

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

API 47-061-01933-00-00 County MONONGALIA District BATELLE  
Quad WADESTOWN Pad Name WDTN5 Field/Pool Name \_\_\_\_\_  
Farm name CNX GAS COMPANY LLC Well Number WDTN5PHSM  
Operator (as registered with the OOG) CNX GAS COMPANY LLC  
Address 1000 HORIZON VUE DRIVE City CANONSBURG State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4395442.75 Easting 556814.27  
Landing Point of Curve Northing 4395157.78 Easting 557177.64  
Bottom Hole Northing 4393276.87 Easting 558769.85

Elevation (ft) 1,389' GL Type of Well ☒ New ☐ Existing Type of Report ☐ Interim ☒ Final  
Permit Type ☐ Deviated ☐ Horizontal ☒ Horizontal 6A ☐ Vertical Depth Type ☐ Deep ☒ Shallow  
Type of Operation ☐ Convert ☐ Deepen ☒ Drill ☐ Plug Back ☐ Redrilling ☐ Rework ☐ Stimulate  
Well Type ☐ Brine Disposal ☐ CBM ☒ Gas ☐ Oil ☐ Secondary Recovery ☐ Solution Mining ☐ Storage ☐ Other \_\_\_\_\_  
Type of Completion ☒ Single ☐ Multiple Fluids Produced ☒ Brine ☒ Gas ☐ NGL ☐ Oil ☐ Other \_\_\_\_\_  
Drilled with ☐ Cable ☒ Rotary

Drilling Media Surface hole ☒ Air ☐ Mud ☐ Fresh Water Intermediate hole ☒ Air ☐ Mud ☐ Fresh Water ☐ Brine  
Production hole ☐ Air ☒ Mud ☐ Fresh Water ☐ Brine

Mud Type(s) and Additive(s)  
SYNTHETIC BASED FLUID

ADDITIVES: ABS MUL (EMULSIFIER), CALCIUM CHLORIDE, FLR PLUS (GILSONITE), CLAYTONE EMULSION AGENT, PACES WA II (WETTING AGENT), LIME


Date permit issued 06.12.2023 Date drilling commenced 11.13.2023 (spud) Date drilling ceased 02.05.2024  
Date completion activities began 12.14.2024 Date completion activities ceased 01.07.2025  
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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

Freshwater depth(s) ft 125', 399' and deepest at ~1,070' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 2,115' 2,565' (zones may not have saltwater) Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 709'-712', 970'-976', 1,058'-1,062', 1,063'-1,070' Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

**APPROVED**

Reviewed by:

  
**05/23/2025**

WR-35  
Rev. 8/23/13

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API 47-061 - 01933-00-00 Farm name CNX GAS COMPANY LLC Well number WDTN5PHSM

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	26"	20"	100'	NEW	94lb/ft	N/A	GROUT TO SURFACE
Surface	17.5"	13.375"	1,370	NEW	J-55 54.5lb/ft	N/A	Y - CEMENT TO SURFACE
Coal							
Intermediate 1	12.25"	9.625"	2,972'	NEW	J-55 36lb/ft	N/A	Y - CEMENT TO SURFACE
Intermediate 2							
Intermediate 3							
Production	8.75" & 8.5"	5.5"	16,542'	NEW	P-110 20lb/ft	N/A	Y - TOC @ 1,885'
Tubing							
Packer type and depth set		N/A					

Comment Details ALL DEPTHS ARE REFERENCED GROUND LEVEL ELEVATION

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	HALCEM	1,055	15.8	1.162	1,225	Surface	8
Coal							
Intermediate 1	HALCEM	975	15.8	1.148	1,119	Surface	8
Intermediate 2							
Intermediate 3							
Production	NEOCEM / NEOCEM	1,117 (LEAD) / 2,055 (TAIL)	15.0 / 15.0	1.127 (LEAD) / 1.123 (TAIL)	1,311(LEAD) / 2,398(TAIL)	1,885'	8
Tubing							

Drillers TD (ft) 16,580'

Loggers TD (ft) 16,580'

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure N/A

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Kick off depth (ft) 7,445' (MD) 5,933' (TVD)

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Check all wireline logs run

☐ caliper ☐ density ☐ deviated/directional ☐ induction  
☐ neutron ☐ resistivity ☐ gamma ray ☐ temperature ☐ sonic

Well cored ☐ Yes ☒ No

Conventional Sidewall

Were cuttings collected ☒ Yes ☐ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

SURFACE: Centralize every other joint from shoe to surface; 17 placed

INTERMEDIATE: Centralize every other joint from shoe to surface; 32 placed

PRODUCTION: Centralize every joint from shoe to TOC; 350 placed

WAS WELL COMPLETED AS SHOT HOLE ☒ Yes ☐ No DETAILS Plug and Perf

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS

WERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED

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API 47- 061 - 01933-00-00 Farm name CNX GAS COMPANY LLC Well number WDTN5PHSM

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHMENT	1		

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
		SEE	ATTACHMENT	2				

Please insert additional pages as applicable.

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API 47- 061 - 01933-00-00 Farm name CNX GAS COMPANY LLC Well number WDTN5PHSM

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>6,670'</u>	<u>TVD</u>	<u>12,938'</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST ☒ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☒ Flow ☐ Pump

SHUT-IN PRESSURE Surface 2000 psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY  
4104 mcfpd 0 bpd 0 bpd 3048 bpd ☐ Estimated ☒ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	0		0		
					(SEE ATTACHED FORMATION LOG)
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Please insert additional pages as applicable.

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Drilling Contractor PRECISION DRILLING COMPANY  
Address 125 TECHNOLOGY DRIVE City CANONSBURG State PA Zip 15317

Logging Company SCIENTIFIC DRILLING  
Address 124 VISTA DRIVE City CHARLEROI State PA Zip 15022

Cementing Company HALLIBURTON  
Address 1000 NOBLE ENERGY DRIVE, SUITE 400 City CANONSBURG State PA Zip 15317

Stimulating Company Evolution Well Services  
Address 1780 Hughes Landing Blvd Suite 125 City The Woodlands State TX Zip 77380

Please insert additional pages as applicable.

Completed by MIKE HONCE Telephone 304-406-8909  
Signature [Signature] Title Superintendent Completions Date 2/4/2025

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

05/23/2025



## ATTACHMENT 1: WDTN5PHSM 47-061-1933

## Perforations

Well Name	Perforation Stage Number	Date	Top Depth	Bottom Depth	Perfs Open	Reservoir Zone
WDTN5PHSM	1	12/14/2024 11:10	16,438.5	16,491.5	16	Marcellus Shale
WDTN5PHSM	2	12/14/2024 15:05	16,170.3	16,383.9	48	Marcellus Shale
WDTN5PHSM	3	12/19/2024 23:40	15,927.3	16,140.9	48	Marcellus Shale
WDTN5PHSM	4	12/20/2024 7:21	15,684.3	15,897.9	48	Marcellus Shale
WDTN5PHSM	5	12/20/2024 12:02	15,441.3	15,654.9	48	Marcellus Shale
WDTN5PHSM	6	12/20/2024 19:56	15,198.3	15,411.9	48	Marcellus Shale
WDTN5PHSM	7	12/21/2024 1:19	14,955.3	15,168.9	48	Marcellus Shale
WDTN5PHSM	8	12/21/2024 6:15	14,712.3	14,925.9	48	Marcellus Shale
WDTN5PHSM	9	12/21/2024 11:08	14,468.3	14,682.8	48	Marcellus Shale
WDTN5PHSM	10	12/21/2024 17:23	14,224.3	14,438.8	48	Marcellus Shale
WDTN5PHSM	11	12/21/2024 22:47	13,980.3	14,194.8	48	Marcellus Shale
WDTN5PHSM	12	12/22/2024 3:53	13,736.3	13,950.8	48	Marcellus Shale
WDTN5PHSM	13	12/22/2024 8:15	13,492.3	13,706.8	48	Marcellus Shale
WDTN5PHSM	14	12/22/2024 13:54	13,248.3	13,462.8	48	Marcellus Shale
WDTN5PHSM	15	12/22/2024 19:49	13,004.3	13,218.8	48	Marcellus Shale
WDTN5PHSM	16	12/23/2024 2:36	12,760.3	12,974.8	48	Marcellus Shale
WDTN5PHSM	17	12/23/2024 10:54	12,516.3	12,730.8	48	Marcellus Shale
WDTN5PHSM	18	12/23/2024 18:00	12,272.3	12,486.8	48	Marcellus Shale
WDTN5PHSM	19	12/23/2024 22:46	12,028.3	12,242.8	48	Marcellus Shale
WDTN5PHSM	20	12/24/2024 5:35	11,784.3	11,998.8	48	Marcellus Shale
WDTN5PHSM	21	12/24/2024 12:26	11,540.3	11,754.8	48	Marcellus Shale
WDTN5PHSM	22	12/24/2024 19:37	11,296.3	11,510.8	48	Marcellus Shale
WDTN5PHSM	23	12/25/2024 2:12	11,052.3	11,266.8	48	Marcellus Shale
WDTN5PHSM	24	12/25/2024 9:59	10,808.3	11,022.8	48	Marcellus Shale
WDTN5PHSM	25	12/25/2024 17:39	10,564.3	10,778.8	48	Marcellus Shale
WDTN5PHSM	26	12/26/2024 4:06	10,320.3	10,534.8	48	Marcellus Shale
WDTN5PHSM	27	12/26/2024 8:50	10,076.3	10,290.8	48	Marcellus Shale
WDTN5PHSM	28	12/26/2024 19:23	9,832.3	10,046.8	48	Marcellus Shale
WDTN5PHSM	29	12/27/2024 14:14	9,588.3	9,802.8	48	Marcellus Shale
WDTN5PHSM	30	12/27/2024 18:53	9,344.3	9,558.8	48	Marcellus Shale
WDTN5PHSM	31	12/27/2024 23:31	9,100.3	9,314.8	48	Marcellus Shale
WDTN5PHSM	32	12/28/2024 5:45	8,856.3	9,070.8	48	Marcellus Shale
WDTN5PHSM	33	12/28/2024 15:29	8,612.3	8,826.8	48	Marcellus Shale
WDTN5PHSM	34	12/28/2024 17:57	8,368.3	8,582.8	48	Marcellus Shale

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## ATTACHMENT 2: WDTN5PHSM 47-061-01933

## Stim/Frac Proppant

Well Name	Stage #	Start Date	Treat Pressure Avg	Treat Pressure Max	Slurry Rate Avg	Instant. Shut-in Pressure	Type	Sand Size
WDTN5PHSM	1	12/14/2024 11:25	8,526.7	9,645.0	73	5,633.0	sand	100/100
WDTN5PHSM	2	12/19/2024 21:25	10,040.5	10,575.0	103	5,257.0	sand	100/100
WDTN5PHSM	3	12/20/2024 2:37	9,949.0	10,434.0	102	5,439.0	sand	100/100
WDTN5PHSM	4	12/20/2024 8:21	9,729.8	10,560.0	96	5,615.0	sand	100/100
WDTN5PHSM	5	12/20/2024 17:45	10,074.2	10,542.9	102	5,837.0	sand	100/100
WDTN5PHSM	6	12/20/2024 23:04	10,095.3	10,501.0	103	6,051.0	sand	100/100
WDTN5PHSM	7	12/21/2024 3:55	9,865.7	10,355.0	102	5,418.0	sand	100/100
WDTN5PHSM	8	12/21/2024 8:41	9,667.6	10,473.0	101	5,312.0	sand	100/100
WDTN5PHSM	9	12/21/2024 15:17	10,000.3	10,416.0	102	5,692.9	sand	100/100
WDTN5PHSM	10	12/21/2024 20:49	9,880.4	10,379.0	101	5,726.0	sand	100/100
WDTN5PHSM	11	12/22/2024 1:55	9,738.2	10,418.6	101	5,080.1	sand	100/100
WDTN5PHSM	12	12/22/2024 6:16	9,695.6	10,378.0	101	5,294.0	sand	100/100
WDTN5PHSM	13	12/22/2024 11:46	9,764.2	10,216.2	101	6,066.0	sand	100/100
WDTN5PHSM	14	12/22/2024 17:50	9,465.2	10,125.0	99	6,129.0	sand	100/100
WDTN5PHSM	15	12/23/2024 0:28	9,316.1	9,812.0	101	5,863.1	sand	100/100
WDTN5PHSM	16	12/23/2024 8:18	9,108.2	9,475.0	100	5,702.0	sand	100/100
WDTN5PHSM	17	12/23/2024 15:51	9,513.1	10,370.0	102	6,431.0	sand	100/100
WDTN5PHSM	18	12/23/2024 20:41	9,544.6	10,284.8	103	6,658.1	sand	100/100
WDTN5PHSM	19	12/24/2024 3:23	9,236.5	10,419.0	103	5,919.0	sand	100/100
WDTN5PHSM	20	12/24/2024 10:19	9,051.1	10,040.0	102	5,980.0	sand	100/100
WDTN5PHSM	21	12/24/2024 17:12	9,325.4	10,258.1	103	6,128.0	sand	100/100
WDTN5PHSM	22	12/25/2024 0:02	9,432.2	10,340.0	103	6,145.0	sand	100/100
WDTN5PHSM	23	12/25/2024 7:40	9,257.0	10,308.0	100	4,934.0	sand	100/100
WDTN5PHSM	24	12/25/2024 15:34	9,035.2	10,330.0	102	5,726.0	sand	100/100
WDTN5PHSM	25	12/26/2024 0:56	9,403.7	10,326.0	103	6,024.0	sand	100/100
WDTN5PHSM	26	12/26/2024 6:46	9,213.3	10,120.0	103	5,959.0	sand	100/100
WDTN5PHSM	27	12/26/2024 17:18	9,622.0	10,086.0	104	5,329.0	sand	100/100
WDTN5PHSM	28	12/27/2024 12:06	9,069.2	10,187.0	103	6,229.0	sand	100/100
WDTN5PHSM	29	12/27/2024 16:51	9,240.3	10,415.0	102	6,480.0	sand	100/100
WDTN5PHSM	30	12/27/2024 21:42	9,011.0	10,277.0	104	5,137.0	sand	100/100
WDTN5PHSM	31	12/28/2024 3:43	8,958.4	10,378.0	103	4,981.0	sand	100/100
WDTN5PHSM	32	12/28/2024 11:27	8,782.7	10,259.0	103	4,769.0	sand	100/100
WDTN5PHSM	33	12/28/2024 16:00	8,853.9	10,257.0	103	4,665.0	sand	100/100
WDTN5PHSM	34	12/28/2024 20:32	8,791.0	9,484.0	104	4,913.0	sand	100/100

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WELL NAME: WDTN5PHSM

All depths are referenced to GLE

## LITHOLOGIES

LITHOLOGY / FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
UNDIFFERENTIATED SAND	0	411	0	411	Sandstone
UNDIFFERENTIATED LIMESTONE	411	441	411	441	Limestone
UNDIFFERENTIATED SAND	441	481	441	481	Sandstone
UNDIFFERENTIATED SILT	481	801	481	801	Siltstone
WAYNESBURG COAL	801	803	801	803	Coal
UNDIFFERENTIATED SILT	803	821	803	821	Siltstone
UNDIFFERENTIATED SAND	821	921	821	921	Sandstone
UNDIFFERENTIATED SILT	921	971	921	971	Siltstone
UNIDFFER. LIMESTONE / SILT	971	1141	971	1141	Siltstone
PITTSBURGH COAL	1141	1147	1141	1147	Coal
UNDIFFERENTIATED LIMESTONE	1147	1201	1147	1201	Limestone
UNDIFFERENTIATED SILT	1201	1371	1201	1371	Siltstone
UNDIFFERENTIATED SILT	1371	1701	1371	1701	Siltstone
UPPER FREEPORT COAL	1701	1702	1701	1702	Coal
UNDIFFERENTIATED SAND	1702	1781	1702	1781	Sandstone
LOWER FREEPORT COAL	1781	1782	1781	1782	Coal
UNDIFFERENTIATED SAND	1782	1883	1782	1883	Sandstone
MIDDLE KITTANING COAL	1883	1884	1883	1884	Coal
UNDIFFERENTIATED SAND	1884	2071	1884	2071	Sandstone
UNDIFFERENTIATED SILT	2071	2251	2071	2252	Siltstone
UNDIFFERENTIATED SAND	2251	2271	2252	2272	Sandstone
UNDIFFERENTIATED SILT	2271	2311	2272	2312	Siltstone
UNDIFFERENTIATED SHALE	2311	2351	2312	2352	Shale
UNDIFFERENTIATED SILT	2351	2391	2352	2393	Siltstone
BIG LIME	2391	2451	2393	2453	Limestone
KEENER	2451	2481	2453	2483	Sandstone
BIG INJUN	2481	2661	2483	2664	Sandstone, gas @ 2500'TVD
BIG INJUN BASE	2661	3051	2664	3056	Sandstone
50 FOOT	3051	3111	3056	3116	Sandstone
GORDON	3111	3276	3116	3281	Sandstone
FIFTH	3276	3323	3281	3328	Sandstone
BAYARD	3323	5261	3328	5301	Sandstone
ELK	5261	6982	5301	7094	Sandstone
RHINESTREET	6982	7435	7094	7559	Shale

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LITHOLOGY / FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
CASHAQUA	7435	7597	7559	7702	Shale
MIDDLESEX	7597	7699	7702	7825	Shale
WEST RIVER	7699	7777	7825	7933	Shale
BURKET	7777	7805	7933	7975	Black Shale, gas @ 7780'TVD
TULLY	7805	7838	7975	8027	Limestone
HAMILTON	7838	7972	8027	8291	Shale
MARCELLUS	7972		8291		Black Shale, gas @ 7975'TVD

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## Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/14/2024
Job End Date:	12/28/2024
State:	West Virginia
County:	Monongalia
API Number:	47-061-01933-00-00
Operator Name:	CNX Gas Company LLC
Well Name and Number:	WDTN5PHSM
Latitude:	39.701595
Longitude:	-80.334825
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8013
Total Base Water Volume (gal)*:	10833354
Total Base Non Water Volume:	0



Water Source	Percent
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### Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
ACI-150	PVS-Nolwood Chemicals	Acid corrosion inhibitor					
Citric Acid 50%	PVS-Nolwood Chemicals	Iron Control					
Clearal 268	Chemstream	Biocide					
HCL Acid (28%)	CHEMSTREAM	Acid					
Sand	US Silica	Proppant					
StimSTREAM FR 9800	Chemstream	Friction Reducer					
StimSTREAM SC 405	Chemstream	Scale Control					
Water	CNX	Carrier/Base Fluid					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	83.48536	None
			Crystalline Silica in the	14808-60-7	99.90000	16.39068	None

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			form of Quartz				
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	40.00000	0.02324	None
			Alkanes, C12-26-Branched and Linear	90622-53-0	40.00000	0.02324	None
			Hydrogen chloride	7647-01-0	28.00000	0.01479	None
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00291	None
			Glutaraldehyde	111-30-8	20.00000	0.00203	None
			AA/Maleic Anhydride Co-polymer	9003-04-7	5.00000	0.00105	None
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00105	None
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00030	None
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00030	None
			Citric acid	77-92-9	50.50000	0.00018	None
			Methyl alcohol	67-56-1	70.00000	0.00018	None
			Ethanol	64-17-5	1.50000	0.00015	None
			Ethylene glycol	107-21-1	20.00000	0.00005	None
			N,N-Dimethylformamide	68-12-2	10.00000	0.00003	None
			Cinnamaldehyde	104-55-2	5.00000	0.00001	None
			2-Butoxyethanol	111-76-2	5.00000	0.00001	None
			Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	5.00000	0.00001	None
			Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	5.00000	0.00001	None

\* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

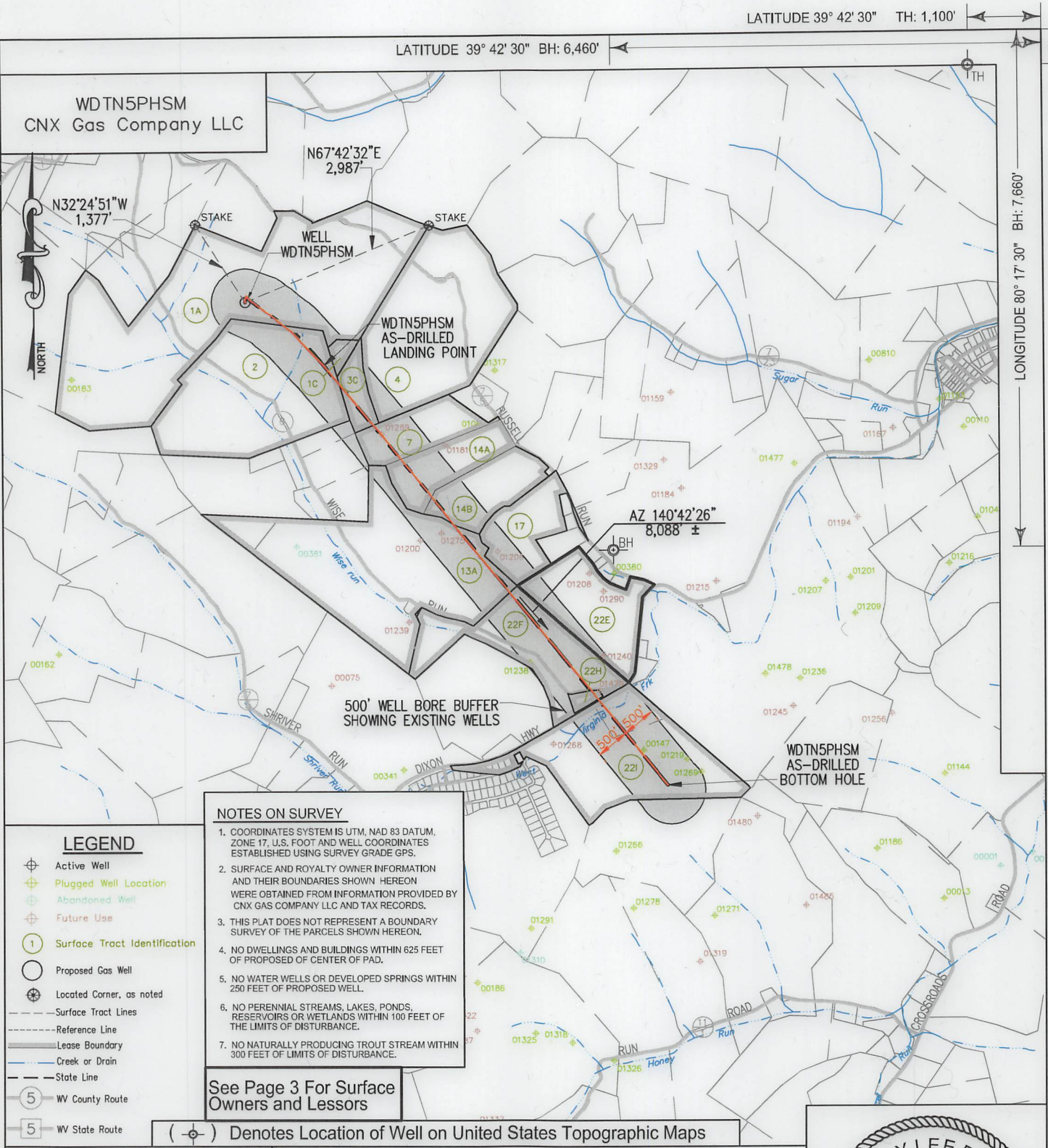
RECEIVED  
Office of Oil and Gas

FEB 10 2025

WV Department of  
Environmental Protection

05/23/2025





**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.

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.

*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: OCTOBER 10 20 24  
OPERATORS WELL NO:  
API WELL NO  
47 - 061 - 01933  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION ELEVATION: 1390' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown  
DISTRICT: Batelle COUNTY: Monongalia  
SURFACE OWNER: John M. Wise, ET UX., ET AL. ACREAGE: 207.36 ±  
ROYALTY OWNER: Richard W. Wise, ET AL. LEASE NO: 189010000 ACREAGE: 207.36 ±  
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: 7,998'

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

AS-DRILLED



WDTN5PHSM  
CNX Gas Company LLC

TRACT ID	SURFACE OWNER	LESSOR	PIN
1A	Richard Wise, et al	Richard L. McCauley	1-8-2
		Judy A. Eckman	
		Thomas E. McCauley	
		Regina Wise Myers, aka Violet Regina Myers	
		Evalee A. Everly Shaheen	
		Zelda Ruth Brummage	
		Dexter Murle Stewart	
		Walter C. Ord	
		James Freeman Stewart	
		Clifford J. Wise	
		Victor E. Wise, a single man	
		Jesse D. Jones, a married man	
		Phyllis J. Petrosky, a widowed woman	
		Annette E. Stewart, single	
		Harold M. Jones, Jr., a single man	
		Robert Stewart	
		Richard W. Wise	
		Walter R. Currence	
		Donald D. Wise, aka Donald G. Wise	
		Maureen S. Currence	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Michelle L. Currence	
		Justin P. Stewart, single	
		Debra Goff	
		Eleanor J. Wise, single	
		Donald E. Nunley and Deborah L. Nunley	
		Fred C. Wise and Alice F. Wise	
		Patricia J. Mumaw and Richard L. Mumaw	
		Richard A. Nunley and Diana K. Nunley	
		Mary Nunley Stepelton and Donald Stepelton	
		Linda Stapp	
		Melissa A. Bookout	
		Jane Irons, widow	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Eileen Ann Lyle	
		Robert Eugene Michael, Sr.	
		Frank Dennis Michael, Jr.	
		Evelyn June Michael	
		Tonya Chersin	
		Boyd Hawkins	
		Becky L. Hawkins f/k/a Becky Bortnick	

2500'

WDTN5PHSM

1" = 2000'

Well References

S40°15'10"W  
447'

S52°23'46"E  
532'

REFERENCE STAKE

REFERENCE STAKE

WDTN5PHSM

1" = 2000'

SURFACE HOLE LOCATION (SHL)

UTM 17 NAD 83  
N: 4395442.75  
E: 556814.27  
NAD 83, WV NORTH  
N: 440706.398  
E: 1732953.647  
LAT/LON DATUM NAD 83  
LAT: 39°42'25.035"  
LON: 80°20'14.066"  
LANDING POINT  
UTM 17 NAD 83  
N: 4395157.78  
E: 557177.64  
NAD 83, WV NORTH  
N: 439751.395  
E: 1734130.378  
LAT/LON DATUM NAD 83  
LAT: 39°42' 15.705"  
LON: 80°19' 58.896"

WDTN5 WELL PAD

WDTN5RHSM  
WDTN5PHSM  
WDTN5QHSM  
WDTN5WHSM  
WDTN5XHSM  
WDTN5ZHSM  
WDTN5BHSM  
WDTN5GHSM  
WDTN5NHSM  
WDTN5HHSM  
WDTN5IHSM

BOTTOM HOLE LOCATION (BHL)

UTM 17 NAD 83  
N: 4393276.87  
E: 558769.85  
NAD 83, WV NORTH  
N: 433492.136  
E: 1739251.864  
LAT/LON DATUM NAD 83  
LAT: 39° 41' 14.308"  
LON: 80° 18' 52.641'

KEYSTONE

CONSULTANTS, LLC

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

TERRY LEE ROWE

LICENSED

No. 2394

STATE OF

WEST VIRGINIA

PROFESSIONAL SURVEYOR

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: OCTOBER 10 20 24  
OPERATORS WELL NO:  
API WELL NO  
47 - 061 - 01933  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION ELEVATION: 1390' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown  
DISTRICT: Batelle COUNTY: Monongalia  
SURFACE OWNER: John M. Wise, ET UX., ET AL. ACREAGE: 05/28/2025  
ROYALTY OWNER: Richard W. Wise, ET AL. LEASE NO: 189010000 ACREAGE: 207.36 ±  
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: 7,998'  
WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora  
ADDRESS: 1000 Horizon Vue Drive ADDRESS: 1000 Horizon Vue Drive  
Canonsburg, PA 15317 Canonsburg, PA 15317


AS-DRILL FD



TRACT ID	SURFACE OWNER	LESSOR	PIN
2	Barbara J. Wagner	Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	1-8-3 1-8-3.1
		Donald L. White, et al	
		Barbara J. Wagner, a widow	
TRACT ID	SURFACE OWNER	LESSOR	PIN
1C	Richard Wise, et al	Richard L. McCauley	1-8-2
		Judy A. Eckman	
		Thomas E. McCauley	
		Regina Wise Myers, aka Violet Regina Myers	
		Evalee A. Everly Shaheen	
		Zelda Ruth Brummage	
		Dexter Murle Stewart	
		Walter C. Ord	
		James Freeman Stewart	
		Clifford J. Wise	
		Victor E. Wise, a single man	
		Jesse D. Jones, a married man	
		Phyllis J. Petrosky, a widowed woman	
		Annette E. Stewart, single	
		Harold M. Jones, Jr., a single man	
		Robert Stewart	
		Richard W. Wise	
		Walter R. Currence	
		Donald D. Wise, aka Donald G. Wise	
		Maureen S. Currence	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Michelle L. Currence	
		Justin P. Stewart, single	
		Debra Goff	
		Eleanor J. Wise, single	
		Donald E. Nunley and Deborah L. Nunley	
		Fred C. Wise and Alice F. Wise	
		Patricia J. Mumaw and Richard L. Mumaw	
		Richard A. Nunley and Diana K. Nunley	
		Mary Nunley Stepelton and Donald Stepelton	
		Linda Stapp	
		Melissa A. Bookout	
		Jane Irons, widow	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Eileen Ann Lyle	
		Robert Eugene Michael, Sr.	
		Frank Dennis Michael, Jr.	
		Evelyn June Michael	
		Tonya Chersin	
		Boyd Hawkins	
		Becky L. Hawkins f/k/a Becky Bortnick	
TRACT ID	SURFACE OWNER	LESSOR	PIN
3C	Donald A. Efaw, et ux	Jack Wise	1-8-14
		Daniel C. Clendenen and Nancy L. Clendenen, husband and wife	
		John C. Wise Jr. and Linda K. Wise, husband and wife	
		Annette Stewart	
		Bonnie R. Heil	
		Dexter Murle Stewart	
		Donald E. Nunley	
		Eva Lee Stewart f/k/a Evalee A. Everly	
		Fred C. Wise and Alice F. Wise, husband and wife	
		Harold M. Jones, Jr.	
		James Freeman Stewart by Eva Stewart, his Attorney-in-Fact	
		Jesse D. Jones	
		Judy Eckman	
		Justin P. Stewart	

05/23/2025



WDTN5PHSM CNX Gas Company LLC		PAGE 4 OF 7	
		Phyllis J. Petrosky	
		Richard McCauley and Susan I. McCauley, husband and wife	
		Thomas McCauley	
		Walter Currence	
		Walter C. Ord	
		Zelma Ruth Brummage f/k/a Zelma Ruth Stewart	
		Dawn Hughes	
		Bryan Kevin Goff and Samantha Peebles, husband and wife	
		Larry Neil Wise	
		Michelle Lynn Currence	
		Maureen Star Currence	
		Patricia Mumaw and Richard L. Mumaw, wife and husband	
		Regina Wise Myers a/k/a Violet Regina Myers	
		Richard A. Nunley and Diana K. Nunley, husband and wife	
		Mary Nunley Stepleton f/k/a Mary E. Nunley and Donald Stepelton, wife and husband	
		VBT Properties, LLC	
		Virgil Allen Wise	
		Blue Ridge Royalties, LLC	
		Robert Stewart	
		Tabitha Cronin, a/k/a Tabitha Sue Meritt	
		John D. Wise	
		Richard W. Wise	
		Kathy A. Sine	
		Opal Jane Wise	
		Brandon Sweeney	
		Jane Irons	
		Melissa Bookout	
		Brianna Skyler Sweeney	
		Frank Dennis Michael, Jr. and Mary Frances Michael, husband and wife	
		Robert Eugene Michael, Sr. and Darlene Ann Michael, husband and wife	
		Eileen Ann Lyle	
		Evelyn June Michael	
		Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin	
		Boyd Kawkins and Kari J. Hawkins, husband and wife	
		Becky L. Hawkins f/k/a Becky Bortnick a/k/a Becky Bortnick Hawkins	
TRACT ID	SURFACE OWNER	LESSOR	PIN
4	CNX Midstream DEVCO III LP	Amir H. Mohammadi	1-8-17
		Aliakbar Afshari	
TRACT ID	SURFACE OWNER	LESSOR	PIN
7	Dewey & Beatrice Russell EST	Mabel G. Wilson; Bonnie R. Hostutler and William M. Hostutler, her husband	1-8-15
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Exploration & Production, Inc.	
		CONSOL Gas Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
14A	Bonnie R. Hostutler, et al	Mabel G. Wilson; Bonnie R. Hostutler and William M. Hostutler, her husband	1-8-23.1
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Exploration & Production, Inc.	
		CONSOL Gas Company	
<div>05/23/2025</div>			
		API WELL NO 47 - 061 - 01933 STATE COUNTY PERMIT	




TRACT ID	SURFACE OWNER	LESSOR	PIN
14B	Bonnie R. Hostutler, et al	Linda S. Brady	1-8-23.1
		James D. Brady	
		Rita Jean Stallberg	
		Nancy K. Hoffman	
		Donald L. Brady	
		Ronald Brady	
		Linnie M. Russell	
		Linda K. Baker	
		Nathan Dane Kyle	
		Stephen D. Russell	
		Paul E. Brady, III	
		Robert W. Russell, Jr.	
		Jeffrey Lewis Brady	
		Chad L. Hoffman	
		Tina R. Davis	
		Carla K. Moser	
		Randy G. McDaniel	
		David W. Robinson	
		Mary Jane Keys	
		Ward Robin Brumfield	
		Kenyon G. Kyle	
		William C. Powell	
		James E. Stiffler and Mary Stiffler	
		Gregory L. Russell	
		Dari Sullivan	
		Kim Kyle	
		George Steven Bachman	
		Richard Eugene Brady	
		Barry A. Kennedy & W. Kirt Kennedy, as co-trustees of the Kennedy Revocable Trust No. 1, UTD December 1, 1980	
		Tina Russell Hainbach	
		John D. Brumfield III	
		Roger Brumfield	
		William Baker	
		Larry J. McDaniel	
		Robert J. Wittman DBA Five Star JV II	
		Patsy Brady	
TRACT ID	SURFACE OWNER	LESSOR	PIN
13A	Barbara S. Shriver	S. H. Shiver and Lucretia Shiver, his wife	1-8-8
			1-8-12
			1-8-12.1
		South Penn Oil Company	
		Henry D. Shriver and Barbara E. Shriver, his wife, and Virginia Taylor Perry and Graves H. Perry, her husband	
		Hope Natural Gas Company	
		Consolidated Gas Supply Corporation	
		Consolidated Gas Transmission Corporation	
		Anne D. Coon, Betty Rodriquez, Anne Barr, Wilma S. Shriver, Ralph Shriver, William R. Shriver, Jack L. Shriver, George H. Shriver and Geraldine L. Shriver	
		Virginia Taylor Perry	
		CNG Transmission Corporation	
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Transmission, Inc.	
		CONSOL Energy Holdings LLC XVI	
		CONSOL Gas Company	

05/23/2025



WDTN5PHSM CNX Gas Company LLC		PAGE 6 OF 7	
TRACT ID	SURFACE OWNER	LESSOR	PIN
17	Jackie L. Wilson, et al	Mabel G. Wilson; Bonnie R. Hostutler and William M. Hostutler, her husband	1-8-23
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Exploration & Production, Inc.	
		CONSOL Gas Company	
		Mabel G. Wilson; Bonnie R. Hostutler and William M. Hostutler, her husband	
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Exploration & Production, Inc.	
		CONSOL Gas Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
22E	Donald L. White, et ux	S. H. Shiver and Lucretia Shiver, his wife	1-8-25
		South Penn Oil Company	
		Henry D. Shriver and Barbara E. Shriver, his wife, and Virginia Taylor Perry and Graves H. Perry, her husband	
		Hope Natural Gas Company	
		Consolidated Gas Supply Corporation	
		Consolidated Gas Transmission Corporation	
		Anne D. Coon, Betty Rodriquez, Anne Barr, Wilma S. Shriver, Ralph Shriver, William R. Shriver, Jack L. Shriver, George H. Shriver and Geraldine L. Shriver	
		Virginia Taylor Perry	
		CNG Transmission Corporation	
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Transmission, Inc.	
		CONSOL Energy Holdings LLC XVI	
		CONSOL Gas Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
22F	Barbara S. Shriver	S. H. Shiver and Lucretia Shiver, his wife	1-8-24
		South Penn Oil Company	
		Henry D. Shriver and Barbara E. Shriver, his wife, and Virginia Taylor Perry and Graves H. Perry, her husband	
		Hope Natural Gas Company	
		Consolidated Gas Supply Corporation	
		Consolidated Gas Transmission Corporation	
		Anne D. Coon, Betty Rodriquez, Anne Barr, Wilma S. Shriver, Ralph Shriver, William R. Shriver, Jack L. Shriver, George H. Shriver and Geraldine L. Shriver	
		Virginia Taylor Perry	
		CNG Transmission Corporation	
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Transmission, Inc.	
		CONSOL Energy Holdings LLC XVI	
		CONSOL Gas Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
22H	Gregory Lynn Shriver	S. H. Shiver and Lucretia Shiver, his wife	1-8-24.3
		South Penn Oil Company	
		Henry D. Shriver and Barbara E. Shriver, his wife, and Virginia Taylor Perry and Graves H. Perry, her husband	
		Hope Natural Gas Company	
		Consolidated Gas Supply Corporation	
		Consolidated Gas Transmission Corporation	
		Anne D. Coon, Betty Rodriquez, Anne Barr, Wilma S. Shriver, Ralph Shriver, William R. Shriver, Jack L. Shriver, George H. Shriver and Geraldine L. Shriver	
		Virginia Taylor Perry	
		CNG Transmission Corporation	
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Transmission, Inc.	
		CONSOL Energy Holdings LLC XVI	
		CONSOL Gas Company	




API WELL NO  
47 - 061 - 01933  
STATE COUNTY PERMIT

05/23/2025

WDTN5PHSM CNX Gas Company LLC		PAGE 7 OF 7	
TRACT ID	SURFACE OWNER	LESSOR	PIN
22I	Michael Tennant, et al	S. H. Shiver and Lucretia Shiver, his wife	1-8-36 1-13-33 1-13B-72 1-13B-73 1-13B-74 1-13B-75 1-13B-76 1-13B-77 1-13B-78 1-13B-79 1-13B-80 1-13B-81 1-13B-82
		South Penn Oil Company	
		Henry D. Shriver and Barbara E. Shriver, his wife, and Virginia Taylor Perry and Graves H. Perry, her husband	
		Hope Natural Gas Company	
		Consolidated Gas Supply Corporation	
		Consolidated Gas Transmission Corporation	
		Anne D. Coon, Betty Rodriquez, Anne Barr, Wilma S. Shriver, Ralph Shriver, William R. Shriver, Jack L. Shriver, George H. Shriver and Geraldine L. Shriver	
		Virginia Taylor Perry	
		CNG Transmission Corporation	
		CNG Producing Company	
		Dominion Exploration and Production Inc.	
		Antero Resources Appalachian Corporation	
		Dominion Transmission, Inc.	
		CONSOL Energy Holdings LLC XVI	
		CONSOL Gas Company	

05/23/2025

		API WELL NO	
47	-	061	- 01933
STATE		COUNTY	PERMIT