

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, August 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

Extended Lateral Length

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.

James A. Martin

Chie

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: 8/4/2025

Promoting a healthy environment.

WW-6B Office (04/15)

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API NO. 47-061 - 02002

OPERATOR WELL NO. WDTN18JHSM

Well Pad Name: WDTN18

WV Department of Environmental Protection

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

l) Well Operator:	CNX G	AS C	OMPA	NY LLC						WADESTOWN
			-		Operator I	D	County	D	istrict	Quadrangle
2) Operator's We	II Number	: <u>WD</u>	TN18J	HSM	W	ell Pad	Name: V	VDTN1	8	
3) Farm Name/Su	ırface Ow	ner: C	ONSOL	MINING C	O.LLC Publ	ic Roa	d Access:	CAMP	RUN R	OAD, CR 4
4) Elevation, curr	ent groun	d: <u>1</u>	199'	E	evation, pro	posed 1	post-const	truction:	1199'	
5) Well Type (a	a) Gas	<u>X</u>		_ Oil		Unde	rground S	Storage		
C	Other		<u> </u>							
(b)If Gas	Shall	low	<u>X</u>	De	ер				
		Hori	zontal	<u>X</u>						
6) Existing Pad: `							-			
7) Proposed Targ	et Format	ion(s),	, Depth	(s), Antic	ipated Thick	iness a	nd Expect	ted Pres	sure(s):	
Target formation									n pressui	re ~4600 psi
8) Proposed Tota	l Vertical	Depth	: <u>784</u>	7' TVD a	t TD, deper	ding c	n formati	ion dip		
9) Formation at T				Marcellu	s Shale (will	not p	enetrate (Ononda	iga)	
10) Proposed Tot	tal Measu	red De	pth: 2	23,817' [MD at TD				_	
11) Proposed Ho	rizontal L	eg Ler	ngth:	15,490'						
12) Approximate	Fresh Wa	ater St	rata De	pths:	103', 111'	, 190',	243', 259	9', 325',	399'	
13) Method to De	etermine I	Fresh V	Water D	epths:	Offset Well	Inform	ation	-		
14) Approximate				•	5', 3210'					
15) Approximate						612'-6	14', 614'-	618', 87	73'-87 <u>8</u> '	, 978'-984'
16) Approximate										
17) Does Proposidirectly overlying	ed well lo	cation	contair	n coal sea				_ No <u>></u>		
(a) If Yes, prov	ide Mine	Info:	Name	: see	mine map					
			Depth	:						
			Seam:							
			Owne	r:						

WW-6B (04/15)

JUL 15 2025

API NO. 47- 061 - 02002

OPERATOR WELL NO. WDTN18JHSM
Well Pad Name: WDTN18

WV Department of Environmental Protection

18)

CASING AND TUBING PROGRAM

ТҮРЕ	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	129	100	127 / CTS
Fresh Water	13.375	New	J-55	54.5	1,106	1,077	783 / CTS
Coal	13.375	New	J-55	54.5	1,106	1,077	783 / CTS
Intermediate	9.625	New	J-55	36	2,718	2,689	896 / CTS
Production	5.5	New	P-110	20	23,817	23,788	4605 / TOC @ 4000'
Tubing	2.375	New	J-55	4.7	Above assumes RF = 29'	TBD	N/A
Liners	N/A						

KLK for GK

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							

PACKERS

Kind:	N/A		
Sizes:			
Depths Set:			

WW-6B (10/14)

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WV Department of

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

Environmental Protection

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.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 28.06
- 22) Area to be disturbed for well pad only, less access road (acres): 24.6

23) Describe centralizer placement for each casing string:

Fresh water string: centralize shoe joint and every other joint to surface - utilize bow spring centralizers. Intermediate string: centralize shoe joint and every 3rd joint to surface - utilize 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.

JUL 15 2025



DRILLING WELL PLAN

WDTN-18J-HSM (Marcellus HZ)

WV Department of Environmental Protection

Marcellus Shale Horizontal

Monongalia County, WV

			THE RESERVE OF THE PARTY OF THE					Monorigana	S. S. SANTANIAN D. SANTAN			
					WDTN	1-18J-H	SM SHL	N 434	1781.73, E 1758404	.89 (NAD27)		
Ground Elevation	1	199' GL E	levation		WDT	N-18J-H	SM LP	N 434	176.06, E 1758910	.03 (NAD27)		
Azimuth		145	•	WDTN-18J-HSM BHL				N 421488.1, E 1767794.24 (NAD27)				
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	Tops	(RKB)	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS		
				MD	MD							
	24"	2011 1 10	Soil and Rock			AIR	To Surface	N/A	N/A	Stabilize surface fill/soil		
	24	20" L/S	Conductor	129	129	AIR			1975			
			DFGW		208		15.8 ppg Class A + 1% to 3% CaCl2	Centralize every 3rd joint from shoe to surface Bow spring centralizers	% CaCl2 joint from shoe to		Set through fresh water zon Set through coal zones	
		13-3/8" 54.5#	Waynesburg Coal		566	AIR /	+ 1% to 3% CaCi2 + 1/4 pps Flake			Ensure the hole is clean at	Cemented to surface	
	17-1/2"	J-55 BTC	Pittsburgh Coal (Solid)		1,006	FW Mist	20% OH Excess		section TD	13-3/8" shoe NOT to be so		
			FW/Coal Casing	1,106	1,106		Yield = 1.19 TOC @ surface			deeper than ground level		
	Upper Freeport Coal 1,579											
			Lower Freeport Coal		1,619							
			Middle Kittanning Coal		1,743		15.8 ppg Class A	surface and e	Centralize every 3rd	Set through potential salt was zones		
	MONE OF THE PERSON	9-5/8" 36.0#	Big Lime		2,217	AIR /	+ 0% to 2% CaCl2 + 1/4 pps Flake		Soap the hole as needed and ensure the hole is	Cemented to surface		
	12-1/4"	J-55 LTC	Keener Sand		2,297	Soap	20% OH Excess		clean at section TD	Casing to be set ~200'-250' b		
			Big Injun Sand		2,443		Yield = 1.19 TOC @ surface			the Big Injun base		
			Price Formation		2,531							
			Intermediate Casing	2,718	2,718	1						
71 15			50 Foot		2,832							
			Gordon		3,143		20 0 000 0					
	8-3/4" Tangent		Fifth		3,242	AIR	15.0 ppg Class A 50:50 Poz		Once at TD, circulate at			
11 11	rungen		Bayard		3,269		with additives (retarder,		max flowrate with max	Note: For all strings, actual		
			Elks		5,596		suspension agent, gas block, defoamer, fluid	Centralize every joint from shoe to KOP -	rotation until shakers clean- up (typically requires	centralizer placements may changed due to hole condit		
		5-1/2" 23.0#	Rhinestreet		6,922		loss, extender, etc.)	TOC Single-piece/rigid bow centralizers	multiple bottoms-up)	Note: For all atriana agree		
		P-110 VAR					10% OH Excess		Once on bottom with	Note: For all strings, actu cement blends may vary sli		
			Burkett		7,609		Yield = 1.07		casing, circulate a minimum	depending upon service con		
	8-1/2" Curve		Tully		7,641	12.0-12.5	TOC @ >= 200' above		of one hole volume prior to pumping cement	utilized		
	& Lateral		Hamilton		3,000	ppg SOBM	9-5/8" shoe					
			Marcellus		7,814							
			Production Casing	23,817	7,847							



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 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 PA DEP notification requirements, CNX will follow the technical guidance provided in *Guidelines for Implementing Area of Review (AOR) Regulatory Requirement for Unconventional Wells* (800-0810-001) regarding Incident Reporting and Resolution.

- · 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.

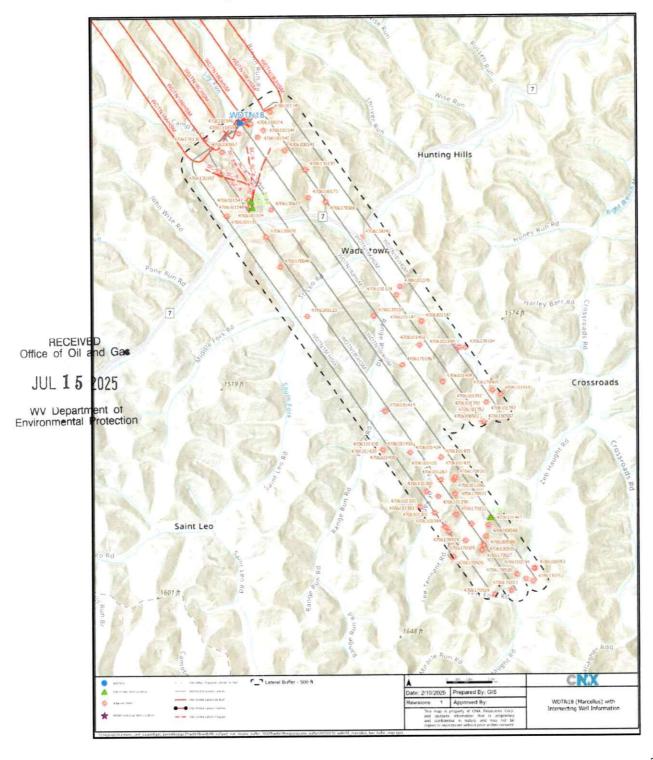
Well Name/API	Formation	Operator	Orientation	Within Zone of Influence	TVD Depth (ft)	
WDTN18AHSM	Marcellus Shale	CNX	Horizontal	Yes	7853	
(47-061-01944)	0					
WDTN18BHSM	Marcellus	CNX	Horizontal	Yes	7867	
(47-061-01945)	Snale	Shale				
WDTN18CHSM	Marcellus	CNX	Horizontal	Yes	7877	
(47-061-01946)	Shale					
WDTN18DHSM	Marcellus	CNX	Horizontal	Yes	7884	
(47-061-01947)	Shale					
WDTN18EHSM	Marcellus	CNX	Horizontal	Yes	7893	
(47-061-01948)	Shale	34-24-4	N. 19 P. S. 11 C. P. S. 12 P.			
WDTN18UHSM	Marcellus	CNX	Horizontal	Yes	7890	
(47-061-01916)	Shale					

JUL 15 2025



WDTN18_M2 Pad AOR / SOG Review Tuesday, February 18, 2025

Figure 3. 73 wells lie within a 500' buffer around the WDTN18_M2 Pad. 28 are Inactive Status, 44 are Plugged and Abandoned, and 1 is Active, Completed, or Drilled. 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.



JUL 15 2025



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

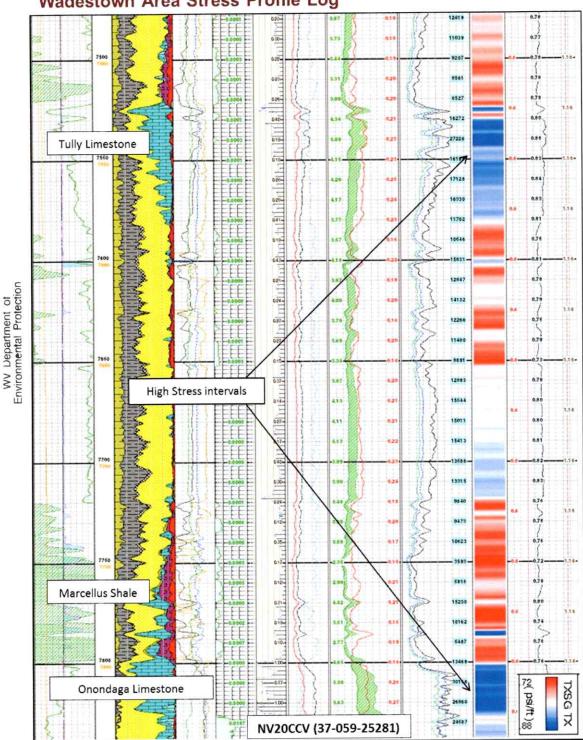
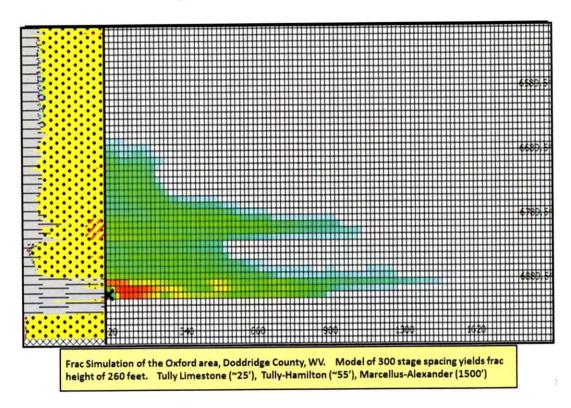






Figure 5. Stratigraphic intervals of high stress should serve as adequate frac barriers for a Marcellus frac. The frac modeling example below is from the Oxford area of western Doddridge County, where the Hamilton and Tully are much thinner than Wadestown. Frac modeling predicts frac height of approximately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



JUL 15 2025

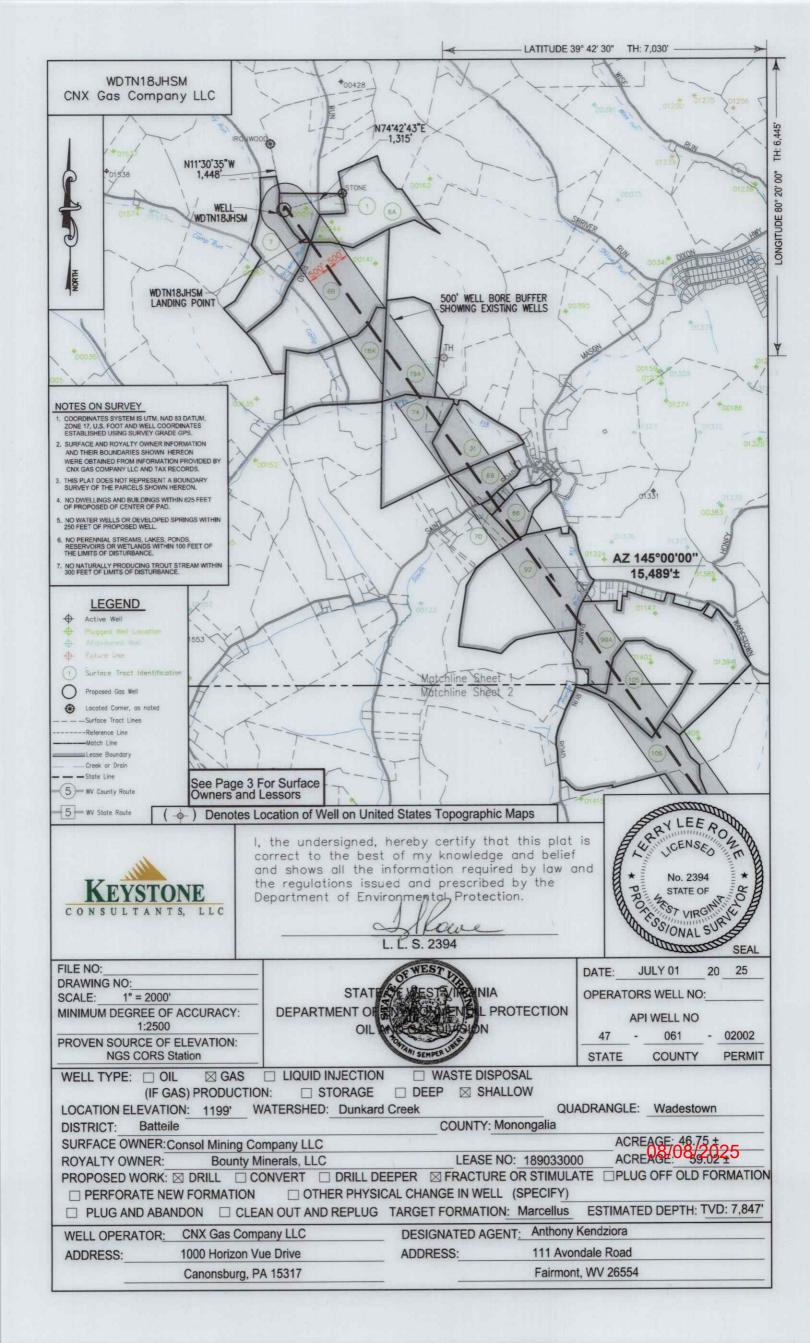


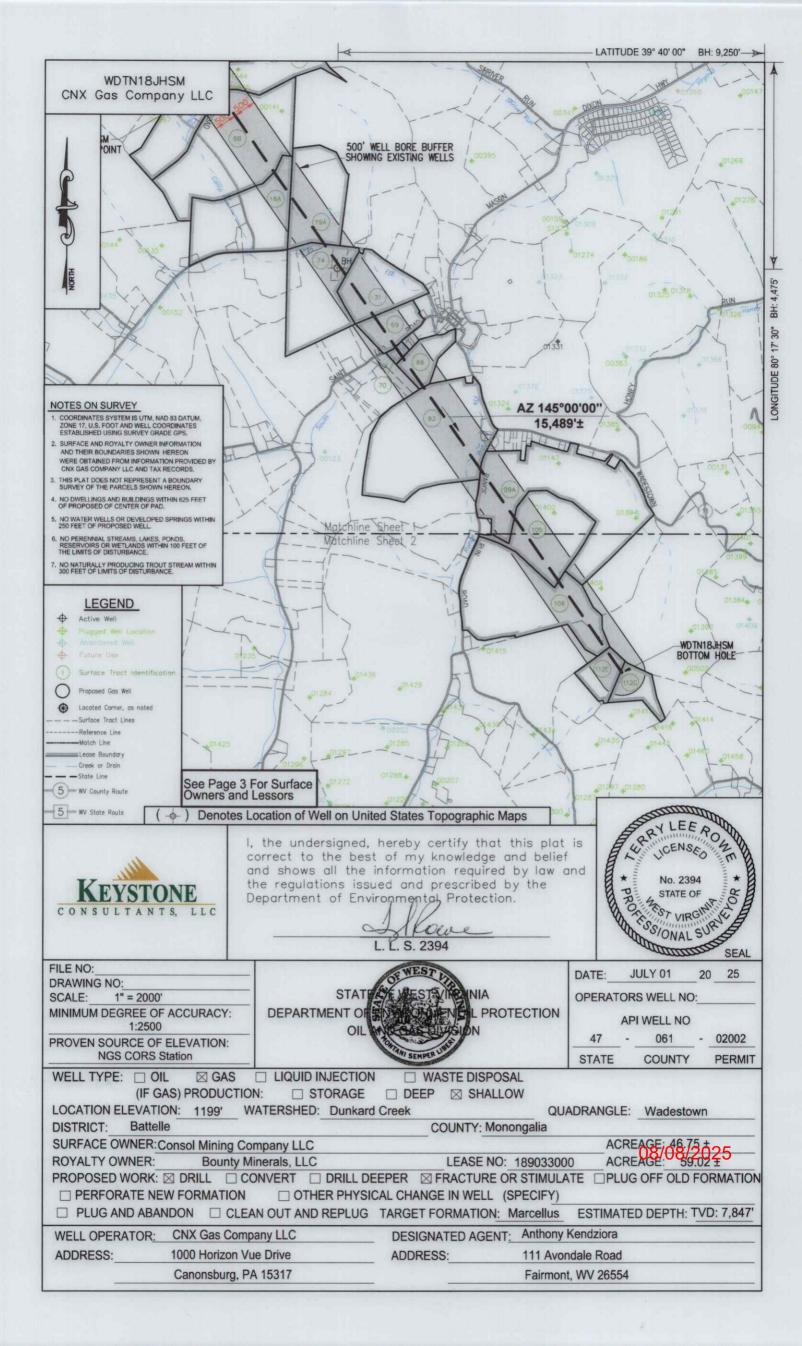


Figure 6. 73 wells lie within a 500' buffer around the WDTN18_M2 Pad. 28 are Inactive Status, 44 are Plugged and Abandoned, and 1 is Active, Completed, or Drilled. The deepest well is 3740' and produces from the Bayard Sand. No known SOG Communication events have occurred in this area. The dashed laterals in the figure below are Pittsburgh Coal seam horizontal laterals at very shallow depths.

A B	С	g	H	Si .	3	K	a	R.	S	T	υ	
API Number - Well Name -	Well Numbe	Current Operator	Fluid Type -	Profile Type	Completion Formatic -	Current Statu	Total Depti	Province Stati		Latitude - WGSB -	Longitude -	WG
4705101545000 CONSOLIDATION COAL COMPAN	9C12A	DIVERSIFIED ENERGY	GAS	V	PITTSBURGH COAL	ACTIVE	1210		MONONGALIA (WV MONONGALIA (WV		-80 355512 -80 332943	
4708101376000 WEWV	05469	CONSOL	GAS CBM	Y.	UNIDENTIFIED COAL	INACTIVE	1210	WEST VIRGINIA	MONONGALIA (WV	38.079800 88.868612	-80 354637	
9708101544000 CONSOLIDATION COAL COMPAN 9708101574000 TERRA FIRMA COMPANY	SC 8A	DIVERSIFIED ENERGY DIVERSIFIED ENERGY	GAS	V	PITTSBURGH COAL	INACTIVE	1250	WEST VIRGINIA	MONONGALIA (WV	39 650422	-80 356551	
4706130159000 W C MASON	SU SA	CARNEGIE NATURAL GAS CO	GAS	ů	FOURTH	INACTIVE	1400		MONONBALIA (WV		-80 337073	
47081301920000	79	BEREN I H	GAS	Ü	BIG INJUN (FRICE&EQ	INACTIVE		WEST VIRGINIA	MONONGALIA (WV	39.685118	-80.347958	
4706130195000 MAHLON TENNANT HEIRS	n	MANUFACTURERS LIGHT & HEAT CO	GAS	U	BAYARD	INACTIVE		WEST VIRGINIA	MONONGALIA (WV	38.884778	-80.381658	
47051302500000	3	INTERSTATE PIPE & SUPPLY	OIL	U	GORDON	INACTIVE		WEST VIRGINIA	MONONGALIA (WV	39.635281	-80.312812	
47081303420000	7	PITTSBURGH & WV GAS	GAS	U	FIFTH	INACTIVE			MONONGALIA (WV		-80 339137 -80 35415	
74708130870000 R S & E CLOVIS		MANUFACTURERS LIGHT & HEAT CO	UNKNOWN	U	BAYARD	INACTIVE			MONONGALIA (WV MONONGALIA (WV		-80 3534	
4708130872000 R S & E CLOVIS	041	MOORE, D. K., ETAL CONSOLIDATION COAL COMPANY	GAS UNKNOWN	Ü	BATARU	INACTIVE		WEST VIRGINIA	MONONGALIA (WV	39 A34991	-80 311687	
4108130712000 HERSCHEL TENNANT (N.A. JOHNS 47081701300000	UN)	OPER IN MIN.OWNER FLD.NO CODE ASSONIORPHAN WELL	LINKNOWN	ü	FIFTH	INACTIVE			MONONGALIA (WV		-80.383724	
4708170160000 E B BELL		PHILADELPHIA COMPANY, THE	UNKNOWN	ŭ		INACTIVE		WEST VIRGINIA	MONONGALIA (WY	39.661153	-80.344767	
74708170194000 M J GARRISON		SOUTH PENN OIL (S. PENN NAT. GAS)	UNKNOWN			INACTIVE			MONONGALIA (WV		-80.32261	
4708170198000 M J & J L GARRISON		gp gp	UNKNOWN		FOURTH	INACTIVE			MONONGALIA (WY		-80.332552	
\$706170201000 AMON JOHNSON		MANUFACTURERS LIGHT & HEAT CO	UNKNOWN			INACTIVE			MONONBALIA (WV		-80.315096	
4705170540000 HOMER TENNANT		PHILADELPHIA OIL CO	UNKNOWN			INACTIVE			MONONGALIA (WY		-80.3519 -80.318304	
4708170908000 ERVINE TENNANT		(N/A)	UNKNOWN			INACTIVE		WEST VIRGINIA	A MONONGALIA (WY A MONONGALIA (WY	30,000320	-80.324122	
4706170920000 GOLDEN TOOTHMAN		(NA) (NA)	UNKNOWN			INACTIVE		WEST VIRGINIA	MONONGALIA (WY	15 845550	-80.324122	
4706170921000 CONSOL COAL 4706170922000 CONSOL COAL		(NA)	UNKNOWN	11		INACTIVE			MONONGALIA (W)		-80 323936	
4708170923000 CONSOL COAL		(NA)	UNKNOWN	Ü		INACTIVE			MONONGALIA (WY		-80.321495	
4708170924000 CONSOL COAL		N/A)	UNKNOWN	U		INACTIVE		WEST VIRGINIA	MONONBALIA (WY	39.640913	-80.325062	
4705170925000 CONSOL COAL		(N/A)	UNKNOWN	U		INACTIVE			MONONGALIA (W)		-80.322433	
\$4708170926000 CONSOL COAL		(N.A)	UNKNOWN	U		INACTIVE			MONONBALIA (WV		-80.324311	
4708170927000 CLAY CARPENTER		(N/A)	UNKNOWN			INACTIVE			A MONONGALIA (WA A MONONGALIA (WA		-80.319806 -80.314176	
4105170928000 CLAY CARPENTER		MANUFACTURERS LIGHT & HEAT CO	UNKNOWN	U		INACTIVE INACTIVE			MONONBALIA (W)		-80.317742	
4108170929000 CLAY CARPENTER	1-2810	(N/A) MANUFACTURERS LIGHT & HEAT CO	UNKNOWN	U	BIG INJUN (PRICE&EQ	INACTIVE B # A	3185	WEST VIRGINIA	MONONBALIA (W)	19 897774	-80.361097	
747061000670000 M.L. SHRIVER ESTATE 74706100074000 TENNANT, LEMLEY	5255	PITTSEURGH & WV GAS	GAS	V.	THIRTY-FOOT	PAA	3355		MONONGALIA (WY		-80.356592	
4708100123000 GUMP, ODELL N	5600	PENN-ILL OIL & GAS	GAS	V	PITTSBURGH COAL	FSA	3315	WEST VIRGINIA	MONONGALIA (WY	39.867268	-80 347589	
4705100135000 SHRIVER, ADA	3818	A V COMPANY	GAS	V	PITTSBURGH COAL	PEA	3354	WEST VIRGINIA	MONONBALIA (W)	39.679387	-80.360346	
4708100141000 SHRIVER, CHARLES F.	1-3632	A V COMPANY	WATER	V	BAYARD	F&A	3740	WEST VIRGINIA	A MONONBALIA (WY	39.687472	-80 351244	
74706100171000 BELL, ERNEST	7	COMO GAS	GAS	V	BAYARD	P&A	3293		MONONBALIA (W)		-80 347464	
4706100502000 EASTERN ASSOC. COAL	F2-449	EASTERN ASSOCIATED COAL/PEABODY COAL CO	GAS	V		F&A		WEST VIRGINA	A MONONBALIA (W) A MONONBALIA (W)	39.054412	-80.319618 -80.319618	
4706100502000 EASTERN ASSOC. COAL	F2-449	EASTERN ASSOCIATED COAL/PEABODY COAL CO- CONSOLIDATION COAL COMPANY	GAS UNKNOWN	v		PSA		WEST VIRGINIA	A MONONGALIA (W)	250.004412 20.441704	-80 318889	
4705100580000 EFAW, F.M.	4116 4117-A	CONSOLIDATION COAL COMPANY	UNKNOWN	V		PSA			MONONGALIA (W)		-80 319555	
#4706100585000 N.J. #1 #4706100585000 N.J. #1	4117-8	CONSOLIDATION COAL COMPANY	UNKNOWN	v		P&A		WEST VIRGINIA	MONONGALIA (W)	39 840433	-80 319191	
\$4708100593000 JOHNSON, NANCY A	7578	CONSOLIDATION COAL COMPANY	UNKNOWN			PSA		WEST VIRGINIA	MONONGALIA (W)	39.63666	-80.311381	
74706100594000 JOHNSON, NANCY A.	7575	CONSOLIDATION COAL COMPANY	OIL	V	FOURTH	PSA	3225		A MONONBALIA (W)		-80.311549	
74708100594000 JOHNSON, NANCY A.	7578	CONSOLIDATION COAL COMPANY	OIL	V	FOURTH	FSA	3225		MONONGALIA (W)		-80.311549	
4705191049900 CONSQLIDATION COAL CO.	4138	CONSOLIDATION COAL COMPANY	UNKNOWN	V		P&A			MONONGALIA (W)		-80.325625	
*4708101145000 HAINES, E	2505	A V COMPANY	GAS	V	FIFTH	P&A	3471		A MONONGALIA (WA A MONONGALIA (WA		-80 35359 -80 329555	
4706101147000 GARRISON HEIRS	2797	EASTERN ASSOCIATED COAL PEABODY COAL CO	GAS GAS	V	UNDETERMINED UNIT	PAA	3439 3439		MONONGALIA (W)		-80 329586	
74705101147000 GARRISON HEIRS 74705101280000 CONSOLIDATION COAL	*2797 *4343	EASTERN ASSOCIATED COAL-PEABODY COAL CO CONSOLIDATION COAL COMPANY	UNKNOWN	V	DUDE LEHMINED DALL	PSA	0400		MONONGALIA (W)		-80.324311	
4708101287000 TAYLOR, KEITH E.	4342	CONSOLIDATION COAL COMPANY	UNKNOWN	V		PSA			MONONGALIA (W)		-80 328375	
4705101299000 TAYLOR, KEITH E.	4143	CONSOLIDATION COAL COMPANY	UNKNOWN	V		PAA			MONONGALIA (W)		-80 32675	
4706101300000 TAYLOR, KEITH E.	74144	CONSOLIDATION COAL COMPANY	UNKNOWN			P & A	3098		MONONGALIA (W)		-80.328627	
74708101301000 BREIDING, GEORGE D	74146	CONSOLIDATION COAL COMPANY	GAS	V	GORDON	PSA	3194		A MONONGALIA (W)		-80 329586	
4708101301000 BREIDING, GEORGE D.	4145	CONSOLIDATION COAL COMPANY	GAS	V	GORDON	P & A	3194		A MONONGALIA (W)		-80.329565	
4706101301000 BREIDING, GEORGE D.	4145	CONSOLIDATION COAL COMPANY	GAS	V	SORDON	PAA	3194	WEST VIRGINIA	A MONONGALIA (W) A MONONGALIA (W)	/ 39.643962	-80 329565 -80 327313	
4705101302000 BREIDING, GEORGE D.	4147	CONSOLIDATION COAL COMPANY	UNKNOWN	Y	UNDETERMINED UNIT	P & A P & A	3455		MONONGALIA (W)		-80 327813 -80 333509	
4708101324000 L WILSON	A1355	EASTERN ASSOCIATED COAL/PEASODY COAL CO EASTERN ASSOCIATED COAL/PEASODY COAL CO	GAS	V	PITTSBURGH COAL	FSA	3439		MONONGALIA (W)		-80 319243	
*T06101392000 GODBY, MICHAEL W *T06101392000 GODBY, MICHAEL W	F2-448 F2-448	EASTERN ASSOCIATED COAL/PEABODY COAL CO	GAS	V	PITTSBURGH COAL	PAA	3439	WEST VIRGINI	A MONONGALIA (W)	39.656878	-BO 31B243	
4706101392000 GODBY, MICHAEL W	F2-448	EASTERN ASSOCIATED COAL/PEASODY COAL CO	GAS	V	PITTSBURGH COAL	F&A	3439	WEST VIRGINIA	A MONONGALIA (W)	39.656878	-80.319243	
4705101392000 GODBY, MICHAEL W	FZ-448	EASTERN ASSOCIATED COAL/PEABODY COAL CO	GAS	V	PITTSBURGH COAL	FSA	3439	WEST VIRGINA	MONONGALIA (W)	39.656878	-80 319243	
4106101394000 BAIRD, BETTY	F2-446	EASTERN ASSOCIATED COAL/PEASODY COAL CO	UNKNOWN	V		FSA		WEST VIRGINIA	A MONONGALIA (W)	/ 39.663555	-80.323559	
4706101402000 BAJRD, BETTY	F2-473	EASTERN ASSOCIATED COAL/PEABODY COAL CO	UNKNOWN	V		P & A		WEST VIRGINA	MONONGALIA (W)	39.663817	-80 329871	
4T08101408000 TOOTHMAN, VERNON	F2-465	EASTERN ASSOCIATED COAL/PEABODY COAL CO	UNKNOWN	V		PAA	3550		MONONGALIA (W)		-80.325185 -80.335188	
4708101415000 BARR, EVERETT	1F-18925	EASTERN ASSOCIATED COAL PEABODY COAL CO	UNKNOWN	V	PITTSBURGH COAL	P&A P&A	3355	WEST VIRGING	A MONONGALIA (W) A MONONGALIA (W)	1 30.000 / / / 1 30.000 / / /	-80.335574	
4708101430000 SPEARS, WILLIAM	F2-493	EASTERN ASSOCIATED COAL PEABODY COAL CO	OIL	V	PITTSBURGH COAL	FAA	3365	WEST VIRGINIA	A MONONGALIA (W)	19 650920	-80 335574	
4706101430000 SPEARS, WILLIAM 4706101430000 SPEARS, WILLIAM	F2-493 F2-493	EASTERN ASSOCIATED COAL/PEASODY COAL CO. EASTERN ASSOCIATED COAL/PEASODY COAL CO.	OIL	V	PITTSBURGH COAL	PAA	3366		A MONONGALIA (W)		-80 335574	
4705101430000 SPEARS, WILLIAM 4705101430000 SPEARS, WILLIAM	F2-493	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	OIL	V	PITTSBURGH COAL	PAA	3366	WEST VIRGING	A MONONGALIA (W)	39.850928	-80.335574	
4708101434000 BROWN, EDWARD	F2-485	EASTERN ASSOCIATED COAL PEABODY COAL CO.	UNKNOWN	V		FEA		WEST VIRGINIA	A MONONGALIA (W	39.650638	-80.331253	
\$706101435000 BROWN, EDWARD	F2-487	EASTERN ASSOCIATED COAL/PEASODY COAL CO	OIL & GAS	V	PITTSBURGH COAL	FAA	3527	WEST VIRGINA	A MONONGALIA (W)	39.850058	-80.325374	
4708101438000 BROWN, EDWARD	F2-487	EASTERN ASSOCIATED COAL/PEABODY COAL CO.	OIL & GAS	V	PITTSBURGH COAL	P&A	3527	WEST VIRGINIA	A MONONGALIA (W)	39.650058	-80.326374	
4706101435000 BROWN, EDWARD	F2-487	EASTERN ASSOCIATED COAL/PEASODY COAL CO.	OIL & GAS	V	PITTSBURGH COAL	F&A	3527	WEST VIRGINA	A MONONGALIA (W)	39.850058	-50 325374	
4705101447000 CONSOLIDATION COAL COMPANY	L-32	CNX	GA5	V	PITTSBURGH COAL	F&A	1020	WEST VIRGINIA	A MONONGALIA (W)	39.542577	-80.318475	
74708101547000 TERRA FIRMA COMPANY	SCE	CNX	GAS	V		CANCELLED		WEST VIRGINA	A MONONGALIA (W) A MONONGALIA (W)	7 39.561334	-80 35585 -80 355533	
4706101548000 TERRA FIRMA COMPANY	SCEA	CNX	GAS UNKNOWN	Y		CANCELLED EXPIRED PERI			A MONONGALIA (W) A MONONGALIA (W)		-80 300033 -80 31699	
4T05101410000 WOODRUFF, MARY JANE	F2-470	EASTERN ASSOCIATED COAL/PEASODY COAL CO.	DIMENANTIAN	W.		ENTIRED FERI	PR 4	Treat VIRGINIA	MANAGERIA (M)	44.441070	-90 0 TUDO	

JUL 15 2025

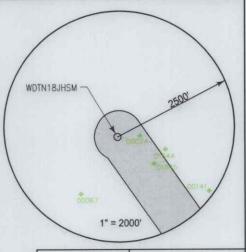


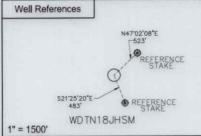


WDTN18JHSM CNX Gas Company LLC

PAGE 3 OF 5

TRACTID	SURFACE OWNER	LESSOR	PIN
1	Consol Mining Company LLC	Eastern Associated Coal Corporation	1-9-38 1-9-37
TRACT ID	SURFACE OWNER	LESSOR	PIN
6A	CONSOL Mining Company LLC	Virgie Shriver, et al	1-12-8
		Eastern Associated Coal Crop.	
		CNX Gas Company LLC	
		Consolidation Coal Company	
TRACTID	SURFACE OWNER	LESSOR	PIN
68	CONSOL Mining Company LLC	Virgle Shriver, et al	1-12-8
		Eastern Associated Coal Crop.	
		CNX Gas Company LLC	
		Consolidation Coal Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
7	Consol Mining Company LLC	Bounty Minerals, LLC	1-9-37
		Bounty Minerals III Acquisitions, LLC	
		LOUA Drilling I, LLC	
		Rice Drilling 8, LLC	





cit	REACE HOLE LOCATION (SHL)
all	UTM 17 NAD 83
-	N: 4393618.62
	F: 555020.62
Н	NAD 83, WV NORTH
П	N: 434819.106
	E: 1726968.024
	LAT/LON DATUM NAD 83
	LAT: 39"41'26.293"
	LON: 80°21'29.935"
	LANDING POINT
	UTM 17 NAD 83
	N: 4393436.66
	E: 555177.60
	NAD 83, WV NORTH
ľ	N: 434213.421
	E: 1727473.139
	LAT/LON DATUM NAD 83
	LAT: 39"41'20.354"
	LON: 80°21'23,399"

BOTTOM HOLE LOCATION (BHL)
UTM 17 NAD 83
N: 4389616.24 E: 557948.74
NAD 83, WV NORTH
N: 421525,312
E: 1736356.854
LAT/LON DATUM NAD 83
LAT: 39°39'15.778" LON: 80°19'28.269"



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

9	PRY LE	ERO	A WE *
* PRO	No. 22 STATE OCCUPANTAL	394 OF RGINIA	POR *
A	SOIONA	LSUR	SEAL
	ILII Y 01	20	25

FILE NO: DRAWING NO: SCALE: 1" = 1000' MINIMUM DEGREE OF ACCURACY: 1:2500 PROVEN SOURCE OF ELEVATION: NGS CORS Station	STATE OF MEST DIREMNIA DEPARTMENT OF THE MEST DIREMNIA OIL MICHAEL SILVERION OIL MICHAEL SILVERION	DATE: JULY 01 20 25 OPERATORS WELL NO: API WELL NO 47 - 061 - 02002 STATE COUNTY PERMIT				
WELL TYPE: OIL GAS (IF GAS) PRODUCTION: LOCATION ELEVATION: 1199' W DISTRICT: Battelle	☐ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ STORAGE ☐ DEEP ☒ SHALLOW ATERSHED: Dunkard Creek ☐ COUNTY: Monongalia	QUADRANGLE: Wadestown				
SURFACE OWNER: Consol Mining Company LLC ROYALTY OWNER: Bounty Minerals, LLC 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 Compa ADDRESS: 1000 Horizon Vu Canonsburg, PA	Drive ADDRESS: 111 A	ny Kendziora vondale Road nont, WV 26554				

WDTN18JHSM CNX Gas Company LLC

PAGE 4 OF 5

TRACT ID	SURFACE OWNER	LESSOR	PIN 1-12-10
18A	David E. Van Scyoc	Three Rivers Royalty II, LLC	1-12-10 1-12-10.1 1-12-11 1-12-11.1 1-12-11.2
			1-12-11.2
		WhiteHawk Income Marcellus LLC	
		David A. Joliffe and Donna Sue A. Jolliffe Lisa Ellen May and Gary A. May	
		Jeff T. Delaney	
JV GILLI		Martha A. Pryor a/k/a Martha Ann Pryor by Robert Owens as Agent	
		Lee E. Delaney Joseph S. Delaney	17.78
		Nancy Paulovicks and Jay E. Paulovicks, wife and husband	
		Michael S. Delaney	
		Earlene Owens and Robert Owens, wife and husband W. James Shannon	12 62
		Clarence Park and Linda S. Park, husband and wife	
		Linda L. Park Nola Chisler and Charles D. Chisler, wife and husband	DI -155
		Jay Park and Carolyn S. Park, husband and wife	
		Martha Ann Prince	
	and the second second second	Mary Ellen Bell Larry L. Delaney	
		Shawn Delaney	100
		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	
		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	
	and the second s	Christopher Lance Clovis Bruce Scott Carpenter and Patricia S. Carpenter, individually and as husband and wife	
		Patti Carpenter Patti Carpenter	
		Bruce P. Carpenter	
		Jeannine Osmanski and Robert E. Osmanski, individually and as husband and wife NNE Properties II LLC	
		Willa Jo Neely	
		Robert L. Hess	
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	The same
	Maria and the second second	Rice Drilling B, LLC	
	Annual Control of the Stephen	SWS Holding LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
31	John and Joann King Irrevocable	Frust Debra Lynn Lundgren EQT Production Company	1-13-7
		Eq. Frouderion 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		
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 Delber	-
		Union Baptist Church by its Trustees, Roy Dale Chisler and Jackie Miller	
Market Street		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.
			1-12-35 1-12-35.1 1-12-35.3
192		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	
and the second second		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	3/08/20
		Robin L. Clovis Wade, f/k/a Robin Lynn Clovis Clinton Alan Clovis a/k/a Clint Clovis	3 <mark>/08/20</mark>
		Robin L. Clovis Wade, f/k/a Robin Lynn Clovis Clinton Alan Clovis a/k/a Clint Clovis Christopher Lance Clovis	3/08/20
		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	3/08/20
		Robin L. Clovis Wade, f/k/a Robin Lynn Clovis Clinton Alan Clovis a/k/a Clint Clovis Christopher Lance Clovis	3/08/20



47 - 061 - 02002

STATE COUNTY

PERMIT

WDTN18JHSM CNX Gas Company LLC

PAGE 5 OF 5

92	SURFACE OWNER CNX RCPC LLC	LESSOR Terrance W. Mason	1-13-15
92	CNA HCPC LLC	Tetrance w. Moson	1-13-15.1
			1-13-15.2
		Debra L. Frazier	1.13.153
		Detra L Frader	-
RACT ID	SURFACE OWNER	LESSOR	PIN
99A	Betty S. Baird	William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable	1-18-3
		Trust dated December 19, 2019 Masonic Charity Foundation of Oklahoma f/k/a Most Worshipful Grand Lodge of Ancient	
		Free and Accepted Masons of the State of Oklahoma	
		Northwest National Community	
		Northeast Natural Energy LLC EQT Production Company	To a law
	College of the later of the lat		
RACTID	SURFACE OWNER	LESSOR	PIN 1-18-23.
105	Betty S. Baird	Northeast Natural Energy LLC EQT Production Company	1-18-23.:
and the same of		Est Frederich company	
RACT ID	SURFACE OWNER	LESSOR	PIN
106	John B. Koch, et al	Gary L. Truce, single John B. Koch, a married man, dealing with his sole and separate property	1-18-23
		Loretta Koch, widow	
		Thomas W. Koch, single	
		Paul V. Leach, a married man, dealing with his sole and separate property	V-1-
RACT 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
		· · · · · · · · · · · · · · · · · · ·	DIN
RACT ID	SURFACE OWNER Thomas O. Brinegar III, et al	LESSOR Thomas E. Walker and Shirley S. Walker, husband and wife	PIN 1-18-39
112G	thomas O. Dimegar III, et al	Margaret E. Williams	2.000
		Charles R. Delaney	
		George William Cummins, Jr Mike Ross, Inc	
		James A. Grimm	
		Mark McCann and Patricia McCann, husband and wife	THE STATE OF
		Sarah G. Klucker and Robert L. Klcuker, 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	CHARLES
		John Milush	
		Carol Ann Byard	
		Wilma Gale Parry	
4000		Daniel J. Nabuda	
		Kirchgessner Consulting Group, LLC Larry Delaney	
nace college	and a first transfer of the second	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	1000
		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	The Part
		David G. Haught a/k/a David Haught and Martha Ann Haught, husband and wife	
1036 30		T.J. Dawson a/k/a Travis Jack Dawson Jason Ratliff	-
		Bonnie Frattini	
		Christina Parry f/k/a Christina Lincoln	
		Granav C Maran	
		Gregory C. Mason Zachary L. Mason	270 200
		Betty Lou Dawson Senter	
1500		Donald G. Dawson	
		Dennis R. Haught Rebecca H. Cady a/k/a Rebecca Cady	
		Chistopher M. Mesler	134,61
		Connie C. Sutton	
		Donna C. Miller	
		Quentin Dale Knight Northeast Natural Energy LLC	
		EQT Production Company	
			-
		Northeast Natural Energy LLC Northeast Natural Energy LLC	

08/08/2025



API WELL NO
47 - 061 - 02002

STATE COUNTY PERMIT

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

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

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

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

SEE ATTACHED

RECEIVED
Office of Oil and Gas

JUL 15 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

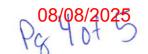
	At	tachment - Form	WW-PW-TIOL WESTWINSTON				
- 1001 00	5 (03 YES 12	-1-1	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Parcel	Title Opinion QLS #	4400		NX Gas Company LLC	Fee	1267/233
1	1-9-38	203527000	Consol Mining Company LLC E	astern Associated Coal Corporation	na das company co-		
	1-9-37				Grantee, Lessee, etc	Royalty	Book/Page
Tract ID		Title Opinion	Surface Owner	Grantor, Lessor, etc			
6A	Parcel 1-12-8	QLS # 189034000		rigie Shriver, et al	astern Associated Coal Crop. NX Gas Company LLC	Fee Deed	690/228 1267/233
					onsolidation Coal Company	Deed	1295/417
				Consolidation Coal Company CC	NX Gas Company LLC	Deed	1300/1
			2.2	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner			***	690/228
6B	1-12-8	189034000		rifgie Stiffver, et al	astern Associated Coal Crop. NX Gas Company LLC	Fee Deed	1267/233
				CNX Gas Company LLC	Consolidation Coal Company	Deed Deed	1295/417 1300/1
				Consolidation Coal Company	NX Gas Company LLC	Deed	1300/2
	T M 0	Title Opinion	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map & Parcel	QLS#		8 08	LOLA Drilling I, LLC	Not less than 1/8	1586/325
7	1-9-37 1-12-7	189033000	Consol Mining Company LLC	bounty minerals, etc.		25	
	1-12-7			bounty minerals in requisitions, see	LOLA Drilling I, LLC Rice Drilling B, LLC	Not less than 1/8 Assignment	1586/328 133/752
					CNX Gas Company LLC	Assignment	159/809
				SOPHICE STREET	Country Laure etc	Royalty	Book/Page
Tract ID	Tax Map &	Title Opinion	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	in terri	
18A	1-12-10	QLS # 189035000	David E. Van Scyoc	Three Rivers Royalty II, LLC	CNX Gas Company LLC	Not less than 1/8	1881/47
	1-12-10.1						
	1-12-11						
	1-12-11.2						
	1-12-11.3				CNX Gas Company LLC	Not less than 1/8	1881/728
				David A. John E and Donna See 14 John 19	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1634/90 1636/305
					CNX Gas Company LLC	Not less than 1/8	1623/268
				Martha A. Pryor a/k/a Martha Ann Pryor by Robert Owens as Agent	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1622/364 1625/455
					CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1625/450
				Nancy Paulovicks and Jay E. Paulovicks, wife and husband	CNX Gas Company LLC	Not less than 1/8	1622/379 1625/445
					CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1622/374
	-	CEIVED Oil and		W. James Shannon	CNX Gas Company LLC	Not less than 1/8	1622/369
	REC	Cil and	Ga s	Clarence Park and Linda 5. Park, Itasballo and Wile	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1852/638 1852/728
Of	fice of	OII allo		Linda L. Park Nola Chisler and Charles D. Chisler, wife and husband	CNX Gas Company LLC	Not less than 1/8	1856/236
		2.3		Jay Park and Carolyn S. Park, husband and wife	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1858/456 1875/224
	11.11	1 5 207	25	Martha Ann Prince Mary Ellen Bell	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1875/251
	JUL	10 -		Larry L. Delaney	CNX Gas Company LLC	Not less than 1/8	1874/779
		epartmen	t of	Shawn Delaney	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1874/801
	WY D	epartmen nental Pro	ntection	Charles R. Delaney George William Cummins Jr	CNX Gas Company LLC	Not less than 1/8	1874/773
-	nvironm	nental Fil	J.0-	Hillary L. Clovis and Kristen Clovis, her wife	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1850/826 1850/821
C	114113			Jeremy J. Clovis and Wendy Clovis, his wife Josh Clovis a/k/a Joshua Clovis and Chastity Clovis, his wife	CNX Gas Company LLC	Not less than 1/8	1850/816
				Chelsa D. Kolb n/k/a Chelsa Hagedorn and Kevin Hagedorn, her husband	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1850/831 1852/681
				Rodney A. Clovis	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1855/709
				Robin L. Clovis Wade, f/k/a Robin Lynn Clovis Clinton Alan Clovis a/k/a Clint Clovis	CNX Gas Company LLC	Not less than 1/8	1856/386
				Christopher Lance Clovis	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1855/352 1527/680
				Bruce Scott Carpenter and Patricia S. Carpenter, individually and as husband and wift Pattl Carpenter	CNX Gas Company LLC	Not less than 1/8	1527/684
				Bruce P. Carpenter	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1527/688 1527/692
				Jeannine Osmanski and Robert E. Osmanski, individually and as husband and wife NNE Properties II LLC	CNX Gas Company LLC	Not less than 1/8	1881/53
					CNX Gas Company LLC	Fee	1630/837
				Willa Jo Neely Robert L. Hess	CNX Gas Company LLC	Fee	1648/665
					Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map &		Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc.		
19A	1-12-9	QL5 # 189650000	Ralph Six	Bounty Minerals, LLC	LOLA Drilling 1, LLC	Not less than 1/8 Not less than 1/8	1586/4 1586/7
				Bounty Minerals III Acquisitions, LLC LOLA Drilling 1, LLC	LOLA Drilling 1, LLC Rice Drilling B, LLC	Assignment	133/752
				Rice Drilling B, LLC	CNX Gas Company LLC	Assignment	153/774
				Rice Orilling B, LLC	CNX Gas Company LLC	Assignment	159/809
				SWS Holding LLC	CNX Gas Company LLC	Not less than 1/8	1731/823
				***************************************	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc			
31	1-13-7	205022000	John and Joann King Irrevocable	Debra Lynn Lundgren	EQT Production Company	Not less than 1/8	1554/238
			Trust	EQT Production Company	CNX Gas Company LLC	Assignment	159/809
					Comment to the state	Royalty	Book/Page
Tract ID		Title Opinion	Surface Owner	Grantor, Lessor, etc.	Grantee, Lessee, etc		
66	Parcel 1-13-11	QLS # 205023000	Jessica L. Waddell, et al	Bounty Minerals LLC	CNX Gas Company LLC	Not less than 1/8	1829/729
_		Tiele Oninian	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc.	Royalty	Book/Page
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner			Not less than 1/8	1862/137
69	1-13-8	205021000	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 	CNX Gas Company LLC	THE SEE STREET AND	
Tract IC	Tax Map &	Title Opinion	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	Parcel	QLS #		Bula Baptist Church by its Trustees, George Sanders, Randy Stiles, Francis Haught	CNX Gas Company LLC	Not less than 1/8	1741/226
70	1-13A-1	241792000	Roger Leo Wade, et ux	and Delbert Corder			1741/220
				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 5	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1644/156
				West Warren Baptist Church by its induces, dreg shriver, normalicate, and form.			
Tract II	Tax Map &		Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	Parcel	QLS #				00	JAL

74	p/o 1-12-	189035000	David E. Van Scyoc	Martha Sue Kerr	CNX Gas Company LLC	Not less than 1/8	1601/629
/-	34.1						
	1-12-35						
	1-12-35.1						
	1-12-35.3				162	Not less than 1/8	1601/634
				Larry A. Kerr	CNX Gas Company LLC	Not less than 1/8	1527/680
				Bruce Scott Carpenter and Patricia S. Carpenter, individually and as husband and wif	CNX Gas Company LLC	Not less than 1/8	1527/684
				Patti Carpenter	CNX Gas Company LLC	Not less than 1/8	1527/688
				Bruce P. Carpenter	CNX Gas Company LLC	Not less than 1/8	1527/692
				Jeannine Osmanski and Robert E. Osmanski, individually and as husband and wife	CNX Gas Company LLC	Not less than 1/8	1516/44
				Jack K. Lemley	CNX Gas Company LLC	Not less than 170	1855/44
					NATIONAL PROPERTY AND ADDRESS OF THE PARTY O	Not less than 1/8	1829/722
				Bounty Minerals, LLC	CNX Gas Company LLC	Not less than 1/8	1850/826
				Hillary L. Clovis and Kristen Clovis, her wife	CNX Gas Company LLC	Not less than 1/8	1850/821
				Jeremy J. Clovis and Wendy Clovis, his wife	CNX Gas Company LLC	Not less than 1/8	1850/816
				Josh Clovis a/k/a Joshua Clovis and Chastity Clovis, his wife	CNX Gas Company LLC	Not less than 1/8	1850/831
				Chelsa D. Kolb n/k/a Chelsa Hagedorn and Kevin Hagedorn, her husband	CNX Gas Company LLC	Not less than 1/8	1852/681
				Rodney A. Clovis	CNX Gas Company LLC	Not less than 1/8	1855/709
				Robin L. Clovis Wade, f/k/a Robin Lynn Clovis	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1856/386
				Clinton Alan Clovis a/k/a Clint Clovis	CNX Gas Company LLC	Not less than 1/8	1855/352
				Christopher Lance Clovis	CNX Gas Company LLC		1881/53
				NNE Properties II LLC	CNX Gas Company LLC	Not less than 1/8	1001/33
						fee	1630/837
				Willa Jo Neely	CNX Gas Company LLC	Fee	1648/665
				Robert L. Hess	CNX Gas Company LLC	ree	2040,000

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				Control Lorent Mar	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc		Not less than 1/8	1523/115
92	1-13-15	205030000	CNX RCPC LLC	Terrance W. Mason	NX Gas Company LLC	HOLIESS CHAIL TA	
	1-13-15.1						
	1-13-15.3			Debra L. Frazier	CNX Gas Company LLC	Not less than 1/8	1523/118
					Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map &	Title Opinion QLS #	Surface Owner	Grantor, Lessor, etc			1748/626
99A	Parcel 1-18-3	299601000	Betty S. Baird	William E. King and M. Cynthia Darmart, Hartest	CNX Gas Company LLC	Not less than 1/8	1748/626
				Irrevocable Trust dated December 19, 2019 Masonic Charity Foundation of Oklahoma f/k/a Most Worshipful Grand Lodge of	CNX Gas Company LLC	Not less than 1/8	1837/523
				Ancient Free and Accepted Masons of the State of Oklahoma			
					EQT Production Company	Not less than 1/8 Agreement	1789/553 1879/739
				EQT Production Company	CNX Gas Company LLC	Agreement	
Tract ID	Tax Map &	Title Opinion	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	Parcel	QLS#	Betty 5. Baird		EQT Production Company	Not less than 1/8	1789/553
105	1-18-23.3	263721000	petty 3. band	EQT Production Company	CNX Gas Company LLC	Agreement	1879/739
	T 44 0	Title Opinion	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map & Parcel	QLS #		2	CNX Gas Company LLC	Not less than 1/8	1652/91
106	1-18-23	263720000	John B. Koch, et al	John B. Koch, a married man, dealing with his sole and separate property	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1651/735 1651/788
					CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1654/570
				Paul V. Leach, a married man, dealing with his sole and separate property	CNX Gas Company LLC	Not less than 1/8	1656/765
02-00/2		Title Onleien	Surface Owner	Grantor, Lessor, etc.	Grantee, Lessee, etc	Royalty	Book/Page
Tract ID	Tax Map & Parcel	Title Opinion QLS #			CNX Gas Company LLC	Not less than 1/8	1836/326
112E	1-18-36	298932000	Thomas O. Brinegar III, et al	Thomas E. Walker and Shirley S. Walker, husband and wife			n - 1 /n
Tract ID	Tax Map &	Title Opinion	Surface Owner	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
112G	Parcel 1-18-39	QL5 # 298932000	Thomas O. Brinegar III, et al	Thomas E. Walker and Shirley S. Walker, husband and wife	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1836/326 1847/447
				Margaret E. Williams Charles R. Delaney	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1843/587
				George William Cummins, Jr	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1843/575 1846/695
				Mike Ross, Inc James A. Grimm	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1848/648
				Mark McCann and Patricia McCann, husband and wife	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1844/664 1836/346
				Sarah G. Klucker and Robert L. Klcuker, wife and husband Robert D. Gribbins and Felicia M. Gribbins, husband and wife	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1839/627
				Karin L. McKisson	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1846/682 1847/521
				Mariene Kay Hyett John Richard Thralis	CNX Gas Company LLC	Not less than 1/8	1847/463
				Catherine M. Monell	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1847/469 1858/379
				Lavere J. Mason Revocable Trust Melissa Dawson	CNX Gas Company LLC	Not less than 1/8	1867/725
				Josh Dawson	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1867/163 1871/599
				Chad A. Wilson Mary Jane Shriver	CNX Gas Company LLC	Not less than 1/8	1865/786 1862/118
				Henry E. Brewer Edward E. Brewer a/k/a Edward Brewer and Bonnie Brewer, husband and wife	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1867/123
						No. 1 1/8	1865/798
	OECEI\	and Ga		Billy L. Brewer a/k/a Billy Brewer and Barbara L. Brewer, husband and wife	CNX Gas Company LLC	Not less than 1/8	
2/5/200	of Oil	and Ga		Janet L. Shiflet	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1865/792 1865/804
DiffCe	, 0,			Linda L. Oswald f/k/a Linda L. Shirner Charles F. Phillips and Sara V. Phillips a/k/a Sara Phillips, husband and wife	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1865/774
	1 1	2025			CNX Gas Company LLC	Not less than 1/8	1871/793
JI	JL I	1000		Randy D. Hanning Nicole R. Mattingly a/k/a Nikki Mattingly	CNX Gas Company LLC	Not less than 1/8	1828/193
		-4		Shawn Delaney	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1828/215 1828/769
43	IV Depa	artment of	tion	Sally Anne Byard Mercer a/k/a Sally Ann Mercer Jerry Francis Byard	CNX Gas Company LLC	Not less than 1/8	1829/748 1831/462
=nvi	ronmen	artment of tal Protect		John Milush	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1834/566
-				Carol Ann Byard Wilma Gale Parry	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1835/445 1835/433
				Daniel J. Nabuda Kirchgessner Consulting Group, LLC	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1836/340
				Larry Delaney	CNX Gas Company LLC	Not less than 1/8	1822/687 1837/661
				Stacey Mitchell Richard D. Repasky	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1837/667
				Julia M. Repasky	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1841/180 1838/364
				Nicholas Parry Asa Earl Byard	CNX Gas Company LLC	Not less than 1/8	1828/181
				Constance Sue Whipkey Rush	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1844/670 1844/694
				Michael Allen and Janis Allen, husband and wife Waymen W. Wilson, Jr. and Susan Wilson, husband and wife	CNX Gas Company LLC	Not less than 1/8	1846/790 1848/630
				Samantha L. Rush Susan Rush Levelle and Robert Levelle, wife and husband	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1848/624
				Michelle Skaggs and John Skaggs, wife and husband	CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1856/414 1856/418
				Gretta Adams and Manson Adams, wife and husband Dan R. Haught a/k/a Danny Haught and Nancy Jane Haught, husband and wife	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8	1862/817
					CNX Gas Company LLC	Not less than 1/8	1862/112
				Marguerite S. Eddy a/k/a Margie Eddy f/k/a Marguerite Temple Lee E. Delaney and Shannon Delaney, husband and wife	CNX Gas Company LLC	Not less than 1/8	1865/511
				Joseph S. Delaney	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	1865/442 1865/768
				Susan D. Delaney aka Susan Diane Delaney Michael S. Delaney and Susan Delaney, husband and wife	CNX Gas Company LLC	Not less than 1/8	1865/780 1867/129
				William E. King and M. Cynthia Barnhart, Trustees of the John and Joann King Irrevocable Trust dated December 17, 2019	CNX Gas Company LLC	Not less than 1/8	
				Deborah E. Page f/k/a Deborah E. Watson f/k/a Deborah Kisner and James R. Page	, CNX Gas Company LLC	Not less than 1/8	1864/441
				wife and husband David G. Haught a/k/a David Haught and Martha Ann Haught, husband and wife	CNX Gas Company LLC	Not less than 1/8	1868/538
					CNX Gas Company LLC	Not less than 1/8	1864/786
				T.J. Dawson a/k/a Travis Jack Dawson Jason Ratliff	CNX Gas Company LLC	Not less than 1/8	1868/526
				Bonnie Frattini	CNX Gas Company LLC CNX Gas Company LLC	Not less than 1/8 Not less than 1/8	179/696 179/696
				Christina Parry f/k/a Christina Lincoln			
				Gregory C. Mason	Northeast Natural Energy LLC Northeast Natural Energy LLC	Not less than 1/8 Not less than 1/8	1567/511 1567/446
				Zachary L. Mason Betty Lou Dawson Senter	Northeast Natural Energy LLC	Not less than 1/8	1593/525 1593/527
				Donald G. Dawson	Northeast Natural Energy LLC Northeast Natural Energy LLC	Not less than 1/8 Not less than 1/8	1697/691
				Dennis R. Haught Rebecca H. Cady a/k/a Rebecca Cady	Northeast Natural Energy LLC	Not less than 1/8	1697/689 1697/693
				Chistopher M. Mesler Connie C. Sutton	Northeast Natural Energy LLC Northeast Natural Energy LLC	Not less than 1/8 Not less than 1/8	1588/438
				Donna C. Miller	Northeast Natural Energy LLC	Not less than 1/8 Not less than 1/8	1586/568 1591/723
				Quentin Dale Knight Northeast Natural Energy LLC	Northeast Natural Energy LLC EQT Production Company	Assignment	159/643
				A DECORDED TO THE TOTAL SECTION OF THE SECTION OF T			



EQT Production Company

Northeast Natural Energy LLC Northeast Natural Energy LLC EQT Production Company CNX Gas Company LLC

EQT Production Company EQT Production Company CNX Gas Company LLC Agreement

Not less than 1/8 Not less than 1/8 Agreement 1070/730

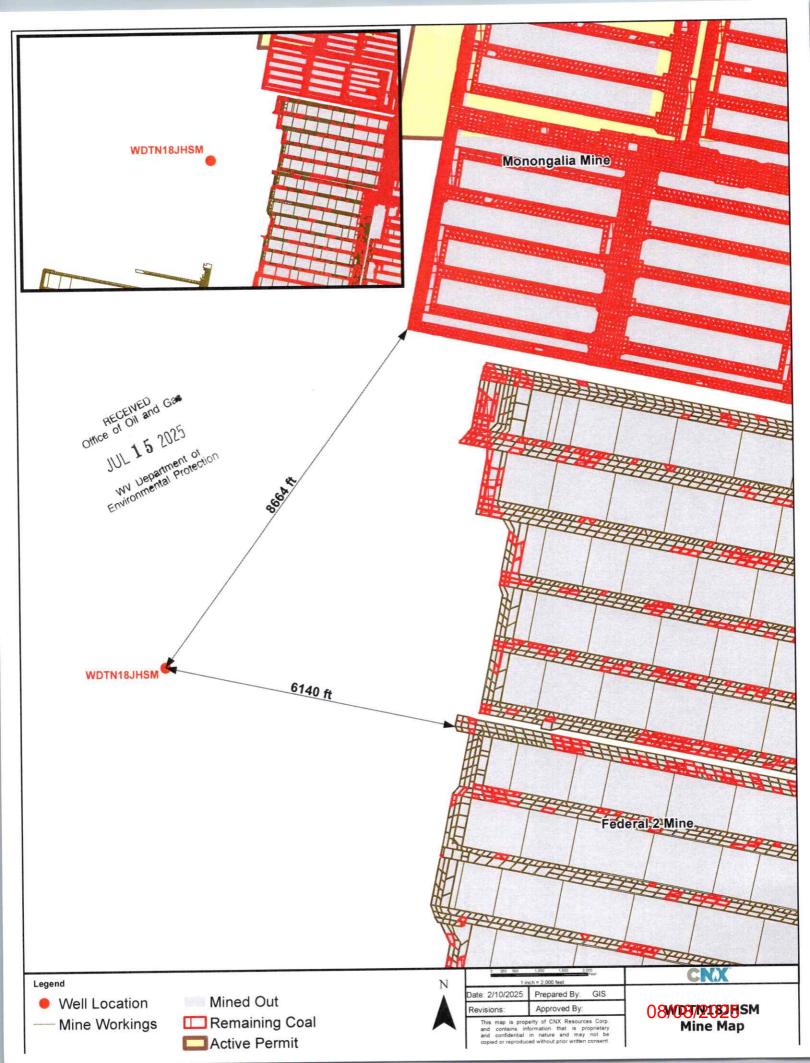
1789/553 1793/472 1879/739

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WV Department of Environmental Protection

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

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Office of Oil and Gas

JUL 15 2025

WV Department of Environmental Protection

July 2, 2025

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

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 previously permitted the "WDTN18JHSM" in April 2025.

(K#214005251

AMT \$ 7,500.00

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

Sincerely,

Erika Whetstone

08/08/2025