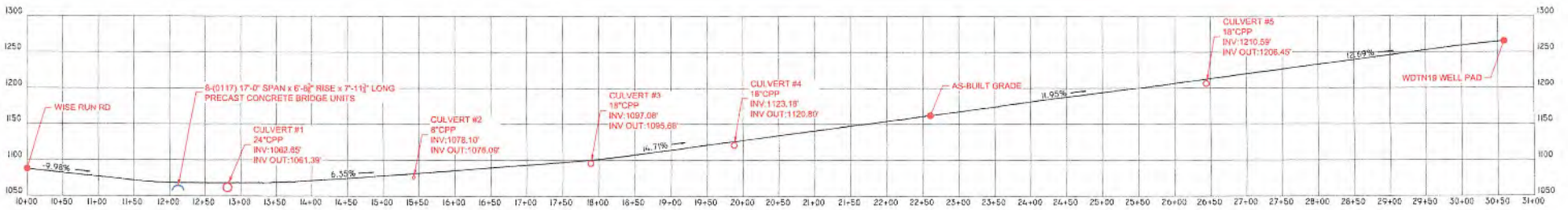


PROJECT NO.	050-10648
CONTRACT NO.	
DATE:	

CNX RESOURCES CORPORATION
WADESTOWN 19 SITE
PAD AS-BUILT
MONONGALIA COUNTY, WEST VIRGINIA
PLAN VIEW WITH ORTHO

SHEET NO.
3

**WVDEP OOG
ACCEPTED AS-BUILT**
[Signature] 6/3/2022



WADESTOWN 19 ACCESS ROAD PROFILE
SCALE: 1" = 50' HORIZONTAL
1" = 50' VERTICAL

NOTE: DRAWING WAS CREATED ON 22X34 PAPER. IIX17 DRAWINGS ARE HALF SCALE. REFER TO SCALE BAR FOR PROPER SCALING.

THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE THRASHER GROUP INC. REPRODUCTION OF THESE DOCUMENTS IN WHOLE OR IN PART FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY PROHIBITED. COPYRIGHT © 2019 THE THRASHER GROUP INC.

NO.	BY	DATE	DESCRIPTION



SCALE: AS NOTED	DATE: 07/19/19
DRAWN BY: JMC	INVESTIGATED BY: JMC
CHECKED BY: JMC	DATE: 02/11/19
DESIGNED BY: JMC	DATE: 02/11/19
SURVEY DATE: 01/09/19	DATE: 02/11/19
DRAWN BY: JMC	DATE: 02/11/19
FIELD BOOK NO.:	



PROJECT NO.	050-1064B
CONTRACT NO.	
DATE:	

**CNX RESOURCES CORPORATION
WADESTOWN 19 SITE
PAD AS-BUILT
MONONGALIA COUNTY, WEST VIRGINIA
ACCESS ROAD PROFILE**

SHEET NO.
4



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:

1. 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 the rules and regulations promulgated thereunder.
2. CNX is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as 1000 Consol Energy Drive, Canonsburg PA 15317
3. On August 9, 2018 CNX submitted a well work permit application identified as API# 47-061-01815. The proposed well is to be located on the WDTN 19 Pad in Battelle District of Monongalia County, West Virginia.
4. 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.”

ORDER

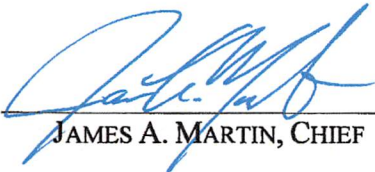
West Virginia Code §22-6A-12(b) requires, in part, that “no well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland. The Office of Oil and Gas grants the request for a waiver for Wetlands 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.

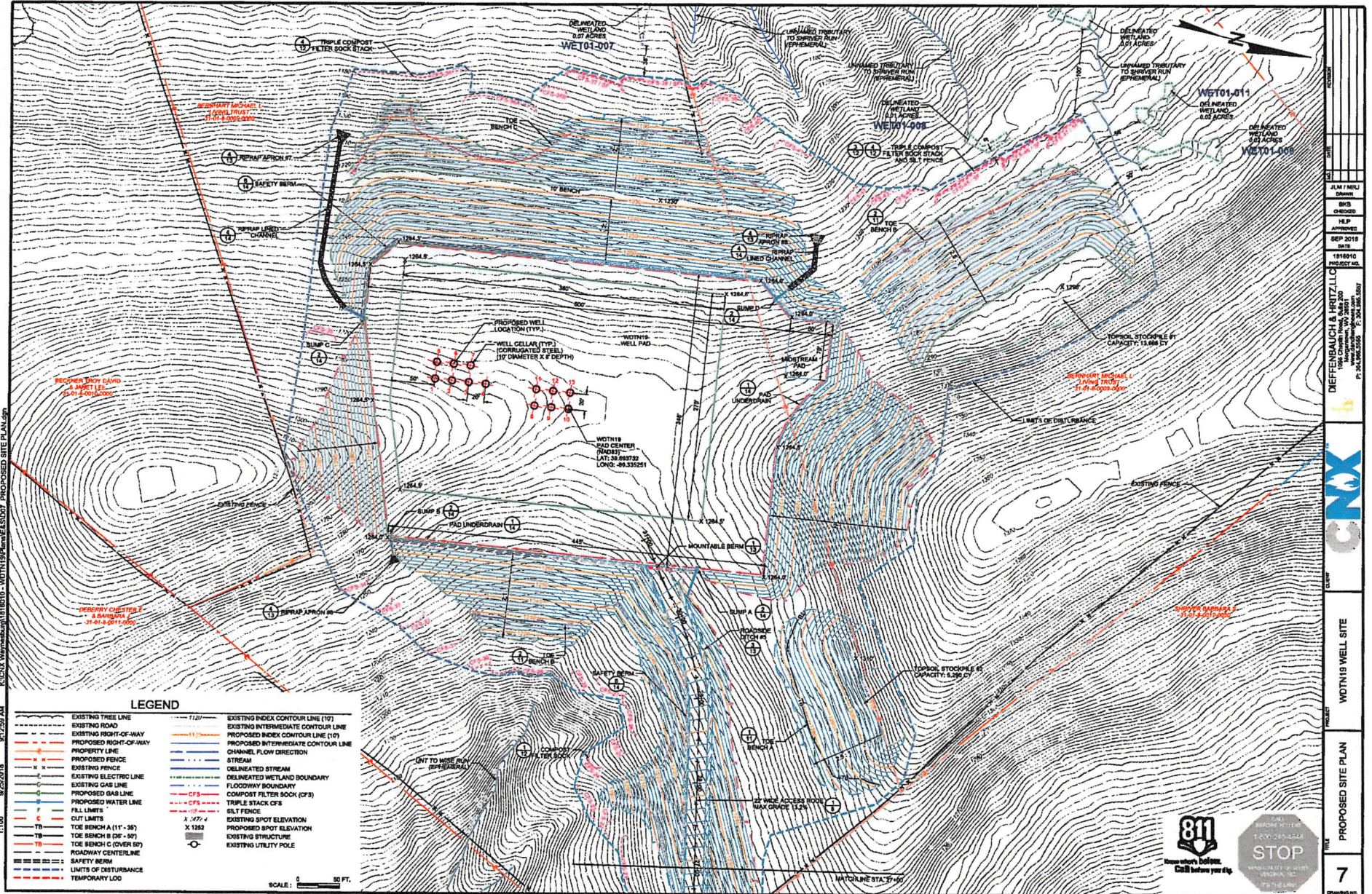
Thus ORDERED, the 9rd day of October, 2018.

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

ATTACHMENT 1



K:\C\K\Wm\wot19\wot19\WELL19.DWG, PROPOSED SITE PLAN.dwg
8/25/2018 8:25:59 AM
1:100

PROJECT	WOT19 WELL SITE
TITLE	PROPOSED SITE PLAN
DATE	SEP 2018
DATE	1916016
PROJECT NO.	1916016
DESIGNED BY	JAN / MRL
DATE	08/03/18
APPROVED BY	H.P.
DATE	08/03/18
PROJECT	DIFFENBAUGH & HRITZ, LLC
ADDRESS	1000 Church Road, Suite 200 Westborough, MA 01581 P: 508.735.8200 F: 508.735.8202
CLIENT	NOX
PROJECT	WOT19 WELL SITE
TITLE	PROPOSED SITE PLAN
DATE	7

