



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

Tuesday, November 4, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

CNX GAS COMPANY LLC
1000 HORIZON VUE DR.

CANONSBURG, PA 15370

Re: Permit Modification Approval for WDTN18 JHSM
47-061-02002-00-00

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.

H. Jason Harmon
Acting Chief

Operator's Well Number: WDTN18 JHSM
Farm Name: CONSOL MINING COMPANY LLC
U.S. WELL NUMBER: 47-061-02002-00-00
Horizontal 6A New Drill
Date Modification Issued: 11/04/2025

Promoting a healthy environment

11/07/2025

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 BATTEL WADESTOWN
Operator ID County District Quadrangle
- 2) Operator's Well Number: WDTN18JHSM Well Pad Name: WDTN18
- 3) Farm Name/Surface Owner: CONSOL MINING CO. LLC Public Road Access: CAMP RUN ROAD, CR 4
- 4) Elevation, current ground: 1199' Elevation, proposed post-construction: 1199'
- 5) Well Type (a) Gas X Oil Underground Storage
Other
(b) If Gas Shallow X Deep
Horizontal X CK# 2140054348
CK# 7,500.00
- 6) Existing Pad: Yes or No YES
- 7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target formation is Marcellus Shale @ 7814' - 7867' TVD, 53' thick, expected formation pressure ~4600 psi
- 8) Proposed Total Vertical Depth: 7847' TVD at TD, depending on formation dip
- 9) Formation at Total Vertical Depth: Marcellus Shale (will not penetrate Onondaga)
- 10) Proposed Total Measured Depth: 25,855' MD at TD RECEIVED
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- 11) Proposed Horizontal Leg Length: 17,517' OCT 29 2025
- 12) Approximate Fresh Water Strata Depths: 103', 111', 190', 243', 259', 325', 399' WV Department of
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- 13) Method to Determine Fresh Water Depths: Offset Well Information
- 14) Approximate Saltwater Depths: 2415', 3045', 3210'
- 15) Approximate Coal Seam Depths: 448'-449', 538'-539', 612'-614', 614'-618', 873'-878', 978'-984'
- 16) Approximate Depth to Possible Void (coal mine, karst, other): None Anticipated
- 17) Does Proposed well location contain coal seams
directly overlying or adjacent to an active mine? Yes No X
- (a) If Yes, provide Mine Info: Name: See attached map
Depth:
Seam:
Owner:

WW-6B
(04/15)

API NO. 47- 061 - 02002
OPERATOR WELL NO. WDTN18JHSM
Well Pad Name: WDTN18

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	68	40 ✓	127 / CTS
Fresh Water	13.375	New	J-55	54.5	1,115	1,086	783 / CTS
Coal	13.375	New	J-55	54.5	1,115	1,086 ✓	783 / CTS ✓
Intermediate	9.625	New	J-55	36	2,765	2,736	896 / CTS
Production	5.5	New	P-110	20	25,855	25,826 ✓	4605 / TOC @ 4000'
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	26	.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	8.75 x 8.5	.415	14,340	~11,000	Class A or H	1.10
Tubing	2.375	N/A	.190	7,700	N/A	N/A	N/A
Liners							

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PACKERS

Kind:	N/A			
Sizes:				
Depths Set:				

Robert J. Hitt
10-24-25

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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. Note that the FW/coal casing will be set just above elevation - the casing will NOT be set below ground level (setting depth to isolate sloughing formations and red beds below the Pittsburgh Coal Seam). 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.

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21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 28.06

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22) Area to be disturbed for well pad only, less access road (acres): 24.6

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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 rigid/bow spring centralizers. Production string: centralize every joint from shoe to TOC - utilize single piece/rigid bow centralizers. Actual centralizer placement may be changed based on hole conditions.

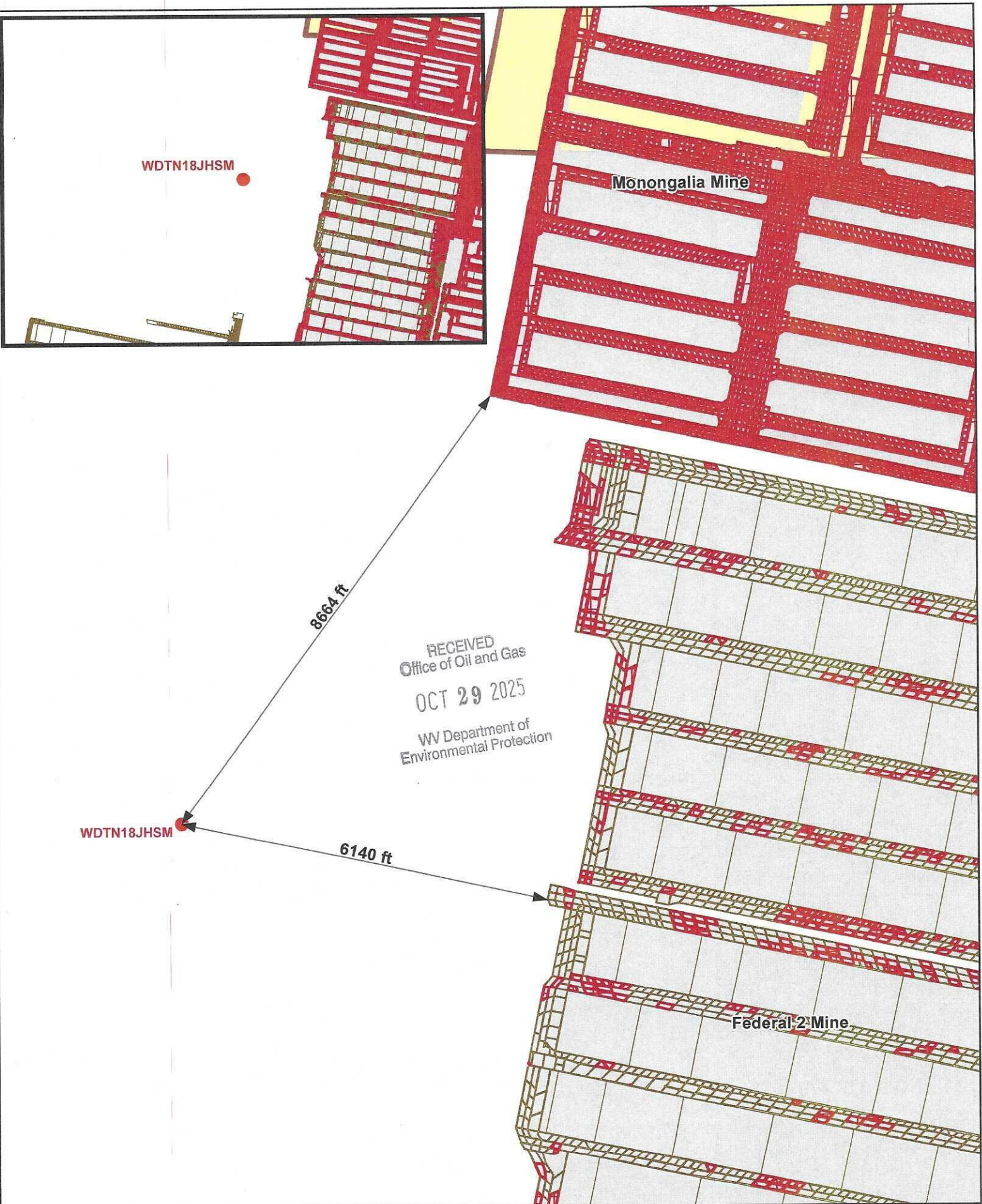
24) Describe all cement additives associated with each cement type:

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

25) Proposed borehole conditioning procedures:

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

*Note: Attach additional sheets as needed.



Legend

- Well Location
- Mine Workings
- Mined Out
- Remaining Coal
- Active Permit



0 250 500 1,000 1,500 2,000 feet 1 inch = 2,000 feet	
Date: 2/10/2025	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

11/07/2025
Mine Map



DRILLING WELL PLAN
WDTN-18J-HSM (Marcellus HZ)
Marcellus Shale Horizontal
Monongalia County, WV

				WDTN-18J-HSM SHL			N 434781.73, E 1758404.89 (NAD27)			
Ground Elevation	1199' GL Elevation			WDTN-18J-HSM LP			N 434176.06, E 1758910.03 (NAD27)			
Azimuth	145°			WDTN-18J-HSM BHL			N 419827.66, E 1768956.89 (NAD27)			
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	Tops (RKB)		MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
				MD	MD					
	24"	20" L/S	Soil and Rock			AIR	To Surface	N/A	N/A	Stabilize surface fill/soil
			Conductor	68	68					
			DFGW		208					
	17-1/2"	13-3/8" 54.5# (12.62" ID) J-55 BTC	Waynesburg Coal		566	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
			Pittsburgh Coal (Solid)		1,006					
			FW/Coal Casing	1,115	1,115					
			Upper Freeport Coal		1,579					
			Lower Freeport Coal		1,619					
			Middle Kittanning Coal		1,743					
	12-1/4"	9-5/8" 36.0# (8.921" ID) J-55 LTC	Big Lime		2,217	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
			Keener Sand		2,297					
			Big Injun Sand		2,443					
			Price Formation		2,531					
			Intermediate Casing	2,765	2,765					
			50 Foot		2,832					
			Gordon		3,143					
			Fifth		3,242	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	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
			Bayard		3,269					
			Elks		5,596					
			Rhinestreet		6,922					
			Burkett		7,609					
			Tully		7,641					
			Hamilton		7,678					
			Marcellus		7,814					
			Production Casing	25,855	7,847					
LP @ +/- 8338' MD 7847' TVD										
8-3/4" x 8-1/2" Hole - Cemented Long String 5-1/2" 23.0# P-110 VAR										
+/- 17517' Lateral										
TD @ +/- 25855' MD 7847' TVD										

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WDTN18_M2 Pad Area of Review

In accordance with WVDEP 35CSR8 Section 5.11, all known oil and gas wells have been identified within a 500' radius of the WDTN18_M2 (southern laterals) pad. Any 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 7900'. In the Wadestown area, there were very few wells that produced from formations deeper than the Bayard Sand (approximately 3700'). With that being said, there are six (6) 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 WDTN18_M2 Pad.

The current hypothesis for Shallow Oil and Gas (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 21.4 miles north of the WDTN18 pad. Frac modeling (Figure 5) of the Marcellus in the area does not show significant upward frac growth.

There are six (6) CNX Marcellus lateral wells that lie within 500' of the proposed WDTN18_M2 wells. CNX Marcellus wells within 500' of the WDTN18_M2 laterals will be monitored and the Production Control Room (PCR) will 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 WDTN18_M2 wells.

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Figure 1. Zero 3rd Party Marcellus wells lie within a 500' buffer around the proposed WDTN18_M2 laterals, producing from the Marcellus Shale, shown below.

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

Figure 2. Six CNX wells producing from formations within 1500' above or below the Marcellus Shale and within 500' of proposed WDTN18_M2 laterals.

Well Name/API	Formation	Operator	Orientation	Within Zone of Influence	TVD Depth (ft)
WDTN18AHSM (47-061-01944)	Marcellus Shale	CNX	Horizontal	Yes	7853
WDTN18BHSM (47-061-01945)	Marcellus Shale	CNX	Horizontal	Yes	7867
WDTN18CHSM (47-061-01946)	Marcellus Shale	CNX	Horizontal	Yes	7877
WDTN18DHSM (47-061-01947)	Marcellus Shale	CNX	Horizontal	Yes	7884
WDTN18EHSM (47-061-01948)	Marcellus Shale	CNX	Horizontal	Yes	7893
WDTN18UHSM (47-061-01916)	Marcellus Shale	CNX	Horizontal	Yes	7890

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Figure 3. 100 wells were found when the area within a 500' buffer around the WDTN18_M2 Pad was queried. 10 are Inactive Completed Status, 52 are Plugged and Abandoned, and 1 is Abandoned, 3 DUC (Drilled Uncompleted), 2 Permit Cancelled, 2 Permit Expired, 3 Permitted, 6 Producing, and 21 Unreported. The deepest well is 3740' and produces from the Bayard Sand. No known SOG Communication events have occurred in this area. The dashed red laterals in the figure below are Pittsburgh Coal seam horizontal laterals at very shallow depths.

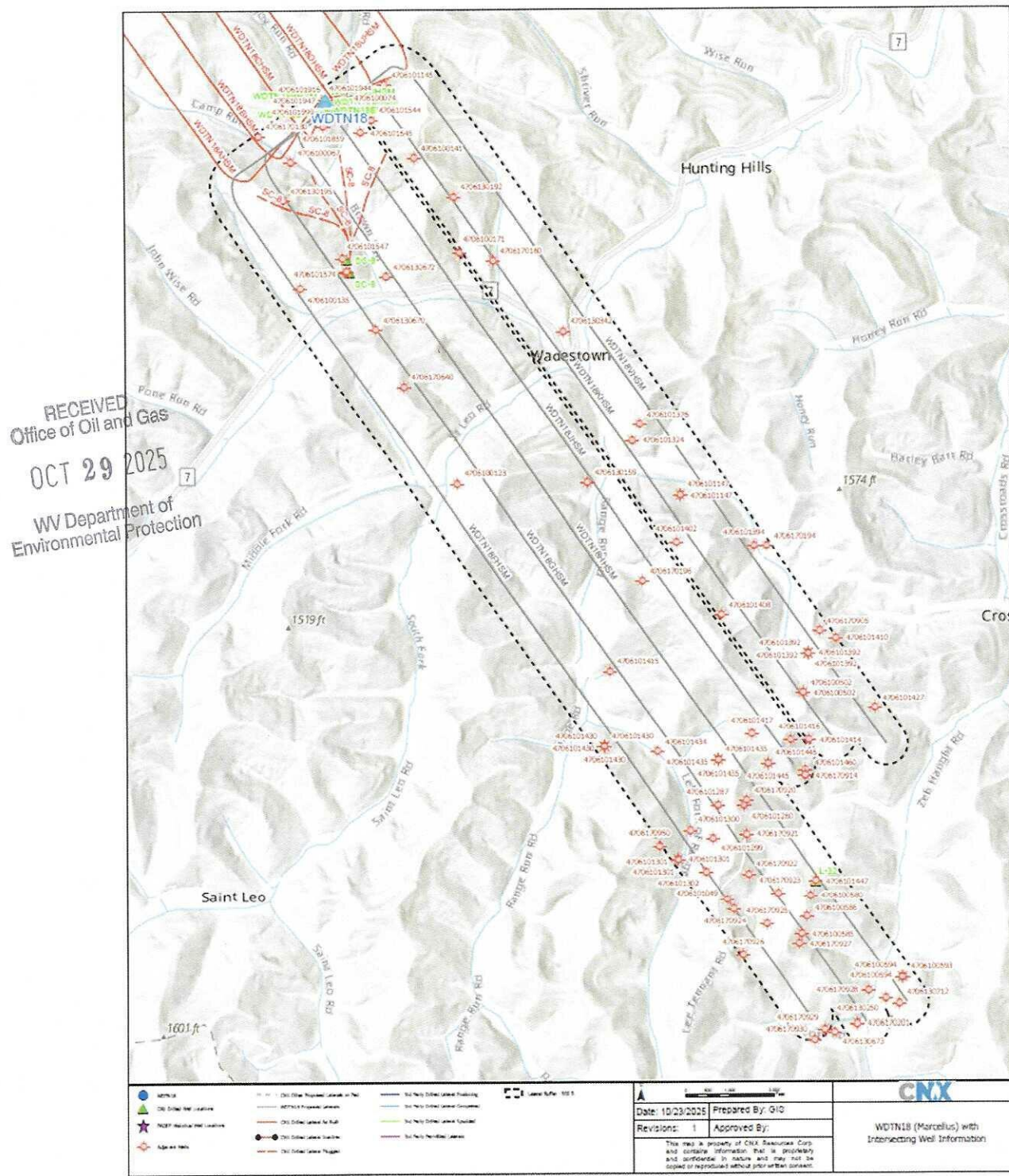


Figure 4. Stratigraphic intervals of high stress should serve as adequate confining layers, or frac barriers, for a Marcellus frac, seen below in the Wadestown Area Stress Profile log.

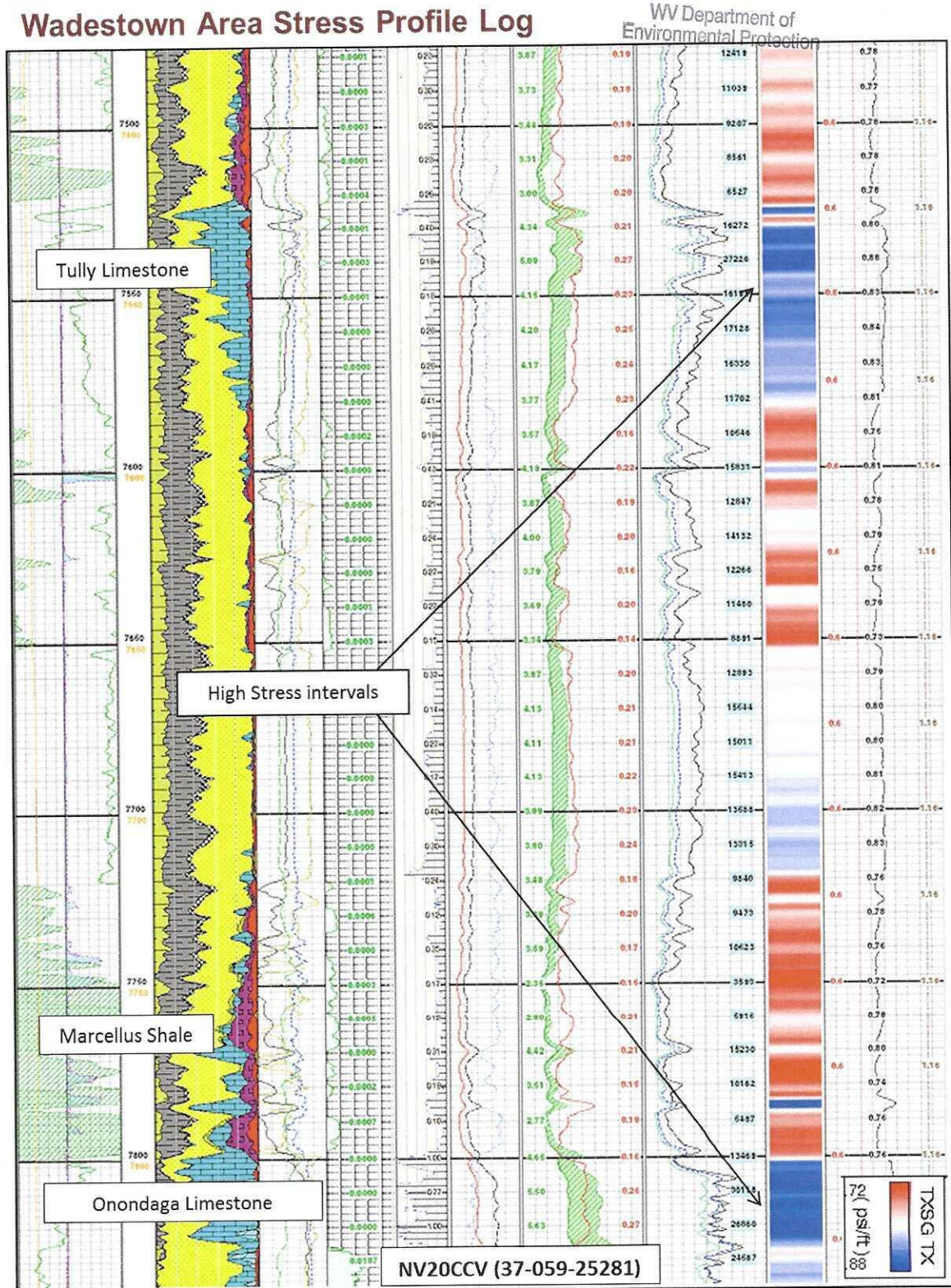
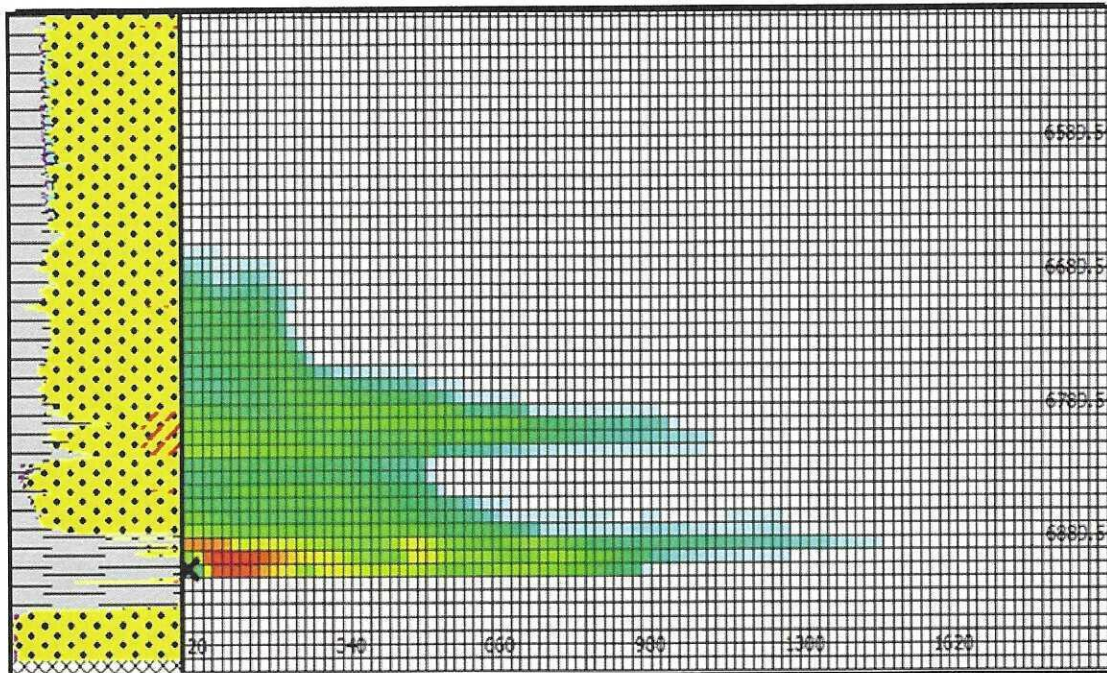


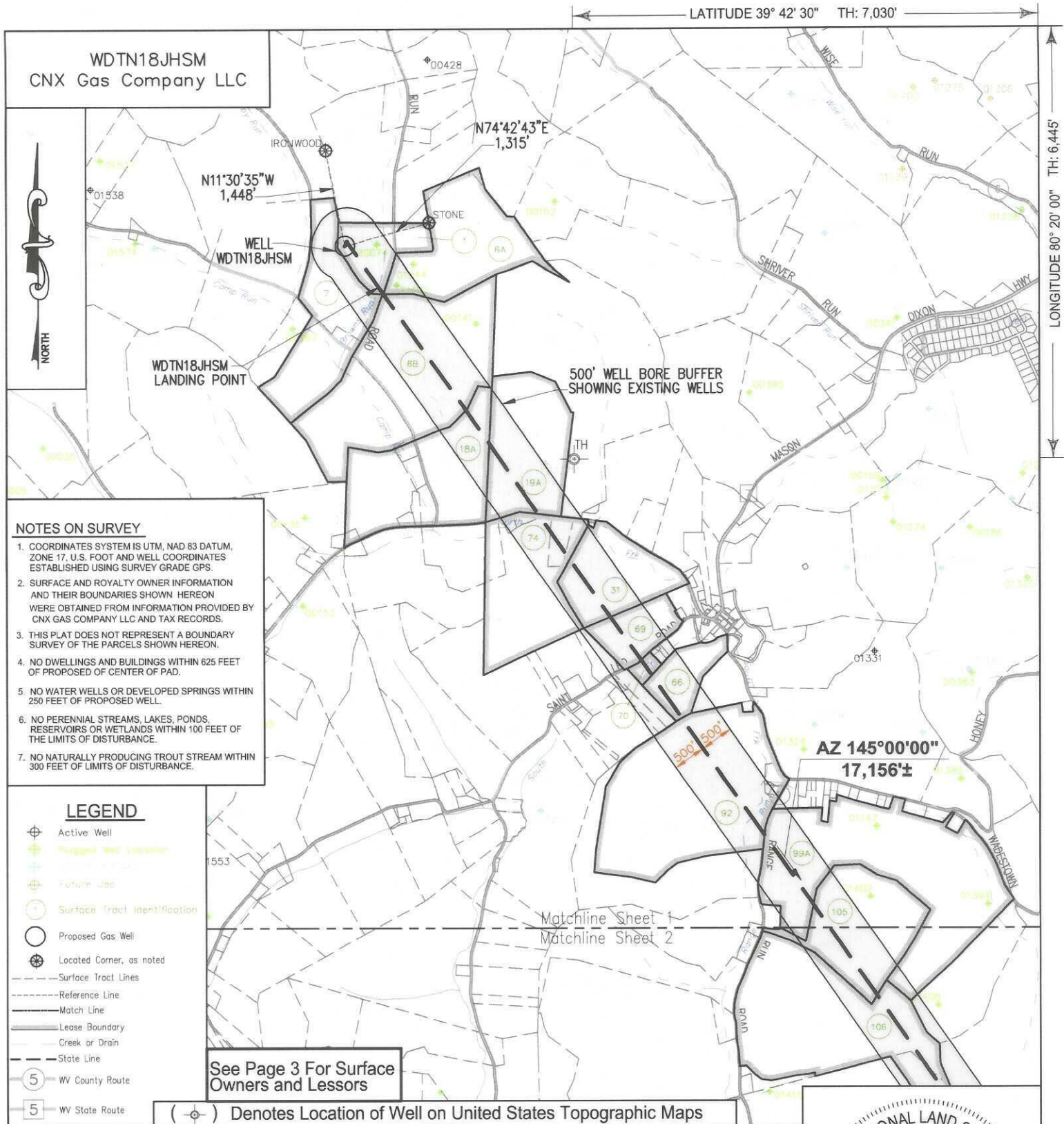
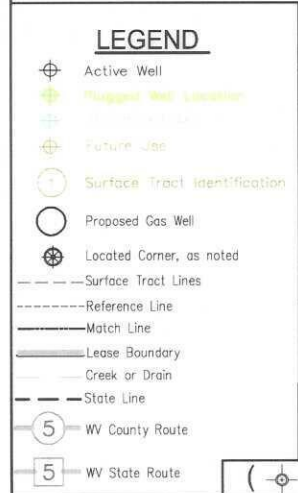



Figure 5. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is from the Oxford area of western Doddridge County, where the Hamilton and Tully are much thinner than Wadestown. Frac modeling predicts frac height of approximately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

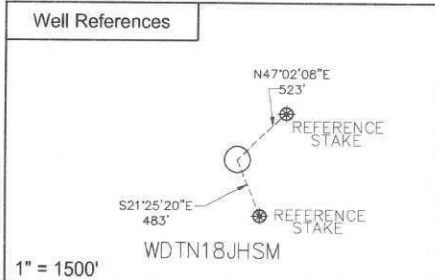
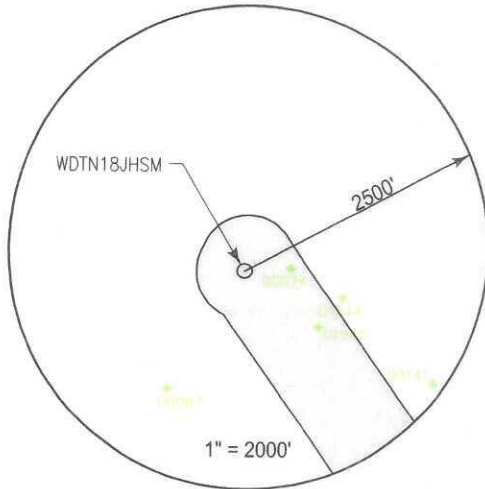
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API Number	Well Name	Well Number	Operator	Well Type	Formation	Status	State	County	Latitude	Longitude	TVD Feet
4700101376	WEWV 05460	05469	CONSOL			ABANDONED	WV	MONONGALIA	39.070969	-80.332943	
4700102000	CONSOL MINING COMPANY LLC WDN18 GHSM	WDN18 GHSM	CNK	GAS	MARCELLUS FORMATION	DUC	WV	MONONGALIA	39.6005937	-80.358304	
4700102001	CONSOL MINING COMPANY LLC WDN18 HHSM	WDN18 HHSM	CNK	OTHER	MARCELLUS FORMATION	DUC	WV	MONONGALIA	39.6004484	-80.358384	
4700102002	CONSOL MINING COMPANY LLC WDN18 JHSM	WDN18 JHSM	CNK	GAS	MARCELLUS FORMATION	DUC	WV	MONONGALIA	39.6006448	-80.358318	
4700101545	CONSOLIDATION COAL COMPAN SC12A	SC12A	DIVERSIFIED ENERGY	CBM	PITTSBURGH COAL	INACTIVE COMPLETED	WV	MONONGALIA	39.6006448	-80.358318	1210
4700101574	TERRA FIRMA COMPANY SC8A	SC8A	DIVERSIFIED ENERGY	CBM	PITTSBURGH COAL	INACTIVE COMPLETED	WV	MONONGALIA	39.6006448	-80.358318	2550
4700130192			BEREN, I. H.	OIL	BIG INJUN (PRICE&EQ)	INACTIVE COMPLETED	WV	MONONGALIA	39.635281	-80.312812	3138
4700130250			INTERSTATE PIPE & SUPPLY	GAS	BAYARD	INACTIVE COMPLETED	WV	MONONGALIA	39.680118	-80.3534	3278
4700130272	R S & E CLOVIS		MOORE, D. K., ETAL	OIL & GAS	FOURTH	INACTIVE COMPLETED	WV	MONONGALIA	39.667377	-80.330773	3292
4700130159	W C MASON 1		CARNegie NATURAL GAS CO	OTHER	FOURTH	INACTIVE COMPLETED	WV	MONONGALIA	39.661382	-80.323552	3310
4700170196	M J & J L GARRISON		BP	FIFTH	INACTIVE COMPLETED	WV	MONONGALIA	39.678852	-80.339137	3381	
4700170304			PITTSBURGH & WV GAS	OTHER	FIFTH	INACTIVE COMPLETED	WV	MONONGALIA	39.688938	-80.363724	3452
4700170130			OPER IN MIN OWNER, L.D. NO CODE ASSGN(ORPHAN WELL PROJ)	OTHER	FIFTH	INACTIVE COMPLETED	WV	MONONGALIA	39.684778	-80.361658	3477
4700130195	MAHLON TENNANT HEIRS 1		MANUFACTURERS LIGHT & HEAT CO	GAS	BAYARD	INACTIVE COMPLETED	WV	MONONGALIA	39.624277	-80.314745	3100
4700101447	CONSOLIDATION COAL COMPANY L-32	L-32	CNK	GAS	PITTSBURGH COAL	P & A	WV	MONONGALIA	39.689912	-80.354637	1210
4700101544	CONSOLIDATION COAL COMPANY SC12	SC12	DIVERSIFIED ENERGY	CBM	PITTSBURGH COAL	P & A	WV	MONONGALIA	39.643002	-80.329566	2329
4700101301	BREIDING, GEORGE D. 4146	4146	CONSOLIDATION COAL COMPANY	GAS	GORDON	P & A	WV	MONONGALIA	39.643002	-80.329566	2329
4700101301	BREIDING, GEORGE D. 4146	4146	CONSOLIDATION COAL COMPANY	GAS	GORDON	P & A	WV	MONONGALIA	39.643002	-80.329566	2329
4700101301	BREIDING, GEORGE D. 4146	4146	CONSOLIDATION COAL COMPANY	GAS	GORDON	P & A	WV	MONONGALIA	39.643002	-80.329566	2329
4700101392	GODBY, MICHAEL W. F2-448	F2-448	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GAS	PITTSBURGH COAL	P & A	WV	MONONGALIA	39.656878	-80.312423	2452
4700101392	GODBY, MICHAEL W. F2-448	F2-448	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GAS	PITTSBURGH COAL	P & A	WV	MONONGALIA	39.656878	-80.312423	2452
4700101392	GODBY, MICHAEL W. F2-448	F2-448	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GAS	PITTSBURGH COAL	P & A	WV	MONONGALIA	39.656878	-80.312423	2452
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4700101392	GODBY, MICHAEL W. F2-448	F2-448	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	GAS	PITTSBURGH COAL	P & A	WV	MONONGALIA	39.656878	-80.312423	2452
4700101392	GODBY, MICHAEL W. F2-448</										

WDTN18JHSM CNX Gas Company LLC		LATITUDE 39° 42' 30" TH: 7,030'	
		LONGITUDE 80° 20' 00" TH: 6,445'	
NOTES ON SURVEY 1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS. 2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS. 3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON. 4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD. 5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL. 6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE. 7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.			
LEGEND 		Matchline Sheet 1 Matchline Sheet 2	
See Page 3 For Surface Owners and Lessors		() Denotes Location of Well on United States Topographic Maps	
		<p>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.</p> <p> L. L. S. 2394</p>	
			
FILE NO: _____ DRAWING NO: _____ SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: 1:2500 PROVEN SOURCE OF ELEVATION: NGS CORS Station		DATE: OCTOBER 16 20 25 OPERATORS WELL NO: _____ API WELL NO 47 - 061 - 02002 STATE COUNTY PERMIT	
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION			
WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown DISTRICT: Battelle COUNTY: Monongalia SURFACE OWNER: Consol Mining Company LLC ACREAGE: 46.75 ± ROYALTY OWNER: Bounty Minerals, LLC LEASE NO: 189033000 ACREAGE: 59.02 ± PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,847'			
WELL OPERATOR: CNX Gas Company LLC ADDRESS: 1000 Horizon Vue Drive Canonsburg, PA 15317		DESIGNATED AGENT: Anthony Kendziora ADDRESS: 111 Avondale Road Fairmont, WV 26554	

WDTN18JHSM CNX Gas Company LLC		SHOWING EXISTING WELLS		LATITUDE 39° 40' 00" BH: 8,070'	
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.		Matchline Sheet 1 Matchline Sheet 2			
LEGEND Active Well Proposed Well Location Future Use 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			
		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			
FILE NO: DRAWING NO: SCALE: 1" = 2000' 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		 PROFESSIONAL LAND SURVEYOR TERRY LEE ROWE 035004054 SPRING TEXAS STATE OF ILLINOIS SEAL	
				DATE: OCTOBER 16 20 25 OPERATORS WELL NO: API WELL NO 47 - 061 - 02002 STATE COUNTY PERMIT	
WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown DISTRICT: Battelle COUNTY: Monongalia SURFACE OWNER: Consol Mining Company LLC ACREAGE: 46.75 ± ROYALTY OWNER: Bounty Minerals, LLC LEASE NO: 189033000 ACREAGE: 59.02 ± PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,847'					
WELL OPERATOR: CNX Gas Company LLC ADDRESS: 1000 Horizon Vue Drive Canonsburg, PA 15317		DESIGNATED AGENT: Anthony Kendziora ADDRESS: 111 Avondale Road Fairmont, WV 26554			

TRACT ID	SURFACE OWNER	LESSOR	PIN
1	Consol Mining Company LLC	Eastern Associated Coal Corporation	1-9-36 1-9-37
TRACT ID	SURFACE OWNER	LESSOR	PIN
8A	CONSOL Mining Company LLC	Virgie Shriver, et al Eastern Associated Coal Corp CNX Gas Company LLC Consolidation Coal Company	1-12-8
TRACT ID	SURFACE OWNER	LESSOR	PIN
8B	CONSOL Mining Company LLC	Virgie Shriver, et al Eastern Associated Coal Corp CNX Gas Company LLC Consolidation Coal Company	1-12-8
TRACT ID	SURFACE OWNER	LESSOR	PIN
7	Consol Mining Company LLC	Bounty Minerals, LLC Bounty Minerals III Acquisitions, LLC LOLA Drilling I, LLC Rice Drilling B, LLC	1-9-37 1-12-7
TRACT ID	SURFACE OWNER	LESSOR	PIN
18A	David E. Van Scyoc	Three Rivers Royalty II, LLC Whitehawk Income Marcellus LLC David A. Joffe and Donna Sue A. Joffe Lisa Ellen May and Gary A. May Jeff T. Delaney Martha A. Pryor a/k/a Martha Ann Pryor by Robert Owens as Agent Lee E. Delaney Joseph S. Delaney Nancy Paulovicks and Jay E. Paulovicks, wife and husband Michael S. Delaney Earlene Owens and Robert Owens, wife and husband W. James Shannon Clarence Park and Linda S. Park, husband and wife Linda L. Park Nola Chisler and Charles D. Chisler, wife and husband Jay Park and Carolyn S. Park, husband and wife Martha Ann Prince Mary Ellen Bell Larry L. Delaney Shawn Delaney Charles R. Delaney George William Cummins Jr Hillary L. Clovis and Kristen Clovis, her wife Jeremy J. Clovis and Wendy Clovis, his wife Josh Clovis a/k/a Joshua Clovis and Chastity Clovis, his wife Chelsea D. Kolb n/a Chelsea Hagedorn and Kevin Hagedorn, her husband Rodney A. Clovis Robin L. Clovis Wade, f/k/a Robin Lynn Clovis Clinton Alan Clovis a/k/a Clint Clovis Christopher Lance Clovis Bruce Scott Carpenter and Patricia S. Carpenter, individually and as husband and wife Patti Carpenter Bruce P. Carpenter Jeannine Osmanski and Robert E. Osmanski, individually and as husband and wife NNE Properties II LLC Willis Jo Reedy Robert L. Hess	1-12-10 1-12-10.1 1-12-11 1-12-11.1 1-12-11.2 1-12-11.3



SURFACE HOLE LOCATION (SHL)

UTM 17 NAD 83
N: 4393618.62
E: 555020.62
NAD 83, WV NORTH
N: 434819.106
E: 1726968.024
LAT/LON DATUM NAD 83
LAT: 39°41'26.293"
LONG: 80°21'29.935"
LANDING POINT
UTM 17 NAD 83
N: 4393436.66
E: 555177.60
NAD 83, WV NORTH
N: 434213.421
E: 1727473.139
LAT/LON DATUM NAD 83
LAT: 39°41'20.354"
LONG: 80°21'23.399"

WDTN18 WELL PAD

WDTN18HHSM ○ ○ WDTN18JHSM
WDTN18GHSM ○ ○ WDTN18KHSM
WDTN18FHSM ○ ○ WDTN18VHSM

BOTTOM HOLE LOCATION (BHL)

UTM 17 NAD 83
N: 4389116.27
E: 558311.40
NAD 83, WV NORTH
N: 419864.855
E: 1737519.445
LAT/LON DATUM NAD 83
LAT: 39°38'59.473"
LONG: 80°19'13.210"



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'
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 16 20 25
OPERATORS WELL NO: _____
API WELL NO
47 - 061 - 02002
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Battelle COUNTY: Monongalia
SURFACE OWNER: Consol Mining Company LLC ACREAGE: 46.75 ±
ROYALTY OWNER: Bounty Minerals, LLC LEASE NO: 189033000 ACREAGE: 59.02 ±
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: 7,847'
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

TRACT ID	SURFACE OWNER	LESSOR	PIN
19A	Ralph Six	Bounty Minerals, LLC	1-12-9
		Bounty Minerals III Acquisitions, LLC	
		LOLA Drilling 1, LLC	
		Rice Drilling B, LLC	
		Rice Drilling B, LLC	
		SWS Holding LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
31	John and Joann King Irrevocable Trust	Debra Lynn Lundgren	1-13-7
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
66	Jessica L. Waddell, et al	Bounty Minerals LLC	1-13-11
TRACT ID	SURFACE OWNER	LESSOR	PIN
69	John and Joann King Irrevocable Trust	Greg Shriver, Successor Trustee for the benefit of West Warren Baptist Church under the Last Will and Testament of Blanche C. Shriver, and Greg Shriver, Norman Core and Rick Wolfe, Trustees of the West Warren Baptist Church	1-13-8
TRACT ID	SURFACE OWNER	LESSOR	PIN
70	Roger Leo Wade, et ux	Bula Baptist Church by its Trustees, George Sanders, Randy Stiles, Francis Haught and Delbert Corder	1-13A-1
		Union Baptist Church by its Trustees, Roy Dale Chisler and Jackie Miller	
		West Warren Baptist Church by its Trustees, Greg Shriver, Norman Core, and Tom Sanders	
TRACT ID	SURFACE OWNER	LESSOR	PIN
74	David E. Van Scyoc	Martha Sue Kerr	p/o 1-12-34.1
			1-12-35
			1-12-35.1
			1-12-35.3
		Larry A. Kerr	
		Bruce Scott Carpenter and Patricia S. Carpenter, individually and as husband and wife	
		Patti Carpenter	
		Bruce P. Carpenter	
		Jeannine Osmanski and Robert E. Osmanski, individually and as husband and wife	
		Jack K. Lemley	
		Bounty Minerals, LLC	
		Hillary L. Clovis and Kristen Clovis, her wife	
		Jeremy J. Clovis and Wendy Clovis, his wife	
		Josh Clovis a/k/a Joshua Clovis and Chastity Clovis, his wife	
		Chelsa D. Kolb n/k/a Chelsa Hagedorn and Kevin Hagedorn, her husband	
		Rodney A. Clovis	
		Robin L. Clovis Wade, f/k/a Robin Lynn Clovis	
		Clinton Alan Clovis a/k/a Clint Clovis	
		Christopher Lance Clovis	
		NNE Properties II LLC	
		Willia Jo Neely	
		Robert L. Hess	
TRACT ID	SURFACE OWNER	LESSOR	PIN
92	CNX RCPC LLC	Terrance W. Mason	1-13-15
			1-13-15.1
			1-13-15.2
			1-13-15.3
		Debra L. Frazier	
TRACT ID	SURFACE OWNER	LESSOR	PIN
99A	Betty S. Baird	William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable Trust dated December 19, 2019	1-18-3
		Masonic Charity Foundation of Oklahoma f/k/a Most Worshipful Grand Lodge of Ancient Free and Accepted Masons of the State of Oklahoma	
		Northeast Natural Energy LLC	
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
105	Betty S. Baird	Northeast Natural Energy LLC	1-18-23.3
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
106	John B. Koch, et al	Gary L. Truce, single	1-18-23
		John B. Koch, a married man, dealing with his sole and separate property	
		Loretta Koch, widow	
		Thomas W. Koch, single	
		Paul V. Leach, a married man, dealing with his sole and separate property	

11/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
112C	Thomas O. Brinegar III, et al	Thomas E. Walker and Shirley S. Walker, husband and wife	1-18-38
		Margaret E. Williams	
		Charles R. Delaney	
		George William Cummins, Jr	
		Mike Ross, Inc	
		Connie C. Sutton	
		Donna C. Miller	
		James A. Grimm	
		Mark McCann and Patricia McCann, husband and wife	
		Sarah G. Klucker and Robert L. Klucker, wife and husband	
		Robert D. Gribbins and Felicia M. Gribbins, husband and wife	
		Karin L. McKisson	
		Marlene Kay Hyett	
		John Richard Thralls	
		Catherine M. Monell	
		Lavere J. Mason Revocable Trust	
		Melissa Dawson	
		Josh Dawson	
		Chad A. Wilson	
		Mary Jane Shriver	
		Henry E. Brewer	
		Edward E. Brewer a/k/a Edward Brewer and Bonnie Brewer, husband and wife	
		Billy L. Brewer a/k/a Billy Brewer and Barbara L. Brewer, husband and wife	
		Janet L. Shiflet	
		Linda L. Oswald f/k/a Linda L. Shimer	
		Charles F. Phillips and Sara V. Phillips a/k/a Sara Phillips, husband and wife	
		Randy D. Hanning	
		Nicole R. Mattingly a/k/a Nikki Mattingly	
		Shawn Delaney	
		Sally Anne Byard Mercer a/k/a Sally Ann Mercer	
		Jerry Francis Byard	
		John Milush	
		Carol Ann Byard	
		Wilma Gale Parry	
		Daniel J. Nabuda	
		Kirchgessner Consulting Group, LLC	
		Larry Delaney	
		Stacey Mitchell	
		Richard D. Repasky	
		Julia M. Repasky	
		Nicholas Parry	
		Asa Earl Byard	
		Constance Sue Whipkey Rush	
		Michael Allen and Janis Allen, husband and wife	
		Waymen W. Wilson, Jr. and Susan Wilson, husband and wife	
		Samantha L. Rush	
		Susan Rush Levelle and Robert Levelle, wife and husband	
		Michelle Skaggs and John Skaggs, wife and husband	
		Gretta Adams and Manson Adams, wife and husband	
		Dan R. Haught a/k/a Danny Haught and Nancy Jane Haught, husband and wife	
		Marguerite S. Eddy a/k/a Margie Eddy f/k/a Marguerite Temple	
		Lee E. Delaney and Shannon Delaney, husband and wife	
		Joseph S. Delaney	
		Susan D. Delaney aka Susan Diane Delaney	
		Michael S. Delaney and Susan Delaney, husband and wife	
		William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable Trust dated December 17, 2019	
		Deborah E. Page f/k/a Deborah E. Watson f/k/a Deborah Kisner and James R. Page, wife and husband	
		David G. Haught a/k/a David Haught and Martha Ann Haught, husband and wife	
		T.J. Dawson a/k/a Travis Jack Dawson	
		Bonnie Frattini	
		Christina Parry f/k/a Christina Lincoln	
		Gregory C. Mason	
		Zachary L. Mason	
		Betty Lou Dawson Senter	
		Donald G. Dawson	
		Dennis R. Haught	
		Rebecca H. Cady a/k/a Rebecca Cady	
		Christopher M. Mesler	
		Northeast Natural Energy LLC	
		EQT Production Company	
		EQT Production Company	
		Northeast Natural Energy LLC	
		Northeast Natural Energy LLC	
		EQT Production Company	
		EQT Production Company	

11/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
112E	Thomas O. Brinegar III, et al	Thomas E. Walker and Shirley S. Walker, husband and wife	1-18-36
TRACT ID	SURFACE OWNER	LESSOR	PIN
112G	Thomas O. Brinegar III, et al	Thomas E. Walker and Shirley S. Walker, husband and wife	1-18-39
		Margaret E. Williams	
		Charles R. Delaney	
		George William Cummins, Jr	
		Mike Ross, Inc	
		James A. Grimm	
		Mark McCann and Patricia McCann, husband and wife	
		Sarah G. Klucker and Robert L. Klucker, wife and husband	
		Robert D. Gribbins and Felicia M. Gribbins, husband and wife	
		Karin L. McKisson	
		Marlene Kay Hyett	
		John Richard Thralls	
		Catherine M. Monell	
		Lavere J. Mason Revocable Trust	
		Melissa Dawson	
		Josh Dawson	
		Chad A. Wilson	
		Mary Jane Shriver	
		Henry E. Brewer	
		Edward E. Brewer a/k/a Edward Brewer and Bonnie Brewer, husband and wife	
		Billy L. Brewer a/k/a Billy Brewer and Barbara L. Brewer, husband and wife	
		Janet L. Shiflet	
		Linda L. Oswald f/k/a Linda L. Shimer	
		Charles F. Phillips and Sara V. Phillips a/k/a Sara Phillips, husband and wife	
		Randy D. Hanning	
		Nicole R. Mattingly a/k/a Nikki Mattingly	
		Shawn Delaney	
		Sally Anne Byard Mercer a/k/a Sally Ann Mercer	
		Jerry Francis Byard	
		John Milush	
		Carol Ann Byard	
		Wilma Gale Parry	
		Daniel J. Nabuda	
		Kirchgessner Consulting Group, LLC	
		Larry Delaney	
		Stacey Mitchell	
		Richard D. Repasky	
		Julia M. Repasky	
		Nicholas Parry	
		Asa Earl Byard	
		Constance Sue Whipkey Rush	
		Michael Allen and Janis Allen, husband and wife	
		Waymen W. Wilson, Jr. and Susan Wilson, husband and wife	
		Samantha L. Rush	
		Susan Rush Levelle and Robert Levelle, wife and husband	
		Michelle Skaggs and John Skaggs, wife and husband	
		Gretta Adams and Manson Adams, wife and husband	
		Dan R. Haught a/k/a Danny Haught and Nancy Jane Haught, husband and wife	
		Marguerite S. Eddy a/k/a Margie Eddy f/k/a Marguerite Temple	
		Lee E. Delaney and Shannon Delaney, husband and wife	
		Joseph S. Delaney	
		Susan D. Delaney aka Susan Diane Delaney	
		Michael S. Delaney and Susan Delaney, husband and wife	
		William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable Trust dated December 17, 2019	
		Deborah E. Page f/k/a Deborah E. Watson f/k/a Deborah Kisner and James R. Page, wife and husband	
		David G. Haught a/k/a David Haught and Martha Ann Haught, husband and wife	
		T.J. Dawson a/k/a Travis Jack Dawson	
		Jason Ratliff	
		Bonnie Frattini	
		Christina Parry f/k/a Christina Lincoln	
		Gregory C. Mason	
		Zachary L. Mason	
		Betty Lou Dawson Senter	
		Donald G. Dawson	
		Dennis R. Haught	
		Rebecca H. Cady a/k/a Rebecca Cady	
		Chistopher M. Mesler	
		Connie C. Sutton	
		Donna C. Miller	
		Quentin Dale Knight	
		Northeast Natural Energy LLC	
		EQT Production Company	
		Northeast Natural Energy LLC	
		Northeast Natural Energy LLC	
		EQT Production Company	

11/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
112H	Thomas O. Brinegar III, et al	Thomas E. Walker and Shirley S. Walker, husband and wife	1-18-39
		Margaret E. Williams	
		Charles R. Delaney	
		George William Cummins, Jr	
		Mike Ross, Inc	
		James A. Grimm	
		Mark McCann and Patricia McCann, husband and wife	
		Sarah G. Klucker and Robert L. Klucker, wife and husband	
		Robert D. Gribbins and Felicia M. Gribbins, husband and wife	
		Karin L. McKisson	
		Marlene Kay Hyett	
		John Richard Thralls	
		Catherine M. Monell	
		Lavere J. Mason Revocable Trust	
		Melissa Dawson	
		Josh Dawson	
		Chad A. Wilson	
		Mary Jane Shriver	
		Henry E. Brewer	
		Edward E. Brewer a/k/a Edward Brewer and Bonnie Brewer, husband and wife	
		Billy L. Brewer a/k/a Billy Brewer and Barbara L. Brewer, husband and wife	
		Janet L. Shiflet	
		Linda L. Oswald f/k/a Linda L. Shimer	
		Charles F. Phillips and Sara V. Phillips a/k/a Sara Phillips, husband and wife	
		Randy D. Hanning	
		Nicole R. Mattingly a/k/a Nikki Mattingly	
		Shawn Delaney	
		Sally Anne Byard Mercer a/k/a Sally Ann Mercer	
		Jerry Francis Byard	
		John Milush	
		Carol Ann Byard	
		Wilma Gale Parry	
		Daniel J. Nabuda	
		Kirchgessner Consulting Group, LLC	
		Larry Delaney	
		Stacey Mitchell	
		Richard D. Repasky	
		Julia M. Repasky	
		Nicholas Parry	
		Asa Earl Byard	
		Constance Sue Whipkey Rush	
		Michael Allen and Janis Allen, husband and wife	
		Waymen W. Wilson, Jr. and Susan Wilson, husband and wife	
		Samantha L. Rush	
		Susan Rush Levelle and Robert Levelle, wife and husband	
		Michelle Skaggs and John Skaggs, wife and husband	
		Gretta Adams and Manson Adams, wife and husband	
		Dan R. Haught a/k/a Danny Haught and Nancy Jane Haught, husband and wife	
		Marguerite S. Eddy a/k/a Margie Eddy f/k/a Marguerite Temple	
		Lee E. Delaney and Shannon Delaney, husband and wife	
		Joseph S. Delaney	
		Susan D. Delaney aka Susan Diane Delaney	
		Michael S. Delaney and Susan Delaney, husband and wife	
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		David G. Haught a/k/a David Haught and Martha Ann Haught, husband and wife	
		T.J. Dawson a/k/a Travis Jack Dawson	
		Jason Ratliff	
		Bonnie Frattini	
		Christina Parry f/k/a Christina Lincoln	
		Northeast Natural Energy LLC	
		Gregory C. Mason	
		Zachary L. Mason	
		Betty Lou Dawson Senter	
		Donald G. Dawson	
		Dennis R. Haught	
		Rebecca H. Cady a/k/a Rebecca Cady	
		Chistopher M. Mesler	
		Connie C. Sutton	
		Donna C. Miller	
		Quentin Dale Knight	
		Northeast Natural Energy LLC	

11/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
114	CONSOL Mining Company LLC	Northeast Natural Energy LLC	1-23-6
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
127	James Sheets	Kathryn H. Gordon	1-18-41
		Northeast Natural Energy LLC	

11/07/2025

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

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

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

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See attached				

RECEIVED
Office of Oil and Gas
OCT 29 2025
WV Department of
Environmental Protection

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

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

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

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

Well Operator: CNX Gas Company LLC

By: Erika Whetstone

Its: Manager - Permitting

Attachment - Form WW-6A-1 for WDTN18JHSM

Tract ID 1	Tax Map & Parcel 1-9-58 1-9-57	Title Opinion QLS # 203527000	Surface Owner Consol Mining Company LLC	Eastern Associated Coal Corporation	Grantor, Lessor, etc	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Fee	Book/Page 1267/233
Tract ID 6A	Tax Map & Parcel 1-12-8	Title Opinion QLS # 189034000	Surface Owner CONSOL Mining Company LLC	Virgie Shivers, et al Eastern Associated Coal Corp. CNX Gas Company LLC Consolidation Coal Company	Grantor, Lessor, etc	Grantee, Lessee, etc Eastern Associated Coal Corp. CNX Gas Company LLC Consolidation Coal Company CNX Gas Company LLC	Royalty Fee Deed Deed Deed	Book/Page 690/228 1267/233 1205/417 1300/1
Tract ID 6B	Tax Map & Parcel 1-12-8	Title Opinion QLS # 189034000	Surface Owner CONSOL Mining Company LLC	Virgie Shivers, et al Eastern Associated Coal Corp. CNX Gas Company LLC Consolidation Coal Company	Grantor, Lessor, etc	Grantee, Lessee, etc Eastern Associated Coal Corp. CNX Gas Company LLC Consolidation Coal Company CNX Gas Company LLC	Royalty Fee Deed Deed Deed	Book/Page 690/228 1267/233 1205/417 1300/1
Tract ID 7	Tax Map & Parcel 1-9-37 1-12-7	Title Opinion QLS # 189033000	Surface Owner Consol Mining Company LLC	Bounty Minerals, LLC Bounty Minerals III Acquisitions, LLC LOLA Drilling 1, LLC Rice Drilling B, LLC	Grantor, Lessor, etc	Grantee, Lessee, etc LOLA Drilling 1, LLC LOLA Drilling 1, LLC Rice Drilling B, LLC CNX Gas Company LLC	Royalty Not less than 1/8 Not less than 1/8 Assignment Assignment	Book/Page 1586/325 1586/328 133/752 159/809
Tract ID 18A	Tax Map & Parcel 1-12-10 1-12-10.1 1-12-11 1-12-11.1 1-12-11.2 1-12-11.3	Title Opinion QLS # 189035000	Surface Owner David E. Van Syoc	Three Rivers Royalty II, LLC Whitehawk Income Marcellus LLC David A. Jolliffe and Donna Sue A. Jolliffe Lisa Ellen May and Gary A. May J&T T. Delaney Martha A. Pryor a/k/a Martha Ann Pryor by Robert Owens as Agent Lee E. Delaney Joseph S. Delaney Nancy Paulowick and Jay E. Paulowick, wife and husband Michael S. Delaney Earlene Owens and Robert Owens, wife and husband W. James Shannon Clarence Park and Linda S. Park, husband and wife Linda L. Park Hyla Chisler and Charles D. Chisler, wife and husband Jay Park and Carolyn S. Park, husband and wife Martha Ann Prince Mary Ellen Bell Larry L. Delaney Shawn Delaney Charles R. Delaney George William Cummins Jr Hillary L. Clovis and Valerie Clovis, her wife Jeremy J. Clovis and Wendy Clovis, his wife Josh Clovis a/k/a Joshua Clovis and Chastity Clovis, his wife Chelsea D. Kolb a/k/a Chelsea Hagedorn and Kevin Hagedorn, her husband Rodney A. Clovis Robin L. Clovis Wade, f/a/a Robin Lynn Clovis Clinton Alan Clovis a/k/a Clint Clovis Christopher Lance Clovis Bruce Scott Carpenter and Patricia S. Carpenter, individually and as husband and wife Patti Carpenter Bruce P. Carpenter Jeannine Osmanski and Robert E. Osmanski, individually and as husband and wife NNE Properties II LLC Willie Jo Hertz Robert L. Hess	Grantor, Lessor, etc	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Not less than 1/8	Book/Page 1881/728 163/490 1636/505 1623/268 1622/364 1625/455 1625/450 1622/379 1625/445 1622/374 1622/349 1652/638 1852/728 1856/236 1858/456 1875/224 1875/251 1874/779 1878/138 1874/801 1874/773 1850/826 1850/821 1850/816 1850/831 1852/681 1855/709 1856/386 1855/352 1527/680 1527/684 1527/688 1527/692 1883/353 1630/837 1648/665
Tract ID 19A	Tax Map & Parcel 1-12-9	Title Opinion QLS # 189650000	Surface Owner Ralph Six	Bounty Minerals, LLC Bounty Minerals III Acquisitions, LLC LOLA Drilling 1, LLC Rice Drilling B, LLC Rice Drilling B, LLC SWS Holding LLC	Grantor, Lessor, etc	Grantee, Lessee, etc LOLA Drilling 1, LLC LOLA Drilling 1, LLC Rice Drilling B, LLC CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Royalty Not less than 1/8 Not less than 1/8 Assignment Assignment Assignment	Book/Page 1586/4 1586/7 133/752 153/774 159/809 1731/823

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Tract ID 31	Tax Map & Parcel 1-13-7	Title Opinion QLS # 20502000	Surface Owner John and Joann King Irrevocable Trust Debra Lynn Lundgren	Grantor, Lessor, etc EQT Production Company	Grantee, Lessee, etc EQT Production Company	Royalty Not less than 1/8	Book/Page 1554/238
Tract ID 66	Tax Map & Parcel 1-13-11	Title Opinion QLS # 205023000	Surface Owner Jessica L. Waddell, et al	Grantor, Lessor, etc Bounty Minerals LLC	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Not less than 1/8	Book/Page 1829/729
Tract ID 69	Tax Map & Parcel 1-13-8	Title Opinion QLS # 205021000	Surface Owner John and Joann King Irrevocable Trust	Grantor, Lessor, etc Greg Shriver, Successor Trustee for the benefit of West Warren Baptist Church under the Last Will and Testament of Blanche C. Shriver, and Greg Shriver, Norman Core and Rick Wolfe, Trustees of the West Warren Baptist Church	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Not less than 1/8	Book/Page 1862/137
Tract ID 70	Tax Map & Parcel 1-13A-1	Title Opinion QLS # 241792000	Surface Owner Roger Leo Wade, et al	Grantor, Lessor, etc Bula Baptist Church by its Trustees, George Sanders, Randy Stiles, Francis Haight and Delbert Corder Union Baptist Church by its Trustees, Roy Dale Chisler and Jackie Miller West Warren Baptist Church by its Trustees, Greg Shriver, Norman Core, and Tom Sanders	Grantee, Lessee, etc CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Royalty Not less than 1/8 Not less than 1/8 Not less than 1/8	Book/Page 1741/224 1741/220 1644/156
Tract ID 74	Tax Map & Parcel p/o 1-12-34.1 1-12-35 1-12-35.1 1-12-35.3	Title Opinion QLS # 189035000	Surface Owner David E. Van Seyoc	Grantor, Lessor, etc Martha Sue Kerr	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Not less than 1/8	Book/Page 1603/629
Tract ID 92	Tax Map & Parcel 1-13-15 1-13-15.1 1-13-15.2 1-13-15.3	Title Opinion QLS # 205036000	Surface Owner CNX HPC LLC	Grantor, Lessor, etc Terrance W. Mason	Grantee, Lessee, etc CNX Gas Company LLC	Royalty Not less than 1/8	Book/Page 1523/115
Tract ID 99A	Tax Map & Parcel 1-18-3	Title Opinion QLS # 299601000	Surface Owner Betty S. Baird	Grantor, Lessor, etc William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable Trust dated December 19, 2019 Masonic Charity Foundation of Oklahoma I/K/a Most Worshipful Grand Lodge of Ancient Free and Accepted Masons of the State of Oklahoma	Grantee, Lessee, etc CNX Gas Company LLC CNX Gas Company LLC	Royalty Not less than 1/8 Not less than 1/8	Book/Page 1748/626 1837/523
Tract ID 105	Tax Map & Parcel 1-18-23.3	Title Opinion QLS # 263721000	Surface Owner Betty S. Baird	Grantor, Lessor, etc Northeast Natural Energy LLC EQT Production Company	Grantee, Lessee, etc EQT Production Company CNX Gas Company LLC	Royalty Not less than 1/8 Agreement	Book/Page 1789/553 1879/739
Tract ID 106	Tax Map & Parcel 1-18-23	Title Opinion QLS # 263720000	Surface Owner John B. Koch, et al	Grantor, Lessor, etc Gary L. Trace, single John B. Koch, a married man, dealing with his sole and separate property Loretta Koch, widow Thomas W. Koch, single Paul V. Leach, a married man, dealing with his sole and separate property	Grantee, Lessee, etc CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC CNX Gas Company LLC	Royalty Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8	Book/Page 1652/91 1651/735 1651/748 1654/670 1656/765

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Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
Thomas E. Walker and Shirley S. Walker, husband and wife	CIX Gas Company LLC	Not less than 1/8	1836/326
Mazaret E. Williams	CIX Gas Company LLC	Not less than 1/8	1847/447
Charles S. Delaney	CIX Gas Company LLC	Not less than 1/8	1849/587
George William Cummins, Jr	CIX Gas Company LLC	Not less than 1/8	1843/575
Mike Ross, Inc	CIX Gas Company LLC	Not less than 1/8	1846/695
Donnie C. Sutton	CIX Gas Company LLC	Not less than 1/8	1844/658
Donna C. Miller	CIX Gas Company LLC	Not less than 1/8	1846/461
James A. Grimm	CIX Gas Company LLC	Not less than 1/8	1848/648
Mark McCann and Patricia McCann, husband and wife	CIX Gas Company LLC	Not less than 1/8	1844/664
Sarah G. Klucker and Robert L. Klucker, wife and husband	CIX Gas Company LLC	Not less than 1/8	1816/346
Robert D. Gribbins and Felicia M. Gribbins, husband and wife	CIX Gas Company LLC	Not less than 1/8	1839/827
Karin L. McKisson	CIX Gas Company LLC	Not less than 1/8	1846/682
Marlene Kay Hyett	CIX Gas Company LLC	Not less than 1/8	1847/521
John Richard Thralis	CIX Gas Company LLC	Not less than 1/8	1847/463
Catherine M. Monell	CIX Gas Company LLC	Not less than 1/8	1847/469
Levern J. Mason Revocable Trust	CIX Gas Company LLC	Not less than 1/8	1837/779
Melissa Dawson	CIX Gas Company LLC	Not less than 1/8	1867/725
Josh Dawson	CIX Gas Company LLC	Not less than 1/8	1867/363
Chad A. Wilson	CIX Gas Company LLC	Not less than 1/8	1871/599
Mary Jane Shriver	CIX Gas Company LLC	Not less than 1/8	1865/786
Henry E. Brewer	CIX Gas Company LLC	Not less than 1/8	1862/118
Edward E. Brewer a/k/a Edward Brewer and Bonnie Brewer, husband and wife	CIX Gas Company LLC	Not less than 1/8	1867/123
Billy L. Brewer a/k/a Billy Brewer and Barbara L. Brewer, husband and wife	CIX Gas Company LLC	Not less than 1/8	1865/798
Janet L. Shiflet	CIX Gas Company LLC	Not less than 1/8	1867/792
Linda L. Oswald f/a Linda L. Shriver	CIX Gas Company LLC	Not less than 1/8	1865/604
Charles J. Phillips and Sara V. Phillips a/k/a Sara Phillips, husband and wife	CIX Gas Company LLC	Not less than 1/8	1865/774
Randy B. Hamming	CIX Gas Company LLC	Not less than 1/8	1871/793
Nicole R. Mattingly a/k/a Nikki Mattingly	CIX Gas Company LLC	Not less than 1/8	1828/193
Shawn Delaney	CIX Gas Company LLC	Not less than 1/8	1838/215
Sally Anne Byard Mercer a/k/a Sally Ann Mercer	CIX Gas Company LLC	Not less than 1/8	1827/769
Jerry Francis Byard	CIX Gas Company LLC	Not less than 1/8	1829/748
John Milush	CIX Gas Company LLC	Not less than 1/8	1831/462
Carol Ann Byard	CIX Gas Company LLC	Not less than 1/8	1834/566
Wilma Gale Parry	CIX Gas Company LLC	Not less than 1/8	1835/445
Daniel J. Hobbs	CIX Gas Company LLC	Not less than 1/8	1835/433
Kirchgesner Consulting Group, LLC	CIX Gas Company LLC	Not less than 1/8	1836/340
Larry Delaney	CIX Gas Company LLC	Not less than 1/8	1822/687
Stacey Mitchell	CIX Gas Company LLC	Not less than 1/8	1837/661
Richard D. Repasky	CIX Gas Company LLC	Not less than 1/8	1837/667
Julia M. Repasky	CIX Gas Company LLC	Not less than 1/8	1841/180
Nicholas Parry	CIX Gas Company LLC	Not less than 1/8	1838/364
Asa Earl Byard	CIX Gas Company LLC	Not less than 1/8	1828/181
Constance Sue Whiskey Rush	CIX Gas Company LLC	Not less than 1/8	1844/670
Michael Allen and Janis Allen, husband and wife	CIX Gas Company LLC	Not less than 1/8	1844/694
Waynes W. Wilson, Jr. and Susan Wilson, husband and wife	CIX Gas Company LLC	Not less than 1/8	1846/790
Samantha L. Rush	CIX Gas Company LLC	Not less than 1/8	1848/630
Susan Rush Leveille and Robert Leveille, wife and husband	CIX Gas Company LLC	Not less than 1/8	1848/624
Michelle Staggs and John Staggs, wife and husband	CIX Gas Company LLC	Not less than 1/8	1856/414
Gretta Adams and Maeson Adams, wife and husband	CIX Gas Company LLC	Not less than 1/8	1856/418
Dan R. Haight a/k/a Danny Haight and Nancy Jane Haight, husband and wife	CIX Gas Company LLC	Not less than 1/8	1862/817
Marquerite S. Eddy a/k/a Margie Eddy f/a Marguerite Temple	CIX Gas Company LLC	Not less than 1/8	1862/112
Lee E. Delaney and Shannon Delaney, husband and wife	CIX Gas Company LLC	Not less than 1/8	1865/511
Joseph S. Delaney	CIX Gas Company LLC	Not less than 1/8	1865/142
Susan D. Delaney aka Susan Diane Delaney	CIX Gas Company LLC	Not less than 1/8	1865/768
Michael S. Delaney and Susan Delaney, husband and wife	CIX Gas Company LLC	Not less than 1/8	1865/780
William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable Trust dated December 17, 2019	CIX Gas Company LLC	Not less than 1/8	1867/129
Deborah E. Page f/a Deborah E. Watson f/a Deborah Kliner and James R. Page, wife and husband	CIX Gas Company LLC	Not less than 1/8	1864/442
David G. Haight a/k/a David Haight and Martha Ann Haight, husband and wife	CIX Gas Company LLC	Not less than 1/8	1864/538
T.J. Dawson a/k/a Travis Jack Dawson	CIX Gas Company LLC	Not less than 1/8	1864/786
Bonnie Frattini	CIX Gas Company LLC	Not less than 1/8	179/696
Christina Parry f/a Christina Lincoln	CIX Gas Company LLC	Not less than 1/8	179/696
Gregory C. Mason	Northeast Natural Energy LLC	Not less than 1/8	1567/511
Zachary L. Mason	Northeast Natural Energy LLC	Not less than 1/8	1567/446
Bethy Lou Dawson Senter	Northeast Natural Energy LLC	Not less than 1/8	1593/525
Donald G. Dawson	Northeast Natural Energy LLC	Not less than 1/8	1593/527
Dennis B. Haight	Northeast Natural Energy LLC	Not less than 1/8	1697/691
Rebecca H. Cady a/k/a Rebecca Cady	Northeast Natural Energy LLC	Not less than 1/8	1697/689
Christopher M. Mesler	Northeast Natural Energy LLC	Not less than 1/8	1697/693
Northeast Natural Energy LLC	EQT Production Company	Assignment	150/643
EQT Production Company	CIX Gas Company LLC	Assignment	167/577
EQT Production Company	CIX Gas Company LLC	Assignment	168/80
Northeast Natural Energy LLC	EQT Production Company	Not less than 1/8	1789/553
Northeast Natural Energy LLC	CIX Gas Company LLC	Not less than 1/8	1793/472
EQT Production Company	CIX Gas Company LLC	Assignment	167/577
EQT Production Company	CIX Gas Company LLC	Assignment	168/80

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

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

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RE: WDTN18JHSM (47-061-02002) - *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 WDTN18 Marcellus well is in Monongalia County.

CNX would like to use the expedited review process for the WDTN18JHSM modification application and have enclosed a check for \$7,500.00. CNX recently modified the "WDTN18JHSM" in August 2025.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Erika Whetstone', with a stylized flourish at the end.

Erika Whetstone

11/07/2025