



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, May 11, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

CNX GAS COMPANY LLC
1000 HORIZON VUE DR.

CANONSBURG, PA 15370

Re: Permit Modification Approval for WDTN 28 BHSM
47-061-02027-00-00

Lateral Extension

CNX GAS COMPANY LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in black ink, appearing to read "Jason Harmon". The signature is fluid and cursive.

H. Jason Harmon
Acting Chief

Operator's Well Number: WDTN 28 BHSM
Farm Name: CONSOL MINING COMPANY LLC
U.S. WELL NUMBER: 47-061-02027-00-00
Horizontal 6A New Drill
Date Modification Issued: 05/11/2026

Promoting a healthy environment.

05/15/2026

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 MONONGA BATELLE HUNDRED
Operator ID County District Quadrangle

2) Operator's Well Number: WDTN28BHSM Well Pad Name: WDTN28

3) Farm Name/Surface Owner: CONSOL MINING COMPANY, LLC Public Road Access: MILLER RUN ROAD

4) Elevation, current ground: 1456.50 Elevation, proposed post-construction: 1472

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

(b) If Gas Shallow X Deep _____
Horizontal X

6) Existing Pad: Yes or No NO - UNDER CONSTRUCTION

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target formation is Marcellus Shale @ 7991' - 8042', 51' thick, Expected formation pressure ~4,600 psi

8) Proposed Total Vertical Depth: 8030' TVD at TD (8059' from the rig floor)

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

10) Proposed Total Measured Depth: 25,877' MD at TD

11) Proposed Horizontal Leg Length: 17,387'

12) Approximate Fresh Water Strata Depths: 684'

13) Method to Determine Fresh Water Depths: Data from wells previously drilled on adjacent CNX WDTN18 well pad

14) Approximate Saltwater Depths: 2,134', 3,284'

15) Approximate Coal Seam Depths: 770'-778', 856'-859', 937'-941', 1,179'-1,184', 1,278'-1,287'

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 x (map attached) No _____

(a) If Yes, provide Mine Info: Name: Marion County Mine
CK# 2140057890 Depth: 1259'
7500 Seam: Pittsburgh
4/29/2026 Owner: see attached

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18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20	New	L/S	<94.0	69	40	38 / CTS
Fresh Water	13.375	New	J-55	54.5	1,440	1,411	973 / CTS
Coal	13.375	New	J-55	54.5	1,440	1,411	973 / CTS
Intermediate	9.625	New	J-55	36	3,000	2,971	1,030 / CTS
Production	5.5	New	P-110	23	25,877	25,848	5,380 / TOC @ 2,800'
Tubing	2.375	New	J-55	4.7	Above assumes RF = 29'	TBD	N/A
Liners	N/A						

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20	30	.375	N/A	N/A	Type 1	1.18
Fresh Water	13.375	17.5	.380	2,730	<500	Class A	1.19
Coal	13.375	17.5	.380	2,730	<500	Class A	1.19
Intermediate	9.625	12.25	.352	3,520	<2,815	Class A	1.19
Production	5.5	8.75x8.5	.415	16,490	~11,000	Class A or H	1.10
Tubing	2.375	N/A	.190	7,700	N/A	N/A	N/A
Liners							

PACKERS

Kind:	N/A			
Sizes:				
Depths Set:				

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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. 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:

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): 56

22) Area to be disturbed for well pad only, less access road (acres): 22.15

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.

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

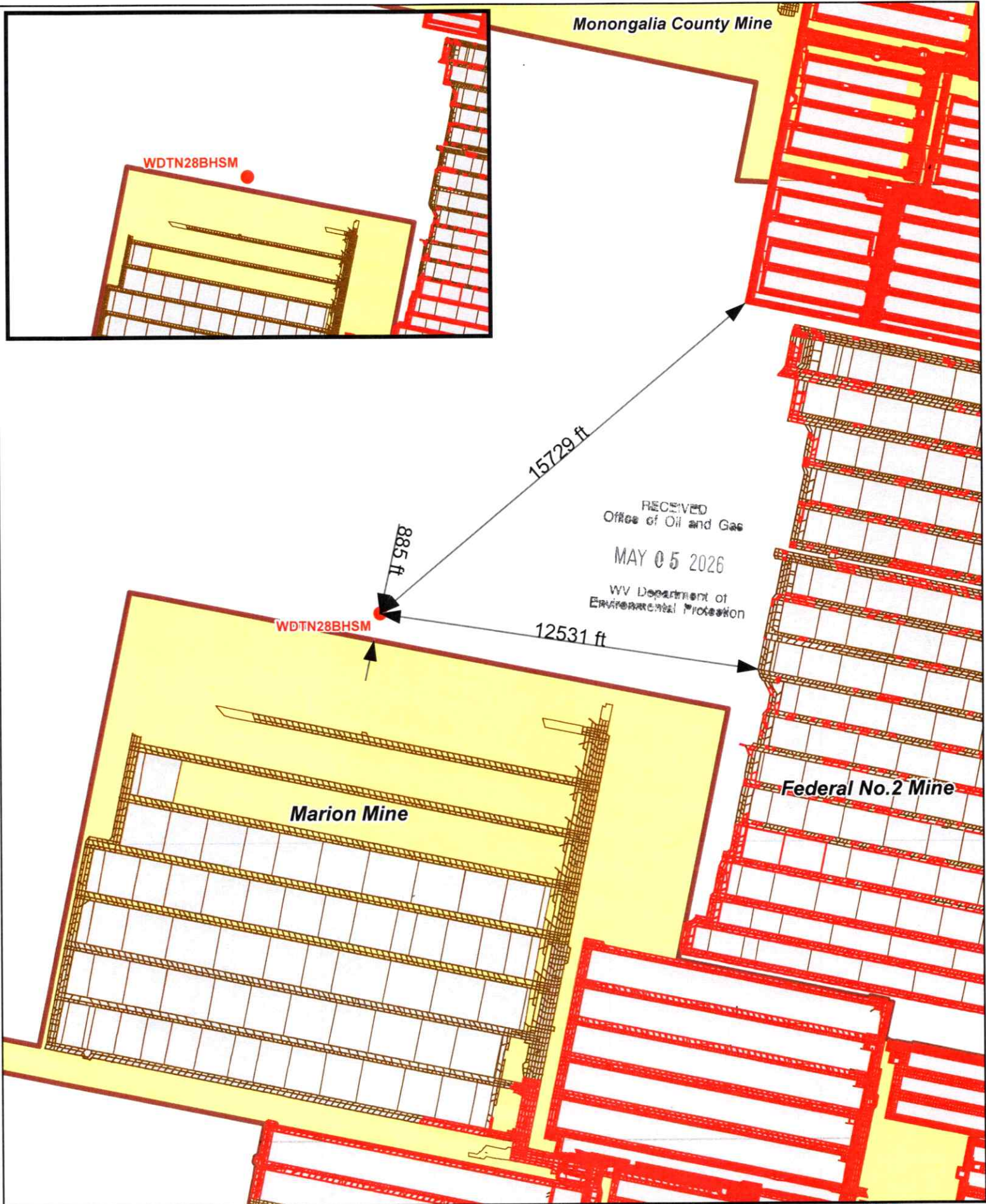
Fresh water/coal string: Class A cement with 1 %-3% CaCl₂ and 1/4 pps cello-flake/LCM. Intermediate string: Class A cement with 0%-2% CaCl₂ and 1/4 pps cello-flake/LCM. Production string: Class A or H cement or Class H:Poz blend with dry blend and/or liquid additives including retarder, suspension agent,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

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25) Proposed borehole conditioning procedures:

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

*Note: Attach additional sheets as needed.



Monongalia County Mine

WDTN28BHSM

WDTN28BHSM

Marion Mine

Federal No. 2 Mine

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15729 ft

885 ft

12531 ft

- Legend**
- Well Location
 - Mine Workings
 - Remaining Coal

- Mined Out
- Active Permit



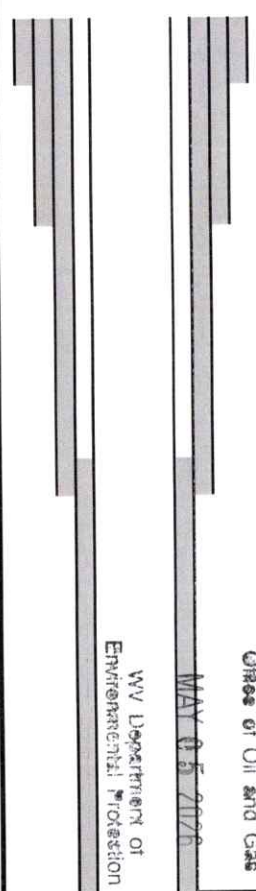
0 400 800 1,600 2,400 3,200 4,000 feet 1 inch = 4,000 feet	
Date: 1/30/2026	Prepared By: GIS
Revisions:	Approved By:
This map is property of CNX Resources Corp. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.	

CNX
WDTN28BHSM
Mine Map



DRILLING WELL PLAN
WDTN-28B-HSM (Marcellus HZ)
Marcellus Shale Horizontal
Monongalia County, WV

Ground Elevation			1456.5' GL Elevation		WDTN-28B-HSM SHL		N 431524.81, E 1751536.7 (NAD27)		
Azimuth			325°		WDTN-28B-HSM LP		N 431728.21, E 1750979.92 (NAD27)		
WELLBORE DIAGRAM			325°		WDTN-28B-HSM BHL		N 445969.09, E 1741008.34 (NAD27)		
HOLE	CASING	GEOLOGY	Tops (RKB)		MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
			MD	MD					
24"	20" L/S	Soil and Rock Conductor	69	69	AIR	To Surface	N/A	N/A	Stabilize surface fill/soil
17-1/2"	13-3/8" 54.5# (12.62" ID) J-55 BTC	DFGW		684	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		856					
		Pittsburgh Coal (Solid)		1,278					
		FW/Coal Casing	1,440	1,440					
12-1/4"	9-5/8" 36.0# (8.921" ID) J-55 LTC	Upper Freeport Coal		1,850	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		1,892					
		Middle Kittanning Coal		2,015					
		Big Lime		2,540					
		Big Injun Sand		2,627					
		Price Formation		2,847					
Intermediate Casing	3,000	3,000							
8-3/4" Tangent	5-1/2" 23.0# P-110 VAR	50 Foot		3,284	AIR	15.0 ppg Class A 50:50 Poz with additives (retarder, suspension agent, gas block, defoamer, fluid loss, extender, etc.)	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)	Note: For all strings, actual centralizer placements may be changed due to hole conditions
		Gordon		3,488					
		Fifth		3,588					
		Bayard		3,751					
		Elks		5,670					
		Rhinestreet		7,056					
		Burkett		7,833					
		Tully		7,858					
		Hamilton		7,889					
		Marcellus		8,019					
Production Casing	25,877	8,059							
8-1/2" Curve & Lateral					12.0-12.5 ppg SOBM	10% OH Excess Yield = 1.07 TOC @ >= 200' above 9-5/8" shoe	Once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement	Note: For all strings, actual cement blends may vary slightly depending upon service company utilized	



LP @ +/- 8490.5' MD 8059' TVD 8-3/4" x 8-1/2" Hole - Cemented Long String 5-1/2" 23.0# P-110 VAR +/- 17386.5' Lateral TD @ +/- 25877' MD 8059' TVD

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WDTN28 Pad Area of Review

In accordance with WVDEP 35CSR8 Section 5.11, all known shallow oil and gas (SOG) wells have been identified within a 500' radius of the WDTN28 pad that lie within the state of West Virginia. 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, Status, Formation at TD, Total Depth, and Lat/Long (see Figures 3 and 6).

The Marcellus Shale of the Wadestown area is found at an approximate True Vertical Depth (TVD) of 8000'. In the Wadestown area, there were very few wells that produced from formations deeper than the Bayard Sand (approximately 3600'). With that being said, there are **no known vertical wells that reach a total depth within 1500 vertical feet of the Marcellus Shale**. 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 WDTN28 Pad.

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 not developed in the Wadestown. Geomechanical data is collected from dipole sonic logs. CNX's nearest sonic data is from the NV20CCV well (Figure 4), approximately 21 miles north of the WDTN28 pad. Frac modeling (Figure 5) of the Marcellus in the area does not show significant upward frac growth.

There are no known CNX Marcellus lateral wells that lie within 500' of the proposed WDTN28 wells. If any CNX Marcellus wells existed within 500' of the WDTN28 laterals, we would monitor and utilize the Production Control Room (PCR) to set up alarms via CygNet for any abrupt casing pressure or water rate changes. Those variances are outlined below. If the CNX PCR receives an alarm, the process is to notify the production foreman and production engineer responsible for the pad so that they can analyze if a frac hit is imminent, or if the alarm is of little to no concern. Should a communication event occur that triggers WVDEP notification requirements, CNX will follow §35-8-9 (9.3.a).

- 20% positive or negative rate of change for hourly water log period
- 10% positive or negative rate of change for casing pressure over a period of 30 minutes

There are no 3rd Party Marcellus lateral wells that lie within 500' of the proposed WDTN28 wells.

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WDTN28 Pad AOR / SOG Review

Wednesday, November 13, 2024

Figure 1. Zero 3rd Party Marcellus wells lie within a 500' buffer around the proposed WDTN28 laterals, producing from the Marcellus Shale, shown below.

Well Name/API	Formation	Operator	Orientation	Within Zone of Influence	TVD Depth (ft)

Figure 2. Zero CNX wells producing from formations within 1500' above or below the Marcellus Shale and within 500' of proposed WDTN28 laterals.

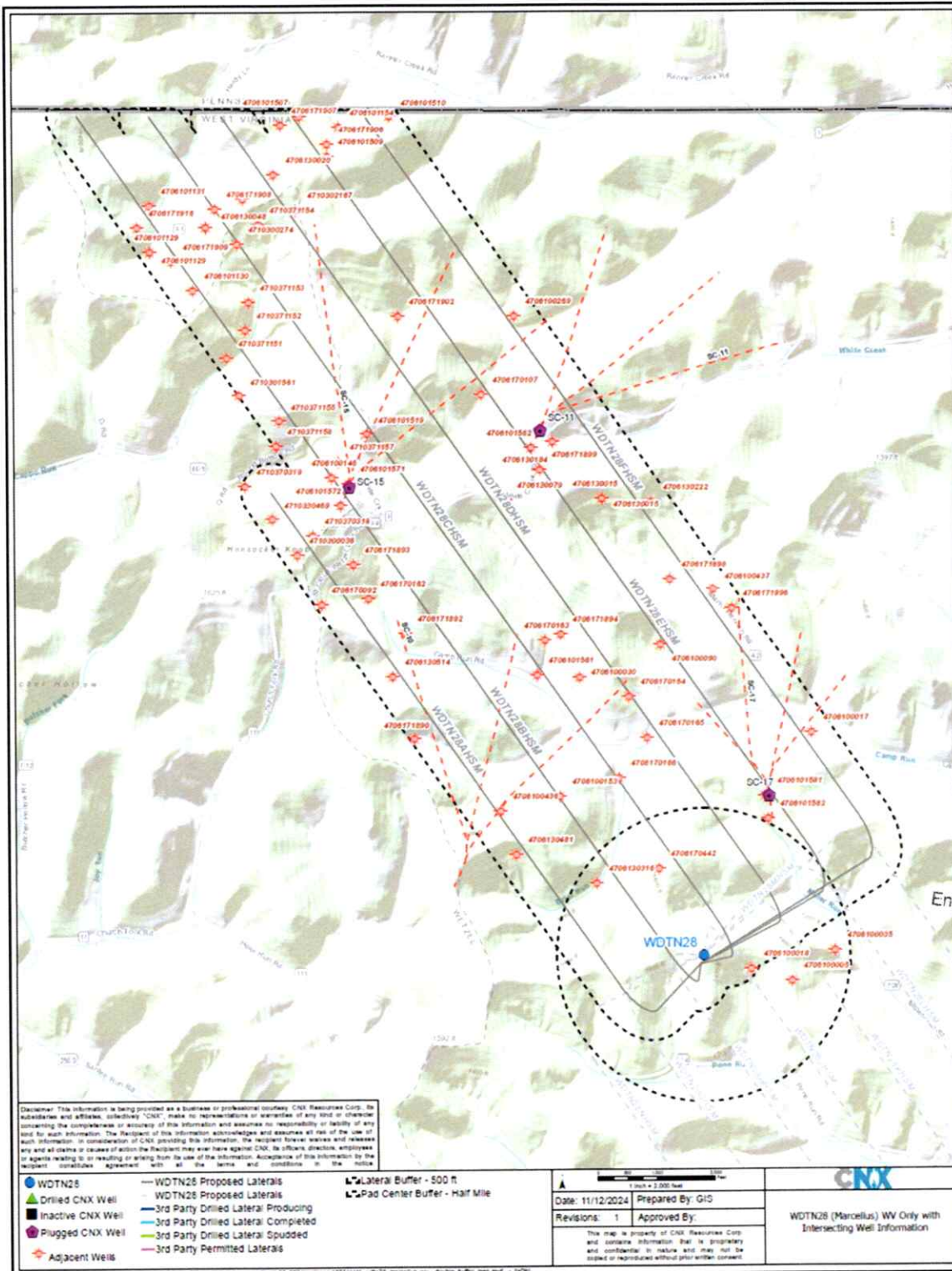
Well Name/API	Formation	Operator	Orientation	Within Zone of Influence	TVD Depth (ft)

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WDTN28 Pad AOR / SOG Review

Wednesday, November 13, 2024

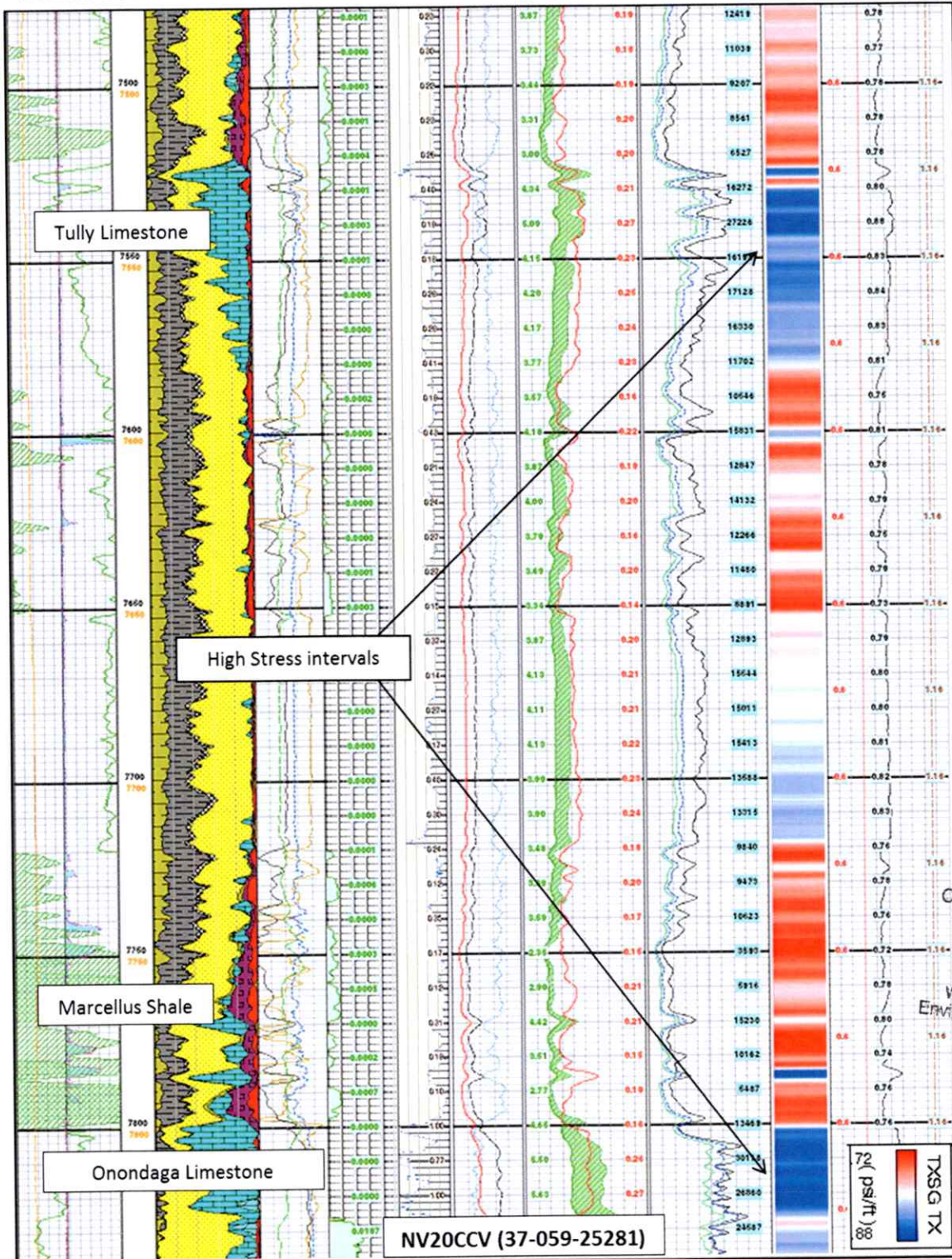
Figure 3. 71 wells lie within a 500' buffer around the WDTN28 Pad. 5 are Active, 48 are Inactive Status, and 19 are Plugged and Abandoned. The deepest well is 3655' and produces from the Bayard Sand. No known SOG Communication events have occurred in this area. The dashed laterals in the figure below are Pittsburgh Coal seam horizontal laterals at very shallow depths.



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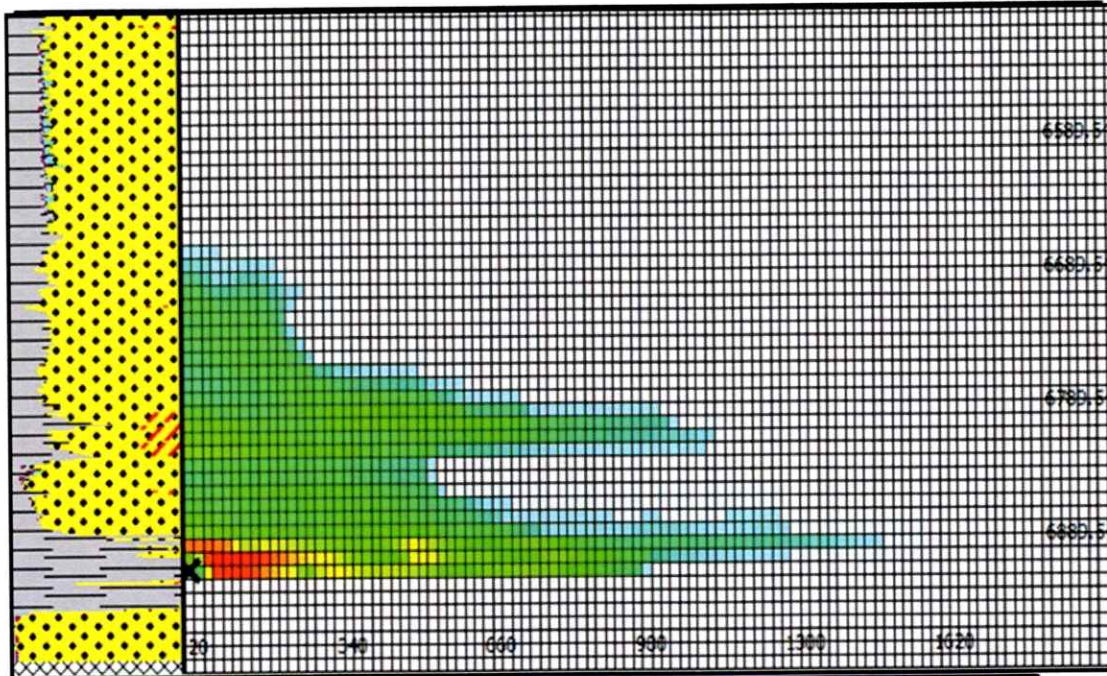
Figure 4. Stratigraphic intervals of high stress should serve as adequate confining layers, or frac barriers, for a Marcellus frac, seen below in the Wadestown Area Stress Profile log.

Wadestown Area Stress Profile Log



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Figure 5. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is from the Oxford area of western Doddridge County, where the Hamilton and Tully are much thinner than Wadestown. Frac modeling predicts frac height of approximately 300’.



Frac Simulation of the Oxford area, Doddridge County, WV. Model of 300 stage spacing yields frac height of 260 feet. Tully Limestone (~25'), Tully-Hamilton (~55'), Marcellus-Alexander (1500')

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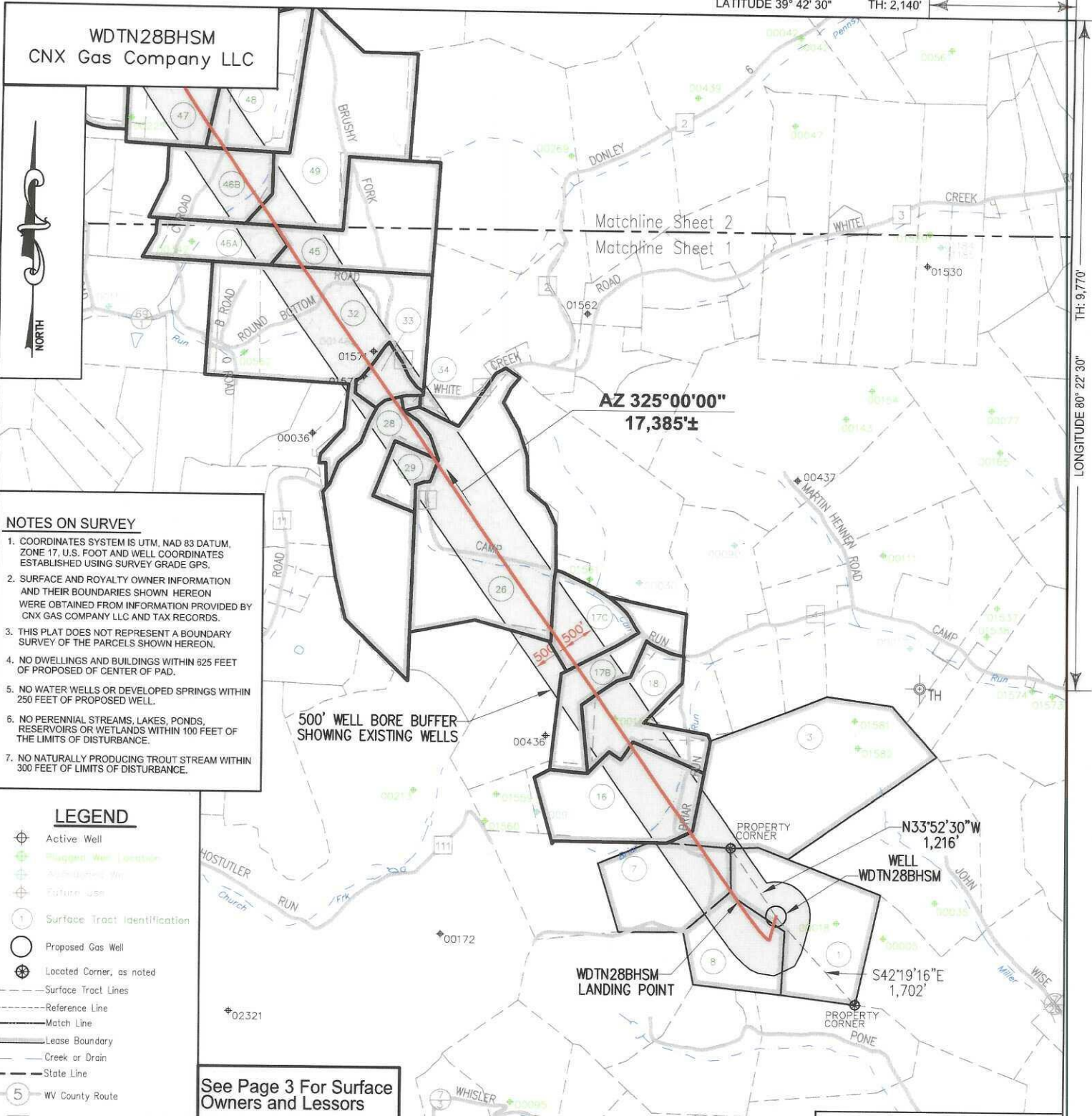


Figure 6. 71 wells lie within a 500' buffer around the WDTN28 Pad. 5 are Active, 48 are Inactive Status, and 19 are Plugged and Abandoned. The deepest well is 3655' and produces from the Bayard Sand. No known SOG Communication events have occurred in this area. The dashed laterals in the figure below are Pittsburgh Coal seam horizontal laterals at very shallow depths.

API Number	Well Name	Well Number	Current Operator	Fluid Type	Profile Type	Completion Formation	Current Status	Total Depth	Province State	County	Latitude - WGS84	Longitude - WGS84
4706201330	SHRYVER		1 PELLAR ENERGY LLC	OIL	V		ACTIVE	3417	WEST VIRGINIA	MONONGALIA (WV)	39.727781	80.413463
4710301561	HODNINBAUGH, G.	2	PELLAR ENERGY LLC	OIL & GAS	V	FOURTH	ACTIVE	3362	WEST VIRGINIA	WITZELL (WV)	39.707634	80.410646
4706201562	CONSOLIDATION COAL CO.	SC17A	DIVERSIFIED RESOURCES INC	GAS	V	UNIDENTIFIED COAL	ACTIVE	1096	WEST VIRGINIA	MONONGALIA (WV)	39.688274	80.378524
4706200438	LEMLEY		5373 PELLAR ENERGY LLC	GAS	V		ACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.685211	80.394604
4706200437	CLORES	5390	PELLAR ENERGY LLC	GAS	V		ACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.688061	80.41503
4706270092	BARNY RENNER		7 NATIONAL SUPPLY	UNKNOWN	U		INACTIVE	3333	WEST VIRGINIA	MONONGALIA (WV)	39.688119	80.405464
4710301049			PHILADELPHIA COMPANY, THE	GAS	U	GORDON	INACTIVE	3274	WEST VIRGINIA	WITZELL (WV)	39.702004	80.408565
4706201572	TERESA IRMA COMPANY	SC15A	CNK GAS COMPANY LLC	GAS	V	PITTSBURGH COAL	INACTIVE	1566	WEST VIRGINIA	MONONGALIA (WV)	39.702784	80.40444
4706201563	HENDERSON, DAVID & GAIL	SC11	DIVERSIFIED RESOURCES INC	GAS	V	PITTSBURGH COAL	INACTIVE	1500	WEST VIRGINIA	MONONGALIA (WV)	39.694879	80.392944
4706201571	TERESA IRMA COMPANY	SC15	CNK GAS COMPANY LLC	GAS	V	UNIDENTIFIED COAL	INACTIVE	1454	WEST VIRGINIA	MONONGALIA (WV)	39.703781	80.404005
4706201561	CONSOLIDATION COAL CO.	SC17	DIVERSIFIED RESOURCES INC	GAS	V	PITTSBURGH COAL	INACTIVE	1430	WEST VIRGINIA	MONONGALIA (WV)	39.685351	80.37872
4706201562	HENDERSON, DAVID & GAIL	SC11A	DIVERSIFIED RESOURCES INC	GAS	V	PITTSBURGH COAL	INACTIVE	1200	WEST VIRGINIA	MONONGALIA (WV)	39.705515	80.392969
4706201331	SNIDER	1	PELLAR ENERGY LLC	OIL	V		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.716699	80.416087
4706230055	CHARLES WHITE		MONONGAHELA WEST PENN PUBLIC SERVICE CO.	GAS	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.703194	80.38969
4706230053	CHARLES WHITE		MONONGAHELA WEST PENN PUBLIC SERVICE CO.	GAS	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.703194	80.38969
4706230020	J H SNIDER		COCHRAN COCHRAN	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.71212	80.40394
4706230048			UNION GASOLINE & OIL CO.	OIL & GAS	U	FOURTH	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.71212	80.41473
4706230079	SAMUEL KIMBLE HEIRS		WALKER & CONKLIN	GAS	U	THIRTY FOOT	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.703049	80.39451
4706230154	CORDELA O TALKINGTON	1	CARNEGIE NATURAL GAS CO	OIL & GAS	U	FIFTH	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.705204	80.391694
4706230222	T C CLOVIS	2	PITTSBURGH & WV GAS	GAS	U	BAYARD	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.703049	80.385627
4706230216	BANUSACHAMAN / HENRY GOODNIGHT	1	MANUFACTURE LIGHT & HEAT CO	GAS	U	BAYARD	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.685214	80.388875
4706230481	HENRY GOODNIGHT	1	MANUFACTURE LIGHT & HEAT CO	GAS	U	FOURTH	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.685219	80.393755
4706230514	JOHN HOSTUTLER	1	PITTSBURGH & WV GAS	GAS	U	BAYARD	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.684784	80.40265
4706270027			1 SYNDICATE OIL AND GAS CO.	UNKNOWN	U	FIFTH	INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.70798	80.396013
4706270262	BARNY RENNER		PHILADELPHIA COMPANY, THE	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.686409	80.402768
4706270263	NANCY HOSTUTLER		MANUFACTURE LIGHT & HEAT CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.685214	80.390262
4706270264	AMON JOHNSON		WHEELING NATURAL GAS CO., THE	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.684924	80.387
4706270265	NANCY JOHNSON		MANUFACTURE LIGHT & HEAT CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.682029	80.385473
4706270266	J H SIK		CARNEGIE NATURAL GAS CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.690144	80.387662
4706270402	ARMINA BEAN		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.685929	80.385213
4706271890	GEORGE RENNER		ADKINS, R. H., COMPANIES	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.685189	80.389497
4706271892	JOHN HOSTUTLER		PHILADELPHIA OIL CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.684603	80.400511
4706271893	BARNY RENNER		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.686997	80.403701
4706271894	B S BISSITT		PHILADELPHIA OIL CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.686204	80.391228
4706271895	ALFRED HANSEN		CLOVIS	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.69611	80.388084
4706271896	ELIAH CLOVIS		PHILADELPHIA OIL CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.694116	80.384659
4706271897	CHARLES WHITE		CLEVELAND	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.704496	80.395441
4706271902	S W GILMORE		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.71162	80.401074
4706271904	A R RENNER		WEST PENN OIL CO.	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.712620	80.405289
4706271907	JONATHAN B SNIDER		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.720473	80.408205
4706271908	JONATHAN B SNIDER		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.720473	80.412146
4706271909	L SHRYVER		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.716087	80.414773
4706271916	ROLLEY SNIDER		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	MONONGALIA (WV)	39.715684	80.416841
4710370318	MARTHA SIK		CARNEGIE NATURAL GAS CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.70131	80.416441
4710370319	JOHN H SIK I		COCHRAN AND FLUNK	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.703205	80.410271
4710371151	D W HODNINBAUGH		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.709688	80.411296
4710371152	D W HODNINBAUGH		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.720894	80.41027
4710371153	VERNON SNYDER		DAVIS OIL COMPANY	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.712201	80.410802
4710371154	VERNON SNYDER		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.714529	80.409619
4710371155	SAMUEL KIMBALL		MANUFACTURE LIGHT & HEAT CO	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.706672	80.408206
4710371157	HANCIAN SIK		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.704786	80.40464
4710371158	HANCIAN SIK		(N/A)	UNKNOWN	U		INACTIVE	0	WEST VIRGINIA	WITZELL (WV)	39.706512	80.406383
4706200069	BEAN, ARMINA	5385	PITTSBURGH & WV GAS	GAS	V	BAYARD	P & A	3655	WEST VIRGINIA	MONONGALIA (WV)	39.686684	80.377952
4710300038	SIK, MARTHA I.	1	PELLAR ENERGY LLC	GAS	V	FIFTH	P & A	3649	WEST VIRGINIA	WITZELL (WV)	39.700432	80.40708
4706200018	BEAN, H.E.	3414	MANUFACTURE LIGHT & HEAT CO	UNKNOWN	V	PITTSBURGH COAL	P & A	3625	WEST VIRGINIA	MONONGALIA (WV)	39.681274	80.379467
4706200153	LEMLEY, MINNIE & TELL	1	FOX, O. H.	GAS	V	2506	WEST VIRGINIA	3625	WEST VIRGINIA	MONONGALIA (WV)	39.682956	80.391528
4706200015	WISE, JOHN R., ETAL	3460	MANUFACTURE LIGHT & HEAT CO	GAS	V	FIFTH FOOT	P & A	3563	WEST VIRGINIA	MONONGALIA (WV)	39.682144	80.374402
4706200030	BISSETT, B. S.	5286	PITTSBURGH & WV GAS	GAS	V	BAYARD	P & A	3564	WEST VIRGINIA	MONONGALIA (WV)	39.684772	80.390011
4710300274	DAVIS FARM	1	OPER IN MINLOWATER FLD, NO CODE ASSON(ORPHAN WELL PROJ)	GAS	V	FIFTH	P & A	3546	WEST VIRGINIA	WITZELL (WV)	39.714837	80.410113
4706200269	GILMORE, ELLIZABETH, ETUX	1	BIG SAND DRILLING/SANDY GAS	GAS	V	BAYARD	P & A	3492	WEST VIRGINIA	MONONGALIA (WV)	39.711862	80.394529
4706201239	SHRYVER	2	LEATHERWOOD, LLC	OIL	V	FOURTH	P & A	3462	WEST VIRGINIA	MONONGALIA (WV)	39.714679	80.412679
4706201238	SHRYVER	2	LEATHERWOOD, LLC	OIL	V	FOURTH	P & A	3462	WEST VIRGINIA	MONONGALIA (WV)	39.714679	80.412679
4706200090	CONSOLIDATION COAL CO.	H D 19	PELLAR ENERGY LLC	GAS	V	BAYARD	P & A	3430	WEST VIRGINIA	MONONGALIA (WV)	39.680668	80.385121
4706201234	BEAN, H.E. & B.	1	PELLAR ENERGY LLC	GAS	V		P & A	3302	WEST VIRGINIA	MONONGALIA (WV)	39.682305	80.375906
4706201229	SHRYVER	3	LEATHERWOOD, LLC	OIL	V	FOURTH	P & A	3213	WEST VIRGINIA	MONONGALIA (WV)	39.720405	80.40427
4706201228	SHRYVER	3	LEATHERWOOD, LLC	OIL	V	FOURTH	P & A	3189	WEST VIRGINIA	MONONGALIA (WV)	39.714510	80.41406
4706201227	SHRYVER	3	LEATHERWOOD, LLC	OIL	V	FOURTH	P & A	3189	WEST VIRGINIA	MONONGALIA (WV)	39.714510	80.41406
4706201225	SHRYVER	3	LEATHERWOOD, LLC	OIL	V	FOURTH	P & A	3189	WEST VIRGINIA	MONONGALIA (WV)	39.714510	80.41406
4706201224	HARKER, C. H.	1	CLOVIS ROY W	GAS	V	LO FRIPP SURF/PIT SS	P & A	1588	WEST VIRGINIA	MONONGALIA (WV)	39.704061	80.409215
4706201207	INDROO NO.	1	INDROO ENERGY	UNKNOWN	V		P & A	0	WEST VIRGINIA	MONONGALIA (WV)	39.720908	80.407079
4706201209	INDROO	2	INDROO ENERGY	UNKNOWN	V		P & A	0	WEST VIRGINIA	MONONGALIA (WV)	39.719021	80.405387
4706201210	INDROO	3	INDROO ENERGY	UNKNOWN	V		P & A	0	WEST VIRGINIA	MONONGALIA (WV)	39.719021	80.405387

RECEIVED
Office of Oil and Gas
MAY 05 2026
WV Department of
Environmental Protection

05/15/2026



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 825 FEET OF PROPOSED 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 Well Location
 - Abandoned Well
 - Future 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

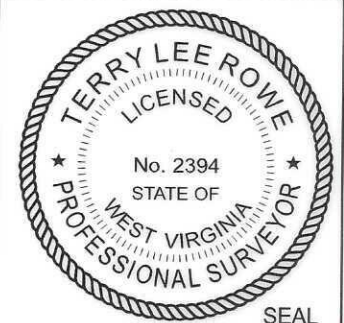
See Page 3 For Surface Owners and Lessors

() Denotes Location of Well on United States Topographic Maps

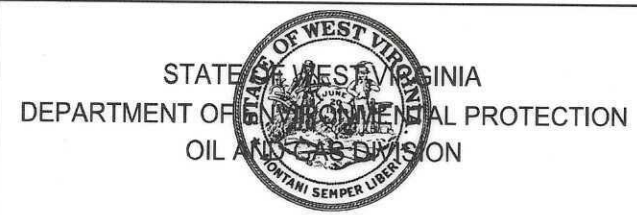


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

T. L. S. 2394
L. L. S. 2394



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



DATE: April 21, 20 26
OPERATORS WELL NO: WDTN28BHSM
API WELL NO
47 - 061 - 02027
STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1457' WATERSHED: Dunkard Creek QUADRANGLE: Hundred
DISTRICT: Battelle COUNTY: Monongalia

SURFACE OWNER: Consol Mining Company LLC ACREAGE: 68.37 ±
ROYALTY OWNER: CNX Gas Company Company, LLC LEASE NO: 189437000 ACREAGE: 68.37 ±

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: 8,059'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Horizon Vue Drive ADDRESS: 111 Avondale Road
Canonsburg, PA 15317 Fairmont, WV 26554

05/15/2026

WDTN28BHSM
CNX Gas Company LLC



WDTN28BHSM
BOTTOM HOLE

PENNSYLVANIA
GREENE COUNTY

WEST VIRGINIA
MONONGALIA
COUNTY

NOTES ON SURVEY

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5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
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LEGEND

- Active Well
- Proposed Well Location
- Abandoned Well
- Future Use
- Surface Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
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See Page 3 For Surface Owners and Lessors

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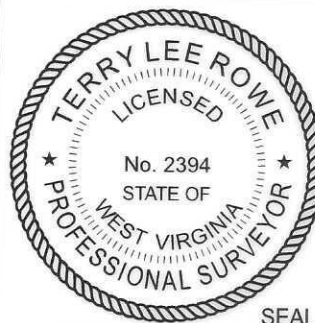
AZ 325°00'00"
17,385±

500' WELL BORE BUFFER
SHOWING EXISTING WELLS

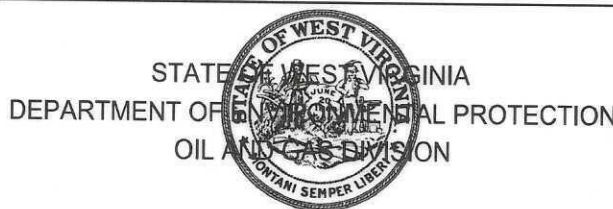


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

L. L. S.
L. L. S. 2394



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PROVEN SOURCE OF ELEVATION: NGS CORS Station

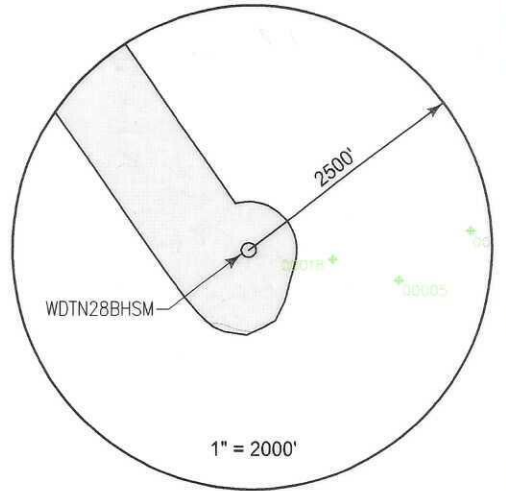


DATE: April 21, 20 26
OPERATORS WELL NO: WDTN28BHSM
API WELL NO
47 - 061 - 02027
STATE COUNTY PERMIT

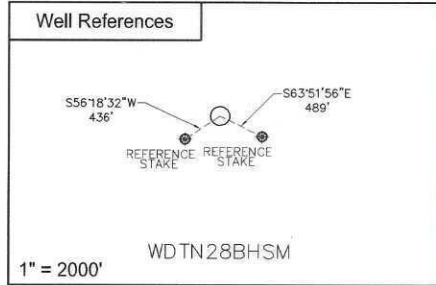
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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
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ROYALTY OWNER: CNX Gas Company Company, LLC LEASE NO: 189437000 ACREAGE: 68.37 ±
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 8,059'

WELL OPERATOR: CNX Gas Company LLC DESIGNATED AGENT: Anthony Kendziora
ADDRESS: 1000 Horizon Vue Drive ADDRESS: 111 Avondale Road
Canonsburg, PA 15317 Fairmont, WV 26554

LONGITUDE 80° 25' 00"



TRACT ID	SURFACE OWNER	LESSOR	PIN
1	Consol Mining Company LLC	John G. Donelan, single	1-12-17
		John G. Donelan, single; Dorothy E. Szymanski and Bruno Szymanski, w/h	
		Consolidation Coal Company	
		CNX Gas Company LLC	
		Noble Energy, Inc.	
3	Consol Mining Company LLC	Norman W. Bean	1-12-1
		Lorraine B. Shriver	
		Samuel E. Bean	
		Alma Lee Russell	
		Joseph Clinton Bean	
		Three Rivers Royalty II, LLC	
		Kathleen S. Golden	
		B. Rex Steele	
		Richard L. Steele	
		John Stanley Bean Jr. and Mary K. Bean, h/w	
		Sandra Burr	
		Raeanna Griffis and Cody Griffis, w/h	
		Margaret Butler and Russell Butler, w/h	
Thomas J. Sollars and Martha A. Sollars, h/w			
Antero Resources Corporation			
7	Consol Mining Company LLC	Joseph H. Wolfe, Jr. and Leona M. Wolfe, h/w	1-11-3
		Consolidation Coal Company	
		Consol Mining Company LLC	
		CNX Resource Holdings LLC	
8	Consol Mining Company LLC	Timothy L. Brower and Beverly Brower, h/w, and Michael Jon Brower and Jill Marie Abbamonte Brower, h/w	1-12-18
		Consolidation Coal Company	
		Consol Mining Company LLC	
		CNX Resource Holdings LLC	

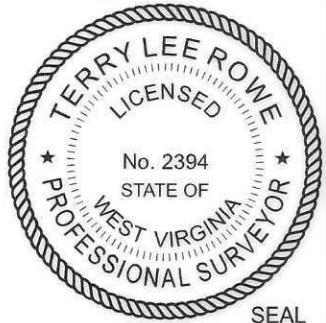


SURFACE HOLE LOCATION (SHL)	
UTM 17 NAD 83	
N: 4392591.422	
E: 552944.668	
NAD 83, WV NORTH	
N: 431562.291	
E: 1720099.717	
LAT/LON DATUM NAD 83	
LAT: 39°40'53.448"	
LON: 80°22'57.386"	
LANDING POINT	
UTM 17 NAD 83	
N: 4392650.561	
E: 552774.003	
NAD 83, WV NORTH	
N: 431765.705	
E: 1719542.944	
LAT/LON DATUM NAD 83	
LAT: 39°40'55.404"	
LON: 80°23'04.533"	
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	
N: 4396938.556	
E: 549663.709	
NAD 83, WV NORTH	
N: 446006.827	
E: 1709571.960	
LAT/LON DATUM NAD 83	
LAT: 39°43'15.158"	
LON: 80°25'13.935"	

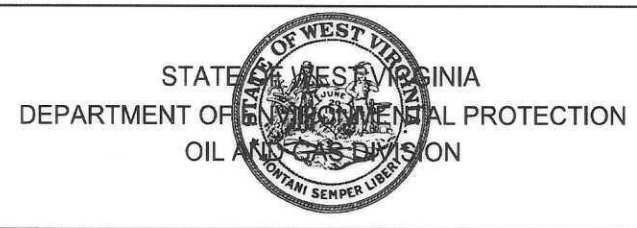


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

L. L. S. 2394
L. L. S. 2394



FILE NO:
DRAWING NO:
SCALE: 1" = 1000'
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DATE: April 21, 20 26
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Canonsburg, PA 15317 Fairmont, WV 26554

05/15/2026

TRACT ID	SURFACE OWNER	LESSOR	PIN
16	Consol Mining Company LLC	Wayne M. Barrackman	1-11-2
		Kenneth D. Barrackman and Annette K. Barrackman, h/w	
		Terry G. Doyle	
		Ruth Ellen Garner	
		Donald E. Fogg Jr. and Patricia A. Fogg, h/w	
		Gregg L. Mulford	
		Janet L. Beck and LeRoy C. Beck, w/h	
		Suzanne G. Fegley and Greg R. Fegley, w/h	
		Karen D. Feely	
		Barbara J. Kenyon a/k/a Barbara Kenyon and Herbert C. Kenyon, w/h	
		Patricia Lou Massey a/k/a Patricia Yost Massey, by Janet Lee Massey, as Attorney-in-Fact	
		Scott Robert Tennant	
		Bobby J. Westfall and V. Judy Westfall, h/w	
		Nancy L. Sperry	
		Cheryl L. Miller a/k/a Cheryl Lee Miller, by Christina M. Harris a/k/a Christina Marie Harris, as Attorney-in-Fact	
		Linda L. Mulford	
		Michael L. Gump and Roberta D. Gump, h/w	
		David E. Brammer and Sharon M. Brammer, h/w	
		Virginia Lee Bunner and John H. Bunner, w/h	
		Roger L. Sine and Rebecca S. Sine, h/w	
		Edward A. Sine	
		Constance Louise Ferriero f/k/a Constance Tennant	
		Gina Massie	
		Dean Allen Rippee and Pamela S. Rippee, h/w	
		Randy Charles Rippee and Beth A. Rippee, h/w	
		James Payne	
		Sharon Long	
		Dougals Biggerstaff	
		Mildred Bessie Kulchak	
		Stella Louise Dobler	
		Nicholas W. Lucas and Beverly Lynn Lucas, h/w	
		James Eugene Lucas	
		Cynthia Karen Lolly and Tony Daniel Lolly, Sr., w/h	
		William Nicholas Lucas, Jr.	
		Jennifer Lynn Guccione	
		Joyce M. Skocz and Thomas J. Skocz, w/h	
		Deborah R. Garcia	
		Laura Lynn Davis and James R. Davis, w/h	
		Tammy Lynn Brooks and Daniel H. Brooks, w/h	
		Jackie Lee Yost	
		Larry Eugene Yost and Willa Gay Yost, h/w	
		Betty T. Glover and James R. Glover, w/h	
		Keith Alan Tennant a/k/a Keith A. Tennant	
		Robin E. Park-Fuller	
		Ronnie C. Haines, Sr. and Juanita C. Haines, h/w	
		Sarah S. Kerr a/k/a Sally S. Kerr	
		Sue Ellen Nortman	
		John Edward Kirtley, Jr. and Donna Marie Kirtley	
		Karen Lee Miller and Michael T. Miller, w/h	
		Donna Dutra	
		William Turner a/k/a William Scott Turner and Jacqueline A. Turner, h/w	
		Stephen R. Turner	
		Gregory M. Turner a/k/a Gregory Marshall Turner	
		Debra Ann Swinney	
		Mary Kennedy	
		James D. Kennedy	
		Berhline R. Rose a/k/a Burleen Rose and Richard G. Rose, w/h	
		Kathryn B. Myers f/k/a Kathy Henderson and David S. Myers, w/h	
		Milford R. Morris and Deborah L. Morris, h/w	
		Marvin E. Morris	
		Marjorie Ann Henderson	
		Three Rivers Royalty II, LLC	

05/15/2026

		Three Rivers Royalty II, LLC	
		WhiteHawk Income Marcellus, LLC	
		P&P Fujimo, LLC	
		Joshua Timothy Davis	
		Allah Christine Hersey	
		Jordan Payne	
		Benjamin R. Sine	
		Diana L. Tennant Revocable Living Trust	
		Jeffrey S. Armentrout	
		Carolyn Schaumann	
		Keith Lemley	
		Jeana Payne	
		Bridgette Payne	
		Ross P. Kirtley	
		Marilyn Hanneman	
		Betty Jean Henderson	
		Beverly L. Blosser a/k/a Beverly Blosser	
		Rosemary Cline, Attorney-In-Fact for Mary Jane Walls	
		Antero Resources Corporation	
		Antero Resources Corporation	
		Genevieve L. George	
		Rebecca Galeota	
		Cheryl A. Walls	
		Kenneth M. Cordray	
		Jacqueline F. Schimmel	
		Lucas B. Clevenger	
		Jill Diane Eiseman	
		Deborah Lynn Myers	
		David B. Myers	
		Douglas Brian Clevenger	
		Linda Moore	
		Jerry M. Henderson	
		Shirley Ann Kovalsky	
		Martha H. Anastasiadis and Sotirios S. Anastasiadis, w/h	
		Norma H. Zuchinski	
		Wayne D. Henderson and Judith A. Henderson, h/w	
		John W. Hunnell	
		Shirley Stieringer	
		Brenda Freeman	
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
17B	Consol Mining Company LLC	Thomas L. Day and Ida Louise Day, husband and wife	1-10-17 1-10-18
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	
		Piney Holdings, Inc.	
		Mike Lemley	
		Cam Ray Lemley	
		Lowell Darling and Virginia C. Darling, husband and wife	
		James Wayne Hawn	
		Sandra Lee Michael	
		Master Mineral Holdings II, LP	
		Lynne Kem and Roger L. Kem, wife and husband	
		Robert F. Raukohl, Jr. widower	
		Marlene Garcia a/k/a Marlene E. Garcia, widow	
		James W. Lemley, Jr. and Terrie Sue Lemley, husband and wife	
		Donald R. Peace, Jr. and LeeAnne Peace, husband and wife	
		Lawrence A. Nicholls	
		Jeffrey J. Nicholls	
		Casey R. Thebolt	
		Susan Lemley-Gillespie	
		Shari Peace	
		George Thebolt	
		Ricky L. Lemley a/k/a Ricky Lee Lemley and Denise D. Lemley, husband and wife	
		Randall Trefethern	
		Susan Elizabeth Berger	
		John C. Berger	

05/15/2026

		Thomas N. Trefethern	
		Jessica A. Garcia	
		Sarah E. Goldberg	
		Gail M. Trefethern-Kelly	
		Carol A. Trefethern	
		Albert Porter Durkee II	
		Paige Nace	
		Patrice J. Martin	
		Christena F. Leslie f/k/a Christena Florence Durkee	
		Jennifer Price	
		Tabitha Lynn Tobiassen	
		Gabriel Thebolt a/k/a Gabe Thebolt	
		Clover S. Thebolt	
		Keith Lemley	
		Jennifer Linton	
		Kathleen Frances Trefethern	
		Deborah Browne Lemley	
		Matille Thebolte	
TRACT ID	SURFACE OWNER	LESSOR	PIN
17C	Consol Mining Company LLC	Thomas L. Day and Ida Louise Day, husband and wife	1-10-17
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	
		Piney Holdings, Inc.	
		Mike Lemley	
		Cam Ray Lemley	
		Lowell Darling and Virginia C. Darling, husband and wife	
		James Wayne Hawn	
		Sandra Lee Michael	
		Master Mineral Holdings II, LP	
		Keith Lemley	
TRACT ID	SURFACE OWNER	LESSOR	PIN
18	Consol Mining Company LLC	Joseph H. Wolfe, Jr. and Leona M. Wolfe, h/w	1-10-18
		Consolidation Coal Company	
		Consol Mining Company LLC	
		CNX Resource Holdings LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
26	Consol Mining Company LLC	AMP IV, LP	1-10-15
		Susan Renae Lopinsky	
		Three Rivers Royalty II, LLC	
		AMP IV, LP	
TRACT ID	SURFACE OWNER	LESSOR	PIN
28	CNX RCPC LLC	Allen Thompson Staggers and Patricia F. Staggers, h/w	1-10-14
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
29	Consol Mining Company LLC	Mary Lou Berdine Calvert and Ted Calvert, w/h, and Margaret Ann Berdine	1-10-13
		Consolidation Coal Company	
		Consol Mining Company LLC	
		CNX Resource Holdings LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
32	CNX RCPC LLC	Allen Thompson Staggers and Patricia F. Staggers, h/w	1-10-2
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
33	Wyatt Metz	Allen Thompson Staggers and Patricia F. Staggers, h/w	1-10-2.1
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
34	CNX RCPC LLC	Allen Thompson Staggers and Patricia F. Staggers, h/w	1-10-12
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
45	Terra Firma Company	Allen Thompson Staggers and Patricia F. Staggers, h/w	2-2-19
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
46A	Chas R. and Mary Jane Cain	G. W. Hixenbaugh and Mary L. Hixenbaugh, h/w	2-2-18
		F. O. Funk	
		Carnegie Natural Gas Company	
		Carnegie Production Company	
		EQT Production Company	

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TRACT ID	SURFACE OWNER	LESSOR	PIN
46B	Chas R. and Mary Jane Cain	G. W. Hixenbaugh and Mary L. Hixenbaugh, h/w	2-2-16
		F. O. Funk	
		Carnegie Natural Gas Company	
		Carnegie Production Company	
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
47	Lawrence D. and Mary K. Johnston	Heritage Resources - Marcellus Minerals, LLC	1-1-3
		Ridgetop Appalachia, LLC	
		Bounty Minerals, LLC	
		Equinor USA Onshore Properties, Inc.	
		Tug Hill Minerals I, LLC	
		TH Exploration LLC	
		EQT TGHLL Exploration LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
48	Paul G. Pichardo, II	Five Star Resources	2-2-8
		Antero Resources Corporation	
		EQT Production Company	
		Karen Sue Snider	
		Antero Resources Corporation	
		EQT Production Company	
		BRC Appalachian Minerals I LLC and BRC Minerals LP	
		BRC Working Interest Company, LLC	
		Chesapeake Appalachia, L.L.C.	
		Chesapeake Appalachia, L.L.C.	
		Chesapeake Appalachia, L.L.C.	
		Statoil USA Onshore Properties Inc.	
		SWN Exchange Titleholder LLC	
		SWN Production Company, LLC	
		Statoil USA Onshore Properties Inc.	
		Antero Exchange Properties LLC	
		Antero Resources Corporation	
TRACT ID	SURFACE OWNER	LESSOR	PIN
49	Paul G. Pichardo, II	Paul G. Pichardo, II, a/k/a Paul G. Pichardo	1-1-4
		Antero Resources Corporation	
TRACT ID	SURFACE OWNER	LESSOR	PIN
53	Lawrence D. and Mary K. Johnston	Heritage Resources - Marcellus Minerals, LLC	1-1-2
		Lawrence D. Johnston and Mary K. Johnston, h/w	
		Three Rivers Royalty II, LLC	
		H3 LLC a/k/a H3, LLC	
		Paul Richard Stanley and Diane Stanley, h/w	
		Gary Leigh Stanley and Kathy Zdilor, h/w	
		Joetta K. Baldwin	
		Rebecca Collins	
		Joseph Paul Scott	
		Nancy N. Whitlatch	
		Alta Loraine Talvan a/k/a Lori Talvan	
		Kimberly Gay McMahon	
		Kevin Rogers and Laura Rogers, h/w	
		Kelly Tedrow and Jerry L. Tedrow, w/h	
		Tonia Renee Segeleon a/k/a Tonia R. Groff	
		Steve Sizemore	
		Courtney Reedy	
		Brittany Reedy	
		Esther Nell Patterson	
		Gary Patterson a/k/a Gary L. Patterson and Stephani A. Patterson, h/w	
		Karen Sue Phillips f/k/a Karen Sue Patterson and James Allen Phillips, w/h	
		Melody Deter	
		Maryann Funk	
		Mark Jason Funk	
		Brittany Casey	
		Terry L. Wiese, by Tracy Wiese Napier, Attorney-In-Fact	
		Tracy Wiese Napier	
		Antero Resources Corporation	
		AMP IV, LP	
		EQT Production Company	
		Kathy Whitlatch and William Whitlatch, w/h	
		EQT Production Company	
		EQT Production Company	

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TRACT ID	SURFACE OWNER	LESSOR	PIN
54	R. Allan Shipman	John E. Snider and Mahela A. Snider, h/w	1-1-1
		F. O. Funk	
		J. G. Cochran	
		O. E. Butcher	
		Snider Oil and Gas Trust	
		Ralph O. Conklin and Jeanette C. Conklin	
		Greenridge Oil Company	
		Mountain Energy, Ltd.	
		Leatherwood, Inc.	
		Consol Pennsylvania Coal Company, LLC	
		CNX Gas Company LLC	
		Noble Energy, Inc.	

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**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

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

- (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
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SEE ATTACHED

**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

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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: ERIKA WHETSTONE 
 Its: MANAGER- PERMITTING

Attachment - Form WW-6A-1 for WDTN28BHSM

Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
1	1-12-17	189437000	Consol Mining Company LLC	John G. Donelan, single	Consolidation Coal Company	Fee	1310/339
				John G. Donelan, single, Dorothy E. Szymanski and Bruno Szymanski, w/h	Consolidation Coal Company	Fee	1309/430
				Consolidation Coal Company	CNX Gas Company LLC	Quitclaim	1444/468
				CNX Gas Company LLC	Noble Energy, Inc.	Deed	1448/398
			Noble Energy, Inc.	CNX Gas Company LLC	Deed	1572/715	
3	1-12-1	189603000	Consol Mining Company LLC	Norman W. Bean	CNX Gas Company LLC	Not less than 1/8	1365/312
				Lorraine B. Shriver	CNX Gas Company LLC	Not less than 1/8	1365/315
				Samuel E. Bean	CNX Gas Company LLC	Not less than 1/8	1365/318
				Alma Lee Russell	CNX Gas Company LLC	Not less than 1/8	1366/501
				Joseph Clinton Bean	CNX Gas Company LLC	Not less than 1/8	1365/321
				Three Rivers Royalty II, LLC	CNX Gas Company LLC	Not less than 1/8	1616/668
				Kathleen S. Golden	CNX Gas Company LLC	Not less than 1/8	1644/180
				B. Rex Steele	CNX Gas Company LLC	Not less than 1/8	1644/273
				Richard L. Steele	CNX Gas Company LLC	Not less than 1/8	1652/127
				John Stanley Bean Jr. and Mary K. Bean, h/w	Antero Resources Corporation	Not less than 1/8	1571/848
				Sandra Burr	Antero Resources Corporation	Not less than 1/8	1572/1
				Raeanna Griffiths and Cody Griffiths, w/h	Antero Resources Corporation	Not less than 1/8	1571/842
				Margaret Butler and Russell Butler, w/h	Antero Resources Corporation	Not less than 1/8	1571/839
				Thomas J. Sollars and Martha A. Sollars, h/w	Antero Resources Corporation	Not less than 1/8	1625/296
				Antero Resources Corporation	CNX Gas Company LLC	Assignment	139/186
				7	1-11-3	239823000	Consol Mining Company LLC
Consolidation Coal Company	Consol Mining Company LLC	Quitclaim	1489/107				
Consol Mining Company LLC	CNX Resource Holdings LLC	Quitclaim	1603/78				
CNX Resource Holdings LLC	CNX Gas Company LLC	Quitclaim	1698/81				
8	1-12-18	189438000	Consol Mining Company LLC	Timothy L. Brower and Beverly Brower, h/w, and Michael Jon Brower and Jill Marie Abbamonte Brower, h/w	Consolidation Coal Company	Fee	1313/552
				Consolidation Coal Company	Consol Mining Company LLC	Quitclaim	1489/107
				Consol Mining Company LLC	CNX Resource Holdings LLC	Quitclaim	1603/78
				CNX Resource Holdings LLC	CNX Gas Company LLC	Quitclaim	1698/81
16	1-11-2	189397000	Consol Mining Company LLC	Wayne M. Barrackman	CNX Gas Company LLC	Fee	1673/71
				Kenneth D. Barrackman and Annette K. Barrackman, h/w	CNX Gas Company LLC	Fee	1651/683
				Terry G. Doyle	CNX Gas Company LLC	Fee	1664/102
				Ruth Ellen Garner	CNX Gas Company LLC	Fee	1654/533
				Donald E. Fogg Jr. and Patricia A. Fogg, h/w	CNX Gas Company LLC	Fee	1662/99
				Gregg L. Mulford	CNX Gas Company LLC	Fee	1651/691
				Janet L. Beck and LeRoy C. Beck, w/h	CNX Gas Company LLC	Fee	1656/331
				Suzanne G. Fegley and Greg R. Fegley, w/h	CNX Gas Company LLC	Fee	1662/95
				Karen D. Feely	CNX Gas Company LLC	Fee	1659/681
				Barbara J. Kenyon a/k/a Barbara Kenyon and Herbert C. Kenyon, w/h	CNX Gas Company LLC	Fee	1659/701
				Patricia Lou Massey a/k/a Patricia Yost Massey, by Janet Lee Massey, as Attorney-in-Fact	CNX Gas Company LLC	Fee	1650/586
				Scott Robert Tennant	CNX Gas Company LLC	Fee	1659/709
				Bobby J. Westfall and V. Judy Westfall, h/w	CNX Gas Company LLC	Fee	1651/675
				Nancy L. Sperry	CNX Gas Company LLC	Fee	1652/660
				Cheryl L. Miller a/k/a Cheryl Lee Miller, by Christina M. Harris a/k/a Christina Marie Harris, as Attorney-in-Fact	CNX Gas Company LLC	Fee	1664/820
				Linda L. Mulford	CNX Gas Company LLC	Fee	1651/687
				Michael L. Gump and Roberta D. Gump, h/w	CNX Gas Company LLC	Fee	1656/335
				David E. Brammer and Sharon M. Brammer, h/w	CNX Gas Company LLC	Fee	1655/192
				Virginia Lee Bunner and John H. Bunner, w/h	CNX Gas Company LLC	Fee	1656/733
				Roger L. Sine and Rebecca S. Sine, h/w	CNX Gas Company LLC	Fee	1654/537
				Edward A. Sine	CNX Gas Company LLC	Fee	1656/327
				Constance Louise Ferriero f/k/a Constance Tennant	CNX Gas Company LLC	Fee	1651/695
				Gina Massie	CNX Gas Company LLC	Fee	1651/663
				Dean Allen Rippee and Pamela S. Rippee, h/w	CNX Gas Company LLC	Not less than 1/8	1650/690
				Randy Charles Rippee and Beth A. Rippee, h/w	CNX Gas Company LLC	Not less than 1/8	1651/747
				James Payne	CNX Gas Company LLC	Not less than 1/8	1906/557
				Sharon Long	CNX Gas Company LLC	Not less than 1/8	1886/342
				Douglas Biggerstaff	CNX Gas Company LLC	Not less than 1/8	1888/108
				Mildred Bessie Kulchak	CNX Gas Company LLC	Not less than 1/8	1656/781
				Stella Louise Dobler	CNX Gas Company LLC	Not less than 1/8	1659/772
				Nicholas W. Lucas and Beverly Lynn Lucas, h/w	CNX Gas Company LLC	Not less than 1/8	1666/756
				James Eugene Lucas	CNX Gas Company LLC	Not less than 1/8	1666/751
				Cynthia Karen Lolly and Tony Daniel Lolly, Sr., w/h	CNX Gas Company LLC	Not less than 1/8	1666/776
				William Nicholas Lucas, Jr.	CNX Gas Company LLC	Not less than 1/8	1666/781

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Jennifer Lynn Guccione	CNX Gas Company LLC	Not less than 1/8	1666/771
Joyce M. Skocz and Thomas J. Skocz, w/h	CNX Gas Company LLC	Not less than 1/8	1646/390
Deborah R. Garcia	CNX Gas Company LLC	Not less than 1/8	1888/64
Laura Lynn Davis and James R. Davis, w/h	CNX Gas Company LLC	Not less than 1/8	1654/565
Tammy Lynn Brooks and Daniel H. Brooks, w/h	CNX Gas Company LLC	Not less than 1/8	1655/243
Jackie Lee Yost	CNX Gas Company LLC	Not less than 1/8	1652/56
Larry Eugene Yost and Willa Gay Yost, h/w	CNX Gas Company LLC	Not less than 1/8	1653/808
Betty T. Glover and James R. Glover, w/h	CNX Gas Company LLC	Not less than 1/8	1652/56
Keith Alan Tennant a/k/a Keith A. Tennant	CNX Gas Company LLC	Not less than 1/8	1650/695
Robin E. Park-Fuller	CNX Gas Company LLC	Not less than 1/8	1653/701
Ronnie C. Haines, Sr. and Juanita C. Haines, h/w	CNX Gas Company LLC	Not less than 1/8	1653/813
Sarah S. Kerr a/k/a Sally S. Kerr	CNX Gas Company LLC	Not less than 1/8	1655/249
Sue Ellen Nortman	CNX Gas Company LLC	Not less than 1/8	1882/652
John Edward Kirtley, Jr. and Donna Marie Kirtley	CNX Gas Company LLC	Not less than 1/8	1879/395
Karen Lee Miller and Michael T. Miller, w/h	CNX Gas Company LLC	Not less than 1/8	1666/808
Donna Dutra	CNX Gas Company LLC	Not less than 1/8	1655/222
William Turner a/k/a William Scott Turner and Jacqueline A. Turner, h/w	CNX Gas Company LLC	Not less than 1/8	1659/837
			1652/71
Stephen R. Turner	CNX Gas Company LLC	Not less than 1/8	1652/26
Gregory M. Turner a/k/a Gregory Marshall Turner	CNX Gas Company LLC	Not less than 1/8	1651/753
Debra Ann Swinney	CNX Gas Company LLC	Not less than 1/8	1646/310
Mary Kennedy	CNX Gas Company LLC	Not less than 1/8	1650/609
James D. Kennedy	CNX Gas Company LLC	Not less than 1/8	1646/385
Berhline R. Rose a/k/a Burleen Rose and Richard G. Rose, w/h	CNX Gas Company LLC	Not less than 1/8	1650/715
Kathryn B. Myers f/a Kathy Henderson and David S. Myers, w/h	CNX Gas Company LLC	Not less than 1/8	1651/798
Milford R. Morris and Deborah L. Morris, h/w	CNX Gas Company LLC	Not less than 1/8	1650/730
Marvin E. Morris	CNX Gas Company LLC	Not less than 1/8	1650/735
Marjorie Ann Henderson	CNX Gas Company LLC	Not less than 1/8	1877/559
Three Rivers Royalty II, LLC	CNX Gas Company LLC	Not less than 1/8	1745/584
Three Rivers Royalty II, LLC	CNX Gas Company LLC	Not less than 1/8	1881/47
Whitehawk Income Marcellus, LLC	CNX Gas Company LLC	Not less than 1/8	1881/728
P&P Fujimo, LLC	CNX Gas Company LLC	Not less than 1/8	1895/626
Joshua Timothy Davis	CNX Gas Company LLC	Not less than 1/8	187/176
Allan Christine Hersey	CNX Gas Company LLC	Not less than 1/8	187/176
Jordan Payne	CNX Gas Company LLC	Not less than 1/8	187/176
Benjamin R. Sine	CNX Gas Company LLC	Not less than 1/8	187/176
Diana L. Tennant Revocable Living Trust	CNX Gas Company LLC	Not less than 1/8	187/176
Jeffrey S. Armentrout	CNX Gas Company LLC	Not less than 1/8	187/176
Carolyn Schumann	CNX Gas Company LLC	Not less than 1/8	187/176
Keith Lemley	CNX Gas Company LLC	Not less than 1/8	187/176
Jeanne Payne	CNX Gas Company LLC	Not less than 1/8	187/176
Bridgette Payne	CNX Gas Company LLC	Not less than 1/8	187/176
Ross P. Kirtley	CNX Gas Company LLC	Not less than 1/8	187/176
Marilyn Hansman	CNX Gas Company LLC	Not less than 1/8	187/176
Betty Jean Henderson	CNX Gas Company LLC	Not less than 1/8	187/176
Beverly L. Blosser a/k/a Beverly Blosser	CNX Gas Company LLC	Not less than 1/8	187/176
Rosemary Cline, Attorney-in-Fact for Mary Jane Walls	Antero Resources Corporation	Not less than 1/8	1589/93
Antero Resources Corporation	CNX Gas Company LLC	Assignment	131/438
Antero Resources Corporation	CNX Gas Company LLC	Amended Assignment	137/387
Genevieve L. George	EQT Production Company	Not less than 1/8	1642/424 (re-recorded 1644/711)
Rebecca Galeota	EQT Production Company	Not less than 1/8	1638/159
Cheryl A. Walls	EQT Production Company	Not less than 1/8	1638/167
Kenneth M. Cordray	EQT Production Company	Not less than 1/8	1638/161
Jacqueline F. Schimmel	EQT Production Company	Not less than 1/8	1657/19
Lucas B. Clevenger	EQT Production Company	Not less than 1/8	1657/27
Jill Diane Elseman	EQT Production Company	Not less than 1/8	1657/25
Deborah Lynn Myers	EQT Production Company	Not less than 1/8	1657/31
David B. Myers	EQT Production Company	Not less than 1/8	1657/526
Douglas Brian Clevenger	EQT Production Company	Not less than 1/8	1657/29
Linda Moore	EQT Production Company	Not less than 1/8	1657/21
Jerry M. Henderson	EQT Production Company	Not less than 1/8	1689/112
Shirley Ann Kovalsky	EQT Production Company	Not less than 1/8	1652/332
Martha H. Anastasiadis and Sotirios S. Anastasiadis, w/h	EQT Production Company	Not less than 1/8	1638/189
Norma H. Zuchinski	EQT Production Company	Not less than 1/8	1638/163
Wayne D. Henderson and Judith A. Henderson, h/w	EQT Production Company	Not less than 1/8	1638/165
John W. Hunnell	EQT Production Company	Not less than 1/8	1636/38
Shirley Stieringer	EQT Production Company	Not less than 1/8	1642/222
Brenda Freeman	EQT Production Company	Not less than 1/8	1655/50
EQT Production Company	CNX Gas Company LLC	Assignment	159/809

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Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page												
17B	1-10-17 1-10-18	189749000	Consol Mining Company LLC	Thomas L. Day and Ida Louise Day, husband and wife	Consolidation Coal Company	Not less than 1/8	1306/290												
				Consolidation Coal Company	CONSOL Mining Company LLC	Quitclaim Deed/Assignment	1489/107 1514/389												
				CONSOL Mining Company LLC	CNX Resource Holdings LLC	Quitclaim Deed/Assignment	1603/78												
				CNX Resource Holdings LLC	CNX Gas Company LLC	Quitclaim Deed	1698/81												
				Piney Holdings, Inc.	CNX Gas Company LLC	Not less than 1/8	1652/263												
				Mike Lemley	CNX Gas Company LLC	Not less than 1/8	1652/6												
				Cam Ray Lemley	CNX Gas Company LLC	Not less than 1/8	1675/495												
				Lowell Darling and Virginia C. Darling, husband and wife	CNX Gas Company LLC	Not less than 1/8	1877/545												
				James Wayne Hawn	CNX Gas Company LLC	Not less than 1/8	1877/576												
				Sandra Lee Michael	CNX Gas Company LLC	Not less than 1/8	1884/608												
				Master Mineral Holdings II, LP	CNX Gas Company LLC	Not less than 1/8	1898/602												
				Lynne Kern and Roger L. Kern, wife and husband	CNX Gas Company LLC	Not less than 1/8	1650/680												
				Robert F. Raukohl, Jr. widower	CNX Gas Company LLC	Not less than 1/8	1652/21												
				Marlene Garcia a/k/a Marlene E. Garcia, widow	CNX Gas Company LLC	Not less than 1/8	1650/629												
				James W. Lemley, Jr. and Terrie Sue Lemley, husband and wife	CNX Gas Company LLC	Not less than 1/8	1653/803												
				Donald R. Peace, Jr. and LeeAnne Peace, husband and wife	CNX Gas Company LLC	Not less than 1/8	1659/689												
				Lawrence A. Nicholls	CNX Gas Company LLC	Not less than 1/8	1663/267												
				Jeffrey J. Nicholls	CNX Gas Company LLC	Not less than 1/8	1656/359												
				Casey R. Thebolt	CNX Gas Company LLC	Not less than 1/8	1656/389												
				Susan Lemley-Gillespie	CNX Gas Company LLC	Not less than 1/8	1663/16												
				Shari Peace	CNX Gas Company LLC	Not less than 1/8	1661/224												
				George Thebolt	CNX Gas Company LLC	Not less than 1/8	1675/588												
				Ricky L. Lemley a/k/a Ricky Lee Lemley and Denise D. Lemley, husband and wife	CNX Gas Company LLC	Not less than 1/8	1878/144												
				Randall Trefethern	CNX Gas Company LLC	Not less than 1/8	1901/271												
				Susan Elizabeth Berger	CNX Gas Company LLC	Not less than 1/8	1901/292												
				John C. Berger	CNX Gas Company LLC	Not less than 1/8	1901/262												
Thomas N. Trefethern	CNX Gas Company LLC	Not less than 1/8	1904/664																
Jessica A. Garcia	CNX Gas Company LLC	Not less than 1/8	1904/431																
Sarah E. Goldberg	CNX Gas Company LLC	Not less than 1/8	1904/654																
Gail M. Trefethern-Kelly	CNX Gas Company LLC	Not less than 1/8	1904/669																
Carol A. Trefethern	CNX Gas Company LLC	Not less than 1/8	1906/675																
Albert Porter Durkee II	CNX Gas Company LLC	Not less than 1/8	1906/684																
Palge Nace	CNX Gas Company LLC	Not less than 1/8	1653/798																
Patrice J. Martin	CNX Gas Company LLC	Not less than 1/8	1895/846																
Christena F. Leslie f/k/a Christena Florence Durkee	CNX Gas Company LLC	Not less than 1/8	1906/701																
Jennifer Price	CNX Gas Company LLC	Not less than 1/8	186/98																
Tabitha Lynn Toblissen	CNX Gas Company LLC	Not less than 1/8	186/98																
Gabriel Thebolt a/k/a Gabe Thebolt	CNX Gas Company LLC	Not less than 1/8	186/98																
Clover S. Thebolt	CNX Gas Company LLC	Not less than 1/8	186/98																
Keith Lemley	CNX Gas Company LLC	Not less than 1/8	186/98																
Jennifer Linton	CNX Gas Company LLC	Not less than 1/8	186/98																
Kathleen Frances Trefethern	CNX Gas Company LLC	Not less than 1/8	186/98																
Deborah Browne Lemley	CNX Gas Company LLC	Not less than 1/8	186/98																
Mattile Thebolte	CNX Gas Company LLC	Not less than 1/8	186/98																
17C	1-10-17	189749000	Consol Mining Company LLC	Thomas L. Day and Ida Louise Day, husband and wife	Consolidation Coal Company	Not less than 1/8	1306/290												
				Consolidation Coal Company	CONSOL Mining Company LLC	Quitclaim Deed/Assignment	1489/107 1514/389												
				CONSOL Mining Company LLC	CNX Resource Holdings LLC	Quitclaim Deed/Assignment	1603/78												
				CNX Resource Holdings LLC	CNX Gas Company LLC	Quitclaim Deed	1698/81												
				Piney Holdings, Inc.	CNX Gas Company LLC	Not less than 1/8	1652/263												
				Mike Lemley	CNX Gas Company LLC	Not less than 1/8	1652/6												
				Cam Ray Lemley	CNX Gas Company LLC	Not less than 1/8	1675/495												
				Lowell Darling and Virginia C. Darling, husband and wife	CNX Gas Company LLC	Not less than 1/8	1877/545												
				James Wayne Hawn	CNX Gas Company LLC	Not less than 1/8	1877/576												
				Sandra Lee Michael	CNX Gas Company LLC	Not less than 1/8	1884/608												
				Master Mineral Holdings II, LP	CNX Gas Company LLC	Not less than 1/8	1898/602												
				Keith Lemley	CNX Gas Company LLC	Not less than 1/8	186/89												
				18	1-10-18	189394000	Consol Mining Company LLC	Joseph H. Wolfe, Jr. and Leona M. Wolfe, h/w	Consolidation Coal Company	Fee	1304/315								
								Consolidation Coal Company	Consol Mining Company LLC	Quitclaim	1489/107								
								Consol Mining Company LLC	CNX Resource Holdings LLC	Quitclaim	1603/78								
								CNX Resource Holdings LLC	CNX Gas Company LLC	Quitclaim	1698/81								
								26	1-10-15	189390000	Consol Mining Company LLC	AMP IV, LP	CNX Gas Company LLC	Not less than 1/8	1742/97				
												Susan Renee Lopinsky	CNX Gas Company LLC	Not less than 1/8	1745/755				
												Three Rivers Royalty II, LLC	CNX Gas Company LLC	Not less than 1/8	1745/584				
												AMP IV, LP	CNX Gas Company LLC	Not less than 1/8	1766/474				
												28	1-10-14	189389000	CNX RPC LLC	Allen Thompson Stagers and Patricia F. Stagers, h/w	EQT Production Company	Not less than 1/8	1577/591
																EQT Production Company	CNX Gas Company LLC	Assignment	159/809

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Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
29	1-10-13	189388000	Consol Mining Company LLC	Mary Lou Berdine Calvert and Ted Calvert, w/h, and Margaret Ann Berdine	Consolidation Coal Company	Fee	1306/343
				Consolidation Coal Company Consol Mining Company LLC CNX Resource Holdings LLC	Consol Mining Company LLC CNX Resource Holdings LLC CNX Gas Company LLC	Quitclaim Quitclaim Quitclaim	1489/107 1603/78 1698/81
32	1-10-2	189463000	CNX RCPC LLC	Allen Thompson Stagers and Patricia F. Stagers, h/w	EQT Production Company	Not less than 1/8 Assignment	1577/593 159/809
33	1-10-2.1	191693000	Wyatt Metz	Allen Thompson Stagers and Patricia F. Stagers, h/w	EQT Production Company	Not less than 1/8 Assignment	1577/170 159/809
34	1-10-12	191625000	CNX RCPC LLC	Allen Thompson Stagers and Patricia F. Stagers, h/w	EQT Production Company	Not less than 1/8 Assignment	1577/172 159/809
45	2-2-19	189608000	Terra Firma Company	Allen Thompson Stagers and Patricia F. Stagers, h/w	EQT Production Company	Not less than 1/8 Assignment	182A/118 310A/744
46A	2-2-18	203685000	Chas R. and Mary Jane Cain	G. W. Hixenbaugh and Mary L. Hixenbaugh, h/w	F. O. Funk	Not less than 1/8 Assignment	96/375 96/557
				F. O. Funk Carnegie Natural Gas Company Carnegie Production Company EQT Production Company	Carnegie Natural Gas Company Carnegie Production Company EQT Production Company CNX Gas Company LLC	Assignment Assignment Affidavit Assignment	78A/513 150/160 451A/722
46B	2-2-16	203685000	Chas R. and Mary Jane Cain	G. W. Hixenbaugh and Mary L. Hixenbaugh, h/w	F. O. Funk	Not less than 1/8 Assignment	96/375 96/557
				F. O. Funk Carnegie Natural Gas Company Carnegie Production Company EQT Production Company	Carnegie Natural Gas Company Carnegie Production Company EQT Production Company CNX Gas Company LLC	Assignment Assignment Affidavit Assignment	78A/513 150/160 451A/722
47	1-1-3	298603000	Lawrence D. and Mary K. Johnston	Heritage Resources - Marcellus Minerals, LLC	CNX Gas Company LLC	Not less than 1/8	1907/381
				Ridgetop Appalachia, LLC Bounty Minerals, LLC Equinor USA Onshore Properties, Inc.	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	1763/134 190A/20 1911/538
				Tug Hill Minerals I, LLC TH Exploration LLC EQT TGH Exploration LLC	TH Exploration LLC EQT TGH Exploration LLC CNX Gas Company LLC	Not less than 1/8 Affidavit Assignment	1756/667 170/808 167/577
48	2-2-8	191596000	Paul G. Pichardo, II	Five Star Resources	Antero Resources Corporation	Not less than 1/8 Assignment	309A/442 431A/285 451A/736
				Antero Resources Corporation EQT Production Company	EQT Production Company CNX Gas Company LLC	Assignment Assignment	
				Karen Sue Snider	Antero Resources Corporation	Not less than 1/8 Assignment	193A/645 324A/748 425A/860
				Antero Resources Corporation EQT Production Company	EQT Production Company CNX Gas Company LLC	Assignment Assignment	
				BRC Appalachian Minerals I LLC and BRC Minerals LP	BRC Working Interest Company LLC	Not less than 1/8 Assignment	103A/320 103A/470
				BRC Working Interest Company, LLC Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC SWN Production Company, LLC SWN Production Company, LLC Statoil USA Onshore Properties Inc. Antero Exchange Properties LLC	Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC SWN Exchange Titleholder LLC SWN Production Company, LLC Antero Exchange Properties LLC Antero Exchange Properties LLC Antero Resources Corporation	Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Merger Assignment Assignment Merger	120A/109 143A/285 157A/540 158A/801 13/296 177A/533 177A/738 13/311
				Antero Resources Corporation	CNX Gas Company LLC	Drill Letter	See Attached

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April 14, 2026

Antero Resources Corporation
1615 Wynkoop St.
Denver, CO 80202

Via Email: jhurst@anteroresources.com;

RE: Drill Letter – Wetzel County, WV

Dear Mr. Hurst:

1. Per our discussions, CNX Gas Company LLC, a Virginia limited liability company (“CNX”) and Antero Resources Corporation (“ARC”) (ARC and CNX may be referred to individually as a “Party” and collectively as the “Parties”), are in the process of negotiating an acreage trade agreement (the “Trade Agreement”) for the exchange, assignment and/or granting of certain oil and gas leases in Doddridge, Harrison, Tyler, Ritchie, Monongalia, and Wetzel Counties, West Virginia (the “Proposed Transaction”), to facilitate each of their respective drilling and development needs.

2. As currently contemplated by the Parties, pursuant to the Trade Agreement, ARC will assign to CNX certain oil and gas leases in exchange for CNX (i) assigning and/or granting to ARC certain oil and gas leases and (ii) leasing to ARC certain fee interest oil and gas properties.

3. Among the ARC oil and gas leases contemplated to be included in the Proposed Transaction are the oil and gas leases or portions thereof described on Exhibit A attached hereto, comprising approximately 21 NRI Acres (the “Drilling Leases”). As used in this letter agreement, “NRI Acres” shall have the definition set forth on Schedule 1.

4. The Parties desire to accommodate CNX’s drilling and development of certain CNX units in advance of the execution of the Trade Agreement. Therefore, ARC hereby grants to CNX and/or its designated affiliates the right to drill, complete, produce, and obtain all necessary permits and governmental approvals, in order to drill, complete and produce one (1) or more wellbore laterals (“Wells”) through and in the Marcellus Formation of the lands covered by the Drilling Leases; *provided, however*, that ARC hereby expressly withholds to itself and its successors and assigns and does not grant to CNX (a) the right to complete in any formation covered by the Drilling Leases other than the Marcellus Formation (*provided* that CNX may drill through such formations) or (b) the right to access the surface of or to conduct surface operations on the lands covered by the Drilling Leases unless CNX enters into a separate agreement with the surface owner(s). As used in this letter agreement, “Marcellus Formation” shall have the definition set forth on Schedule 1.

5. CNX hereby agrees to indemnify, defend and hold harmless ARC and its affiliates, equity holders, subsidiaries or related companies (the “Indemnified Parties”) for, from and against any and all Claims (as defined below) sustained by the Indemnified Parties resulting from or in connection with CNX’s and/or its designated affiliates’ activities with respect to the Drilling Leases, including, without limitation, the drilling of the Wells and CNX’s development and operation of the Drilling Leases, that arise on or after the date of this letter agreement but before the date on which CNX acquires any of the Drilling Leases.

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Notwithstanding the foregoing sentence, if the Parties close the transactions contemplated by the Trade Agreement with respect to any Drilling Lease, any Claims arising from or relating to the period of time prior to such closing shall remain subject to this letter agreement, and any Claims arising on or after such closing may be subject to the terms and conditions of the executed Trade Agreement. As used in this letter agreement, "**Claims**" shall mean any and all losses, suits, proceedings, actions, causes of action, in law or at equity, demands, penalties, fines, fees, charges, assessments, liabilities (including environmental liabilities), damages (including environmental and natural resources damages), claims, judgments, executions, costs and expenses of any kind (including, without limitation, attorney's fees, expert's fees, court costs and other out-of-pocket fees and disbursements), fines, taxes, and interest, whether existing or incurred or asserted in the future, in connection with (a) any such claim or the defense thereof, (b) amounts paid in settlement, orders, liens, or decrees, or (c) any injury or damage of any kind and nature to persons (including sickness, illness and death), mines, wells, or property claims or to the Drilling Lease, or natural resources, and with respect to any of the foregoing, whether sustained or brought by or against ARC or any third party. Notwithstanding any of the foregoing, CNX shall have no obligation to indemnify the Indemnified Parties for any Claim to the extent arising out of an Indemnified Party's gross negligence or willful misconduct. The indemnity obligation set forth in this section shall survive (a) any execution of a Trade Agreement or assignment of the Drilling Leases or other mutually agreed transaction pursuant to which CNX acquired any of the Drilling Leases, or (b) any termination of all or any part of this letter agreement; *provided*, that if CNX unitizes all or any portion of the Drilling Leases, then this paragraph shall terminate and be of no further force and effect (with the terms and conditions of the JOA (as defined below) to govern the respective liability of the parties thereunder).

6. In the event that the Parties do not (i) execute the Trade Agreement and (ii) consummate the closing (as contemplated by the Trade Agreement) with respect to a Drilling Lease on or before a date which is thirty (30) days prior to spudding any initial Well, (the "**Outside Date**"), then, prior to the spudding of any initial Well, the Parties shall execute a joint operating agreement in the form attached to the unitization order (each such joint operating agreement, a "**JOA**") and shall be subject to the terms and provisions of such JOA covering the wellbores located within such unit area. Prior to the spudding of any initial Wells, CNX shall send to ARC an AFE (as defined in the JOA) for the initial Well(s) that CNX desires to drill. ARC shall elect either (a) to participate in the drilling of any and all Wells governed by the JOA and subject to and in accordance with the terms of the JOA, shall be responsible for its proportionate share of costs from and after the date of this letter agreement through the date of the JOA (and thereafter governed by the terms of the JOA), which may be offset against ARC's proportionate share of production from such Wells, or (b) to be a non-consenting party under the JOA (which shall be a non-consent election with respect to any and all wells governed by the JOA, whether or not covered by the AFE for the initial Well(s)). If ARC makes the election pursuant to the foregoing clause (b), then, contemporaneously with such election, ARC and CNX shall enter into an imbalance agreement covering those Drilling Leases subject to the JOA, the form of which is attached hereto as **Exhibit B**. The Parties may extend the Outside Date by mutual written agreement in order to continue to pursue the Proposed Transaction discussions while reasonably accommodating each Party's ongoing development needs.

7. If any assignment of the acreage is made, such properties shall be assigned and/or granted, as the case may be, free and clear of (a) all gathering or midstream dedications or commitments, and (b) all other senior mortgages, liens and encumbrances for which pre-closing waivers, releases or subordinations are customarily sought in transactions similar to the Proposed Transaction.

8. If any assignment of the acreage is made, the assigning or leasing Party shall make available to the other Party, electronically on a digital file-sharing service, electronic copies of its lease and payment files pertaining to such acreage (the "**Records**").

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9. The Parties acknowledge and agree that the rights, obligations, and covenants set forth herein are independent of, and not contingent upon, the negotiation, execution, or performance of any acreage trade agreement or similar transaction between the Parties. Nothing in this letter agreement shall require the Parties to execute the Trade Agreement; *provided, however*, that in the event the Parties do not execute the Trade Agreement, the Parties' respective obligations under Sections 4 through 10 hereof shall be fully enforceable.

10. Except as otherwise provided herein, nothing in this letter agreement will diminish any current or future rights of ARC in the Drilling Leases or other properties. This letter agreement and the rights and obligations of ARC and CNX hereunder will terminate (on a Drilling Lease-by-Drilling Lease basis) upon the earliest of (a) if and when CNX and ARC consummate the closing of the Proposed Transaction, as applicable, of the Trade Agreement with respect to such Drilling Lease and (b) December 31, 2026.

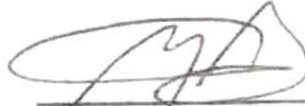
[Signature page follows]

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If the above meets your approval, please execute in the space provided below and return one signed copy to my attention. Should you have any questions, please contact Stephanie Schwabenbauer at: (724) 485-4371.

Sincerely,

CNX GAS COMPANY LLC



Name: Peter J. Binotto
Title: Vice President

Acknowledged, accepted and agreed to on April 15, 2026.

ANTERO RESOURCES CORPORATION



Name: Jared Hurst
Title: Vice President - Land

MCA

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Signature Page to Drill Letter

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Schedule 1

Definitions

"Marcellus Formation" means the stratigraphic equivalent of those depths and formations underlying such leases (or portions of leases) from 500' above the top of the Tully formation, as seen at 6943' MD in the log for the BIG57H1 well located in Wetzel County, West Virginia (API No. 4710302414) down to 200' below the top of the Onondaga formation, as seen in the log of such well at a depth of 7117' MD.

"Net Revenue Interest" means, with respect to the Marcellus Formation of each Drilling Lease, the interest in and to all hydrocarbons produced and sold from the Marcellus Formation of such Drilling Lease, after giving effect to all royalties, overriding royalties, production payments, carried interests, net profits interests, reversionary interests and other similar burdens upon, measured by or payable out of production therefrom.

"Net Working Interest Acreage" means, computed separately with respect to each Drilling Lease and with respect to the Marcellus Formation, (i) the number of gross mineral acres in the lands included in or encumbered by such Drilling Lease, multiplied by (ii) the percent interest of oil, gas and associated hydrocarbons in such Drilling Lease owned by the lessor upon its execution, multiplied by (iii) the assigning Party's Working Interest in the Drilling Lease as to the Marcellus Formation; **provided**, that if the Working Interest varies as to different areas within any tracts or parcels burdened by such Drilling Lease, a separate calculation shall be done for each area.

"NRI Acres" means, as computed separately with respect to each Drilling Lease, the (i) Net Working Interest Acreage, multiplied by (ii) the Party's Net Revenue Interest.

"Working Interest" means with respect to any Drilling Lease, the percentage of costs and expenses associated with the operating rights and the exclusive right to exploit hydrocarbons from the Drilling Lease required to be borne with respect thereto, but, for clarity, without regard to the effect of any royalties, overriding royalties, production payments, carried interests, net profits interests, reversionary interests and other similar burdens upon, measured by or payable out of production therefrom.

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Exhibit A
Drilling Leases

Lessor	Lessee	Lease Date	NRI	Gross Acres	Conveyed Gross Acres	Conveyed Net Acres	Conveyed NRI Acres	State	County	Book Page	Partial Assignment	Conveyed Interests	Tracts Retained
Brc Minerals Lp And Brc Appalachian Minerals Llc	BRC Working Interest Company, LLC	8/27/2009	0.8400	25,537.06	50.00000	25.00000	21.00000	WV	Wetzel	102A/505	Yes	2-2-8	Any tracts not listed as conveyed in the Conveyed Interests column

[End of Exhibit A]

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

May 4, 2026

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

RE: WDTN28BHSM (47-061-02027) - *MODIFICATION* Horizontal Drilling Permit Application

To Whom It May Concern:

CNX Gas Company LLC (CNX) is requesting a modification to extend the subject horizontal lateral well permit. The subject WDTN28 Marcellus well is in Monongalia County.

CNX would like to use the expedited review process for the WDTN28BHSM modification application and have enclosed a check for \$7,500.00.

If any further information or correspondence is required, please contact me at (724) 485-4035 or ErikaWhetstone@cnx.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Erika Whetstone'.

Erika Whetstone

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