

west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Thursday, September 27, 2018 NOTICE OF PERMIT CANCELLATION Horizontal 6A / New Drill

CNX GAS COMPANY LLC POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit cancellation for WDTN5AHSU

47-061-01805-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-061-01805-00-00 , has been received by the Office of Oil and Gas. The permit has been cancelled as of 9/27/2018 .

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

James A. Martin

Chief

Operator's Well Number: WDTN5AHSU

Farm Name: JOHN M WISE, ET UX., ET AL.

U.S. WELL NUMBER: 47-061-01805-00-00

Horizontal 6A New Drill Date Cancelled: 9/27/2018

Rhodes, Jacob K

From: Brewer, Charles T

Sent: Friday, September 14, 2018 12:02 PM
To: Whetstone, Erika; Adkins, Laura L
Cc: Hoon, Raymond; Rhodes, Jacob K

Subject: RE: Hold Request

I will get with Jacob and have him return the applications. Thanks.

Taylor Brewer, B.S., M.S. Assistant Chief - Permitting WVDEP Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 304-926-0499 ext. 1547

From: Whetstone, Erika < Erika Whetstone@cnx.com>

Sent: Friday, September 14, 2018 11:58 AM

To: Brewer, Charles T < Charles.T.Brewer@wv.gov>; Adkins, Laura L < Laura.L.Adkins@wv.gov>

Cc: Hoon, Raymond < Raymond Hoon@cnx.com>

Subject: RE: Hold Request

Good afternoon,

CNX Gas Company, LLC would like to withdraw the following applications that were submitted for review:

Well "WDTN5AHSU" API# 47-061-01805 Well "WDTN5CHSU" API# 47-061-01807

Please let me know if you need any additional information or documentation.

Erika

Erika Whetstone

CNX | Permitting Manager WV/OH CNX Center | 1000 CONSOL Energy Drive | Canonsburg, PA 15317 (724) 485-4035 –w | (724) 317-2224 –m

From: Brewer, Charles T < Charles.T.Brewer@wv.gov>

Sent: Thursday, August 30, 2018 12:39 PM

To: Adkins, Laura L < Laura.L.Adkins@wv.gov >
Cc: Whetstone, Erika < ErikaWhetstone@cnx.com >

Subject: Fwd: Hold Request

Laura, can you please see that these go on hold?

Sent from my iPhone

Begin forwarded message:



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-926-0499 Ext 1274

Barry K. Lay, Chairman dep.wv.gov

July 24, 2018

Department of Environmental Protection Office of Oil and Gas Charleston, WV 25304

RE: Application for Deep Well Permit - API #47-061-01805

COMPANY: CNX Gas Company, LLC

FARM: WDTN5AHSU

COUNTY: Monongalia DISTRICT: Battelle QUAD: Wadestown

The deep well review of the application for the above company is Approved to drill to the Point Pleasant for completion. Pooling Docket No. 264-253

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1. Comments to Notice of Deviation filed? None
- Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners? yes
- 3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells: none
- 4. Provided a plat showing that the proposed location is a distance of 400+ feet from the nearest lease line or unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Administrator

201 KOSE

WW-6B (04/15) 4706101805 API NO. 47- - 09/28/2018

OPERATOR WELL NO. WDTN5AHSU
Well Pad Name: WDTN5

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

1) Well Operat	tor: CNX Gas C	ompany LLC	494458046	Monongalia	Battelle	Wadestown
			Operator ID	County	District	Quadrangle
2) Operator's V	Well Number: WI	OTN5AHSU	Well Pa	ad Name: WDTI	N 5	
3) Farm Name	/Surface Owner:	Wise	Public Ro	ad Access: CR6	Wise Ru	n
4) Elevation, c	urrent ground:	1400 E	levation, proposed	l post-construction	on: 1389	
5) Well Type	(a) Gas X Other	Oil	Uno	lerground Storag	ge	
	(b)If Gas Sha	llow	Deep	Χ		
	Hor	izontal X		H 0	M	4/4/201
6) Existing Pac	d: Yes or No No			Daymed.	for P	714 con
			cipated Thickness		ressure(s):	
Point Pleasa	ant, Top=13,270', 7		formation pressure	e ~12,000 psi		RECTIVED Gas
8) Proposed To	otal Vertical Depti				Offi	RECHIVED Gas
9) Formation a	t Total Vertical D	epth: Point Ple	easant		A	OR 6 2018
10) Proposed 7	Total Measured De	epth: 21,228'				arm-partment of
11) Proposed F	Horizontal Leg Le	ngth: 7,390'			Envi	ronmental Flotton
12) Approxima	ate Fresh Water S	rata Depths:	125', 1070'			
13) Method to	Determine Fresh	Water Depths:	Depth of bit when wa	ater shows in flowling	ne or depth v	when misting is required
14) Approxima	ate Saltwater Dept	hs: 2180', 2625	5'			
15) Approxima	ate Coal Seam De	pths: 709', 970'	, 1,058', 1,063'			
16) Approxima	ate Depth to Possi	ble Void (coal m	ine, karst, other):	None anticipat	ed	
	osed well location ing or adjacent to		ms Yes	No	x	
(a) If Yes, pro	ovide Mine Info:	Name:				
44		Depth:				
		Seam:				
		Owner:				

WW-6B (04/15)

API NO. 47-_____ 09/28/2018

OPERATOR WELL NO. WDTN5AHSU

Well Pad Name: WDTN5

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	26	N	L/S	99.0	129	100	CTS 122CF
Fresh Water	18.625	N	J-55	87.5	1409	1380	CTS1724CF
Coal	18.625	N	J-55	87.5	1409	1380	CTS 1724CF
Intermediate	13.375	N	J-55	61.0	3084	3055	CTS 2190CF
Intermediate	9.625	N	P-110	43.5	12083	12054	TOC@2855, 2888CF
Production	5.5	N	Q-125	23.0	21257	21228	TOC@7500, 3254CF
Tubing	2.375	N	J-55	4.7			

Liners

N/A

Ham J thit 4/4/2018

ТҮРЕ	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.375	N/A	N/A	Type 1	1.18
Fresh Water	18.625	24	0.435	2250	<500	Class A	1.19
Coal	18.625	24	0.435	2250	<500	Class A	1.19
Intermediate	13.375	17.5	0.430	3090	<2475	Class A	1.19
Intermediate	9.625	12.25	0.435	8700	<7000	Class A	2.03 / 1.24
Production	5.5	8.5	0.415	16510	~12500 during frac	Class H	1.24
Tubing	2.375	N/A	0.190	7700	N/A	N/A	N/A
Liners	N/A						

PACKERS

DECEIVED
Office of Oil and Gas
WV Department of

WW-6B	
(10/14)	

API NO. 47	09/28/2018
OPERATOR WEL	L NO. WDTN5AHSU
Well Pad Name	: WDTN5

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Construct well pad and access road. Utilize conductor rig to set 26" conductor into solid rock and cement back to surface. MIRU drilling rig. Air drill 24" hole. Run and cement 18-5/8" fresh water/coal 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 17-1/2" hole. Run and cement 13-3/8" 1st intermediate casing. Air drill 12-1/4" hole (this section is typically directionally drilled with a slant or S-turn profile for anti-collision and for lateral spacing). Displace hole with 12.5 ppg SOBM. Run and cement 9-5/8" 2nd intermediate casing. Drill 8-1/2" production hole from casing shoe to curve KOP. Drill 8-1/2" curve from KOP to landing point. Plan to land with 14.0-14.5 ppg SOBM. Continue drilling 8-1/2" lateral to TD (geosteer this section to remain in target window). Perform clean-up cycle to condition well. Run and cement 5-1/2" production casing. Suspend well and skid to next well or RDMO drilling rig.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Run CBL to ~60 degrees in the curve and back to surface to determine production casing TOC. Test production casing and toe prep well. MIRU stimulation/hydraulic fracturing equipment. Fracture well by pumping required number of stages utilizing plug-and-perf method. Max anticipated treating pressure is ~12,500 psi and max anticipated treating pump rate is 80-90 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): 46.90
- 22) Area to be disturbed for well pad only, less access road (acres): 5.4
- 23) Describe centralizer placement for each casing string:

Fresh water/coal string: centralize shoe joint and every 3rd joint to surface - utilize bow spring centralizers. Intermediate strings: centralize shoe joint and every 3rd joint to surface and/or TOC - utilize bow spring centralizers. Production string: centralize every joint from shoe to KOP and then every 3rd joint from KOP 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. 1st intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. 2nd intermediate string: Class A cement, lead and tail with dry blend and/or liquid additives. Production string: Class H cement or Class H:Poz blend with dry blend and/or liquid additives including retarder, RECEIVED suspension agent, gas block, defoamer, fluid loss control, extender, dispersant, anti-settling agent. Actual cement blends may vary class slightly depending upon cementing service company utilized.

25) Proposed borehole conditioning procedures:

WV Dupartment of nvironmental Protection

Top hole 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 12-1/4" hole - load hole with 12.5 ppg SOBM and circulate hole clean. 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.

WDTN5 Cement Additives

- Fresh water/coal string: Class A cement with 1%-3% CaCl2 and 1/4 pps cello-flake/LCM.
- Intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM.
- Production string: Class 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.

RECTIVED
Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection



DRILLING WELL PLAN

WDTN-5A-HSU (Utica HZ)

Utica Shale Horizontal

Monongalia County, WV

					1.555	2.500-255-2	HSU SHL		528.56, E 1764407	
Ground Elevation	1	390' GL E	Elevation		WE	TN-5A-	-HSU LP	N 440	273.28, E 1763352	.21 (NAD27)
Azimuth		315	°		WD	TN-5A-I	HSU BHL	N 445	499.01, E 1758126	.49 (NAD27)
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	MD	TVD	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
	30"	26" L/S				AIR	To Surface	N/A	N/A	Stabilize surface fill/soil
	4		Conductor	100	100					
			Shallowest Fresh Water		125		15.6 ppg Class A	C	Creation and the	Set through FW & coal zones Cemented to surface
	24"	18-5/8" 87.5#	Waynesburg 1 Coal		709	AIR/	20% OH Excess	Centralize every 3rd joint from shoe to	Ensure the hole is clean at	Cemented to surface
		J-55 BTC	Pittsburgh Coal		1063	FW Mist	Yield = 1,19 TOC @ surface	surface (bow spring)	section TD	18-5/8" shoe NOT to be set
			FW/Coal Casing					deeper than ground level		
			Big Lime		2475		15.6 ppg Class A	A THE STATE OF		Set through potential salt water
MIII IIII	17-1/2"	13-3/8" 61,0#	Big Injun		2565	AIR/	20% OH Excess	Centralize every 3rd joint from shoe to	Soap the hole as needed and ensure the hole is clean	zones Cemented to surface
	17-172	J-55 BTC	Price		2805	Soap	Yield = 1.19 TOC @ surface	surface (bow spring)	at section TD	Casing to be set ~200'-250' belo
			1st Intermediate Csg	3055	3055		TOC @ surface			the Big Injun base
711 111			Gordon		3390		Bedring Toll			
1011 110			Elks	5165	Lead:12.5 ppg Class A Yield = 2.03			10-11-00 PM		
			Tully		7530		TOL @ >= 200' above 13-3/8" shoe	Centralize every 3rd joint from shoe to TOC	Ensure the hole is clean at section TD	Casing to be set ~100' TVD in the Reedsville Note: For all strings, actual centralizer placements may be changed due to hole condition
			Marcellus		7670					
			Onondaga		7740		Tail:15,2 ppg Class A			
	12-1/4"	9-5/8" 43.5# P-110 LTC	Salina		8620	AIR / Brine	Yield = 1.24 TOT @ ~1000' above 9- 5/8" shoe		Load hole with SOBM prior to running casing	
	1 2 2	P-110LIC	Lockport		9365	brine		(bow spring)	to running casing	
			Tuscarora	10590		400/ 011 5		Displace cement with SOBM	Note: For all strings, actual ceme blends may vary slightly dependi	
The state of the s			Queenston		10840		10% OH Excess		SOBIN	upon service company utilized
			Reedsville		11860		TOC @ >= 200' above 13-3/8" shoe			
83 182		1	2nd Intermediate Csg	12054	11960		13-3/6 Shoe			
A. S.			Utica	14110	13130		15.6 ppg Class H	Centralize every joint	Once at TD, circulate at m	ax flowrate with max rotation until
9 88	8-1/2" Curve	5-1/2" 23.0#	Point Pleasant		13270	14.0-14.5	10% OH Excess	from shoe to KOP		ly requires multiple bottoms-up).
LP@	& Lateral	Q-125 VAR	Production Casing	21228	13335	ppg SOBM	Yield = 1,24 TOC @ ~7500'	(single-piece/rigid bow centralizers)		g, circulate a minimum of one hole to pumping cement.

Operator's Well No. wdtn5 A HSU

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX Gas Company, LLC OP Code 494458046
Watershed (HUC 10) Dunkard Creek Quadrangle Wadestown
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
Will a pit be used? Yes No 🗸
If so, please describe anticipated pit waste: no pits
Will a synthetic liner be used in the pit? Yes No If so, what ml.? NA APR 6 2018
Proposed Disposal Method For Treated Pit Wastes: APR 6 2018
Land Application WV Department of Environmental Professional Prof
Underground Injection (UIC Permit Number 47-001-00561, 47-097-01514, 47-097-01613, 34-013-2-0609)
Reuse (at API Number WDTN2 wells API TBD Off Site Disposal (Supply form WW-9 for disposal location)
Other (Explain No Pits
Will closed loop system be used? If so, describe: Yes
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical art from spud/surface to curve kick-off point (KOP).
-If oil based, what type? Synthetic, petroleum, etc. Synthetic
Additives to be used in drilling medium? Bactericide, Polymers, and Weighting Agents
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Land Application of soil conductor cuttings only, rock cuttings will be taken to an approved Landfill
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A
-Landfill or offsite name/permit number? See attached.
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any
West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.
man preparty dispersed.
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the
provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable
law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this
application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for
obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.
Company Official Signature // Boymond Hoop
Company Official (Typed Name) Raymond Hoon
Company Official Title Supervisor - Permitting
Subscribed and sworn before me this day of dril , 20 COMMONWEALTH OF PENNSYLVANIA
Notary Public Notary Public Notary Public Richhill Twp., Greene County
My commission expires LIVILIANY 23, 2019 My Commission Expires Feb. 23, 2019 Member, Pennsylvania association of Notarie
MEMBER, FERROLLIAMA ASSOCIATION

Lime according to pH test Tons/acre or to correct to pH 7.0 Fertilizer type 10-20-20 Fertilizer amount 500	Toposed Revegention Treasur	nent: Acres Disturbed 46	6.90 Prevegetation	_{pH} 6.5
Fertilizer amount 500 Ibs/acre Mulch hay or straw @ 2 Tons/acre Seed Mixtures	Lime according to pH t	test Tons/acre or to correct	et to pH	
Seed Mixtures Temporary Permanent Seed Type lbs/acre Seed Type lbs/acre Orchard Grass 25 Orchard Grass 25 Birdsfoot Trefoil 15 Birdsfoot Trefoil 15 Ladino Clover 10 Ladino Clover 10 Attach: Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been rovided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), are acreage, of the land application area. Photocopied section of involved 7.5' topographic sheet.	Fertilizer type 10-20	0-20		
Seed Mixtures Temporary Seed Type Ibs/acre Seed Type Ibs/acre Orchard Grass 25 Orchard Grass 25 Birdsfoot Trefoil 15 Birdsfoot Trefoil 15 Ladino Clover 10 Ladino Clover 10 Attach: Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), are acreage, of the land application area. Photocopied section of involved 7.5' topographic sheet.	Fertilizer amount 50	0	lbs/acre	
Seed Type lbs/acre Seed Type lbs/acre Orchard Grass 25 Orchard Grass 25 Birdsfoot Trefoil 15 Birdsfoot Trefoil 15 Ladino Clover 10 Ladino Clover 10 Attach: Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), are acreage, of the land application area. Photocopied section of involved 7.5' topographic sheet.	Mulch_ hay or stra	w @ 2	_Tons/acre	
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Title: Tospeta Date: 4/4/2018	Maps(s) of road, location, pit provided). If water from the pacreage, of the land application Photocopied section of involve Plan Approved by:	it will be land applied, incon area. Ted 7.5' topographic sheet.	clude dimensions (L x W x D) of the pit, a	Office APR Environm

Disclaimer: Vendors have been approved for the below category by ENV. UPDATED AGREEMENT with MSCM MUST BE CONFIRMED.

Republic Services (Albed \ Industrial Landfills	A'astel		Gas Spec	cific Waste	Streams		Other Accepted Waste Streams									
Landfill	Location		Drill *	Waste	Waste	Contaminated Soil (Including Petroleum)	Construction &	Industrial Waste	Studge	Friable Asbestos	Non-Friable Anhestos	Process	Solidification Services	Municipal Solid Waste	Contact Information	
McLenn County	Hjöamington	IIL.		X		X	X	X	X	X	X	X	1000	X Y		
ERC/Coles County	Charleston	IL.	X	X		X	X	X	X	X	X	X	-	Ŷ	4	
Bricky ard Disposal	Danville	IL.	X	X	Charles of the last of the las	x	X	X	Х	X	X	x		Y	4	
outhern Illinois Regional	De Soto	IL.		Committee and the same of	F-107777			Marie Committee			Description of the last	A STATE OF THE PARTY OF THE PAR		X	1	
ee Courry	Dixon		X	X		X	X	X	X	X	X	X		X	1	
Joper Rock Island	East Moline	IL	X	X		X	X	X	X	X	X	X	SECTION AND DESCRIPTION AND DE	X	1	
Bond County	Greensville	n.	X 1	X		X	X	Х	X	X	X	X		X	1	
Minois	Hospeston	П.	X	X		Х	X	X	X	X	X	X		X	1	
LandComp	LaSalle	IL	X	X		X	X	X	X	X	X	X		X	317-921-1667 or 480-627-2700	
Litchfield-Hillsboro	Litchfield	IL.	X	X		X	X	х	Х	X	X	X		X	1-800-634-0215	
Environtech	Morris	IL	X	X		X	X	X	Х	X	X	X	Contract of	X	1	
Livingston	Pontiac	IL	X	X		X	X	X	X		X	X		X	1	
exena	Roxana	IL	X	X		X	X	X	X	X	X	X	X	X	1	
angamog Valle	Spring field	IL	X	X		X	X	X	Х	X	X	X		X	1	
Benson Valley	Pranicfort	KY	X	X		Х	Х	X	X	X	X	X	-	X	1	
lue Ridge	Irvine	KY	X	х		X	X	X	X	X	X	X	A LONG BURNEY	X	1	
forehead	Morehead	KY	X	X	1 - 1 - 1	х	X	X	X	X	X	X		X	1	
irem Valley	Rush	KY	X	X		X	X	X	X	X	X	X	X	X	1	
herokee Run	Bellefontaine	OH				X	X	х	X		X	X	A	X		
/illiams County	Bryan	OH	1000	1 (10)		X	Х	X	X	X	X	X	Water Street, Street, or other party of the last of th	X		
county Environmental	Carty					X	X	X	COLUMN TO SERVICE		X	X		X	1	
elina	Celina	OH		Delicate T	distribution in	X	X	X	X	No. Control	X	X		X	1	
arbon-Limestone**	Lowellville	OH	X	X		X	X	X	X		BM (Fileson)	X	X	X	Jack Palermo:	
Countywide Landfilles	East Sparta	OH	X	X	No line	X	X	X			Sept Constitution in			Y		
orain County	Oberlin	OH				X	X	X	X			X	STREET, STREET	X	work: 330-536-8013	
akland Marsh	Shiloh	OH			Control of the last		X	X	X	X	X		Street Street Street	X	cell: 330-806-9660	
nperial	Imperial	PA				х	X	X	X	X	X			x		
onestoga	Morgantown	PA		Toronto de		X	X		X	X	X	X		X	Barbara Harsanye:	
nunswick	Lawrenceville	VA				X	X	X	X	X	X	X	AND DESCRIPTION OF THE PERSON NAMED IN	X	work: 330-536-8013 x 120	
ing and Oueen	Little Plymouth	VA VA	STATE OF THE PARTY OF	W 1		х	X	X	X	X	X	×	-	X	cell: 330-423-7267	
ld Dominion	Richmond	VA			Charles and	X	X	X	X	X	X	X		Y	120	
camore	Hurricane	WV	100			X	X	X	X	ADDRESS OF THE PARTY.		X	-	Ŷ		
hort Creek	Wheeling (Short Creek)	WV	X	X	(S)(S)(S)(S)(S)(S)(S)(S)(S)(S)(S)(S)(S)(X	X	X	X	1	-	X	-	X		
arter Valley	Church Hill	ITN					THE RESERVE OF THE PERSON NAMED IN			All the same of				-0		

Environmental purificition

Waste Management Industrial Landfills				offic Waste S	Streams		Other Accepted Waste Streams										
Landfill	Location		Detil * Cuttings	Waste Linera	Waste Brine	Contaminated Soll (Including Petroleum)	Construction & Demolition Waste	Industrial Waste	Sludge	Friable Asbestos	Non-Friable Asbestos	Process Waste	Solidification Services	Municipal Solid Waste	Contact Information		
Actes Landfill	Washington	PA	X	X		X	X	X	X			X	X	X			
South Hills (Amoni)	South Park	PA	X	X			X	X	X			X	X	X			
Kelly Run	Elizabeth	PA	X	X		X	X	X	Χ			X	X	X			
Valky Landfill	Irwin	PA	X	X		х	X	X	X	X	X	X	X	X	Scott Allen: 412-604-2256		
Evergreen Landfill	Blairsville	PA	X	X		Х	X	X			CONTRACTOR !		REPORT CONTRACTOR	X			
Charleston Landfill Kanawha County	Charleston	WV	x	x		x	x	x	x	2000		x		х			
Meadowfill Landfill	Bridgewe	WY	X	х		X	X	X	X	X	X	x	X	X			
Northwestern Landfill	Parkersburg	WV	X	X		X	X	X	X	Emple Services		X	X	X			
S&S Gradin: Landfill	Clarksburg	WV	X	X		X	X	X	X			X		X			
merican Landfill	Way nesbure	011	X	X		X	X	X	X	X	X	х	X	X			
Suburban RDF	Glenford	OB	X	X		X	X	X	X	X	X	X	X		Patty Landolt: 252-532-8001		
Coshocton Landfill***	Coshocton	OH	X	X		X	X	X					AND DESCRIPTION OF THE PERSON NAMED IN		John Miller: 1-800-963-4776		
fahoning Landfill	New Springfield	OH	X	X		X	X	X			X	X		×			

Additional Landfills		Gas Specific Waste Streams Other Accepted W							d Waste Stream	ma				San 11	
Landfill	Location		Drill* Cuttings	Waste Liners	Waste Brine	Contaminated Soil (Including Petroleum)	Construction & Demolition Waste	Industrial Waste	Sladge	Friable Asbestos	Non-Friable Asbestos	Process Waste	Solidification Services	Municipal Solid Waste	Contact Information
Westmoreland Waste (WWLC Group)	111 Conner Lane, Belle Vernon, PA 15012	PA	x	х		x	x	х	х	x	х		x	Y	Mike Horne: 412-552-4427 Mark Thomas: 724-929-7694
MAX Environmental Bulger Pacility)	200 Max Drive, Bulger, PA 150)9	PA	x	х		x	х	х	х	3-3			х		Carl Spedaro: 412-343-4900
MAX Environmental Yuken Facility)	233 MAX Lane Yukon, PA 15698	PA	х	х		x	x	х	X			June 1	x	х	cell: 412-445-9789
Apex Sanitary landfill Apex Environmental)	11 County Road 78 Amsterdam, Ohio 43903	ОН	х	х		х	х	х	х		fr. a 1		x		Joe Teterick: 740-275-2887
Rumpke, Mt. Sterling Rumpke Consolidated)	30 Larison Rd, Jeffersonville, KY 40337	KY	x	х		x	x	х		x	x			х	Carl Walter: 513-623-2471
Laurel Ridge Landfill Waste Connections of KV	3512 E State Highway 552 Lily, KY 40740	KY	x	x		x	х	х		х	х	x		х	Bruce Crouch: Work: 606-864-7996 Cell: 606-219-0261
	Chestaut Valley 1184 McClellandtown Rd, McClellandtown, PA 15458	PA	х	х		х	х	х	x					x	Tony Labonne
Advanced Disposal	Greentree Landfill; 635 Toby Rd.; Kersey, PA	PA	x	x		х	x	x	х					х	6184 Route 219, Brockway, PA 1582 814-590-9906
	Mosteller Landfill; 7035 Olades Pike Rd.; Somerset, PA	PA	x	x		х	x	x	x					x	

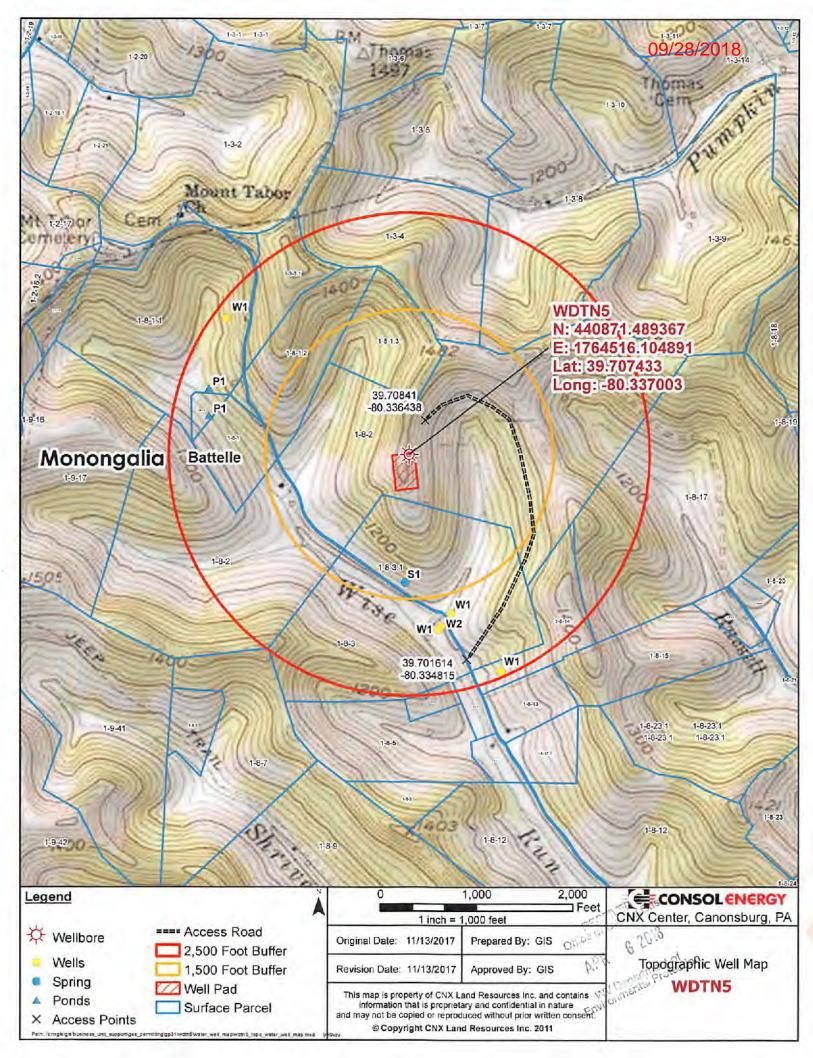
	Ohio "TENORM" - requires Radium 226/228 analysis by load before leaving the well pad. Solid waste landfills in Ohio can only accept TENORM waste with combined concentration less than 5 piecessies per gram above the natural background level.
464	Accepts drilling wastes but profile for disposal is not currently completed.
X	Waste stream accepted by facility.

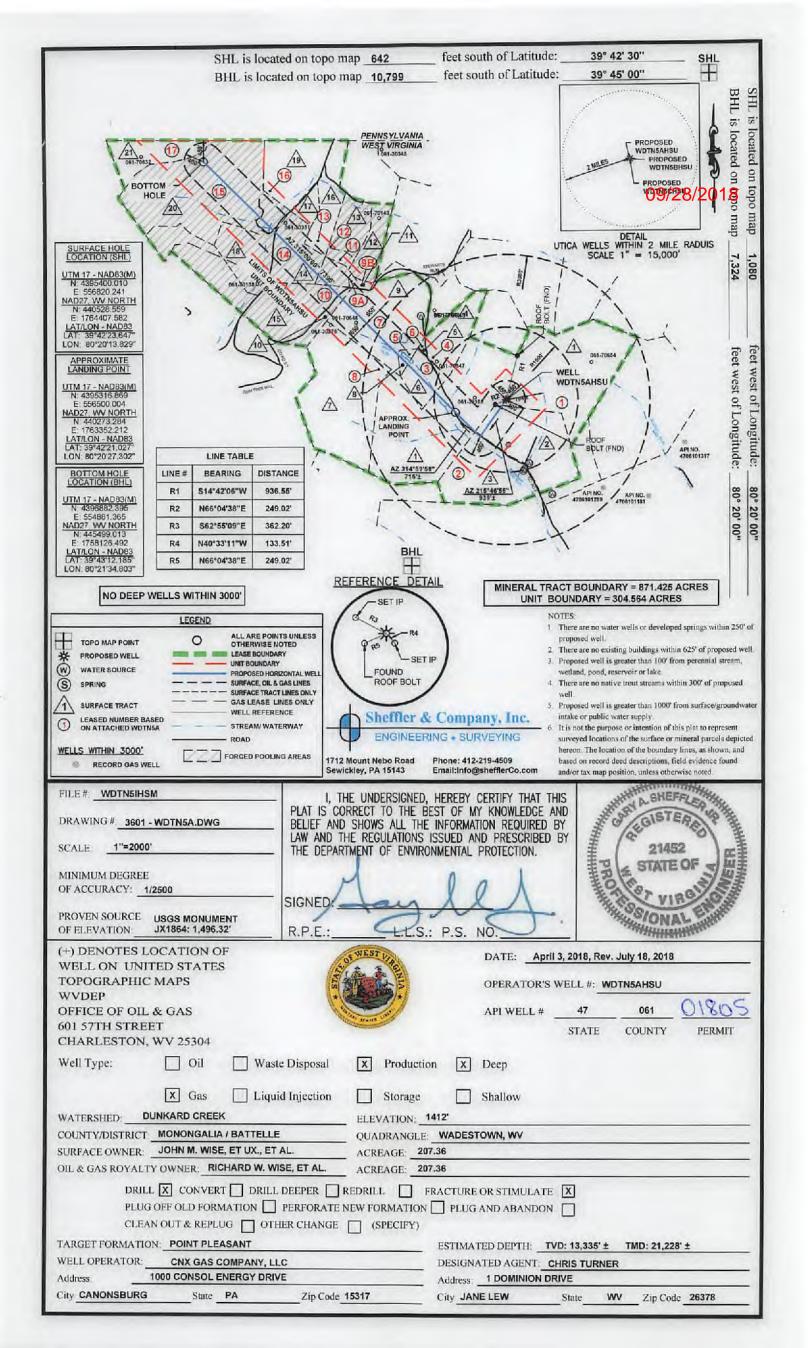
Notes:

Waste stream is not or may not be accepted by facility. Contact facility directly to verify waste streams accepted.

New PADEP rules regarding "TENORM" testing requirement are pending.

Drill Cuttings include fine sand for the purpose of this table (Contact facility directly to verify waste streams accepted).





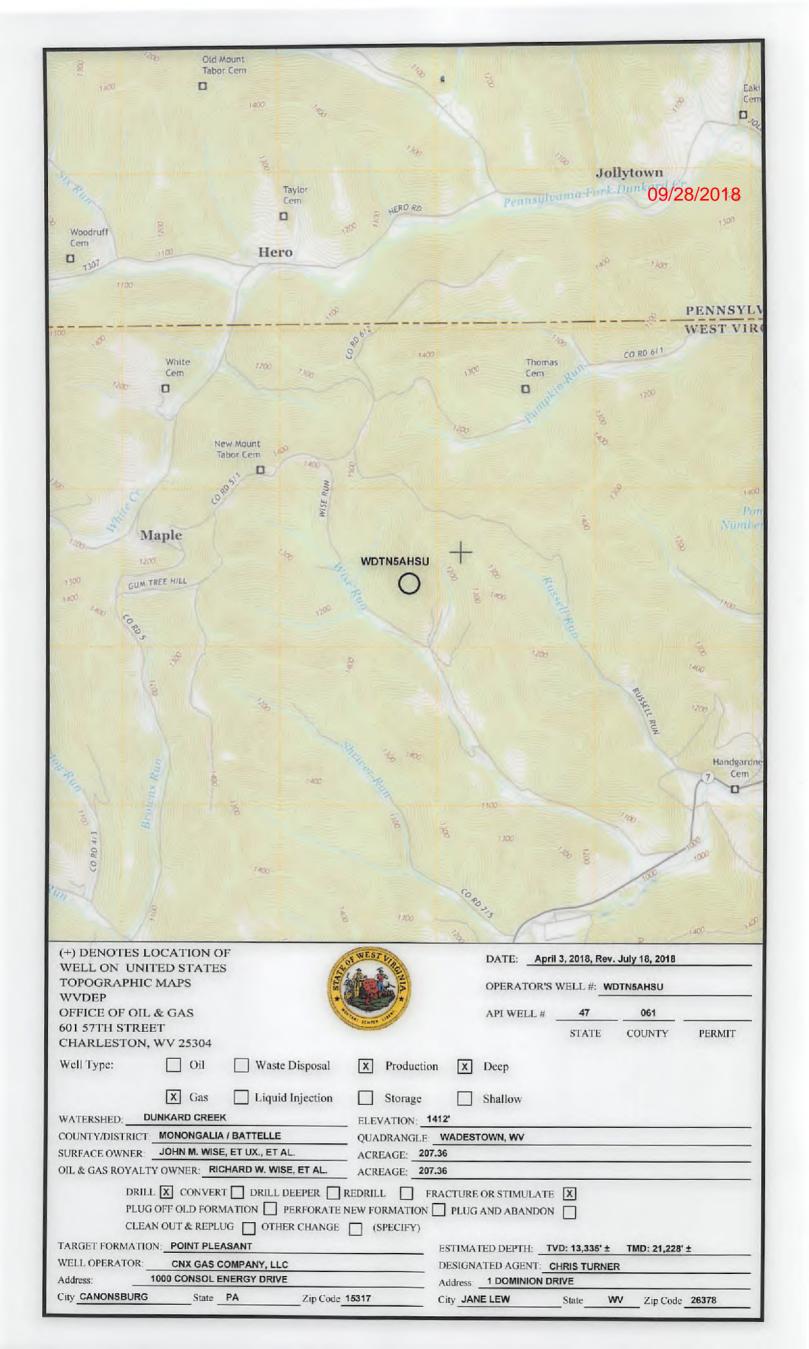
WDTN5AHSU UNIT = 304.564 ACRES TOTAL	Tract ID	Tax Map &	Grantor, Lessor, etc	Surface Owner
# TAX MAP & PARCEL UNIT ACRES	1	Parcel 1-8-2	Richard W. Wise	DINA M WISE ET AL
1 1-8, P/O PARCEL 2 54,335 Ac. 2 1-8, P/O PARCEL 3 & 3.1 27,795 Ac.			Donald Wise Thomas E. McCauley	
3 1-8, PARCEL 1 13,128 Ac. 4 1-8, PARCEL 1.2 5.616 Ac.			Richard L. McCauley Judy A. Eckman	
5 1-8, PARCEL 1.4 2.508 Ac. 6 1-8, PIO PARCEL 1.5 0.670 Ac.			Robert Stewart Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise,	
7 1-8 P/O PARCEL 1.1 42.116 Ac. 8 1-9 P/O PARCEL 17 8.491 Ac.			Remaindermen Clifford J. Wise	
9A 1-2. P/O PARCEL 22 0.677 Ac. 9B 1-2. P/O PARCEL 22 1.442 Ac.			Regina Wise Myers AKA Violet Regina Myers Eleanor J. Wise	
10 1-2, P/O PARGELS 16, 16.2, 21,084 Ac. 17, &17.1			Walter C. Ord James Freeman Stewart	09/28/2018
11 1-3, P/O PARCEL 2 3,583 Ac. 12 1-2, P/O PARCEL 21 0,229 Ac.			Victor E. Wise Zelda Ruth Brummage	
13 1-2, P/O PARCEL 18 & 18.1 4.869 Ac. 14 1-2, P/O PARCEL 17 & 17.1 35.967 Ac.			Evalee A. Everly Shaheen Dexter Murie Stewart	
15 1-2, P/O PARCEL 14 67.836 Ac. 16 1-2, P/O PARCEL 19 2.886 Ac.			Justin P. Stewart Annette E. Stewart	
17 1-2, P/O PARCEL 13 11.132 Ac.		. 3	Debora Goff Walter R. Currence	
SURFACE TRACT OWNERS & TAX PARCEL 1. DINA M WISE ET AL TM# 1-8-2		1	Maureen S. Currence Michelle L. Currence	
BARBARA J. WAGNER TM#1-8-3.1 BARBARA J. WAGNER TM#1-8-3		5	Phyllis J. Petrosky Jesse D. Jones	
4. DAVID W & ELIZABETH K DEATON TM# 1-8-1.2 5. GARY L & ARLENE ANN NEELY TM# 1-8-1.5			Harold M. Jones, Jr. Fred C. Wise and Alice F. Wise	
6. HENRY W. & LYNDA M AREHEART TM# 1-8-1 7. CONSOL MINING COMPANY LLC TM# 1-9-17 8. HENRY W. & LYNDA M. AREHEART TM#1-9-1.4			Linda Stapp	
9. GARY L & ARLENE ANN NEELY TM# 1-8-1.1 10. ROBERT ANTHONY LAUER III TM# 1-2-16			Richard A. Nunley and Diana K. Nunley Patricia J. Mumaw and Richard L. Mumaw	
11. MT. TABOR CEMETERY TM# 1-2-22 12. CONSOL MINING COMPANY LLC TM# 1-3-2			Donald E. Nunley Mary Nunley Stepetton and Donald Stepetton	
13. ROY LEE JR. & ERICA E. HALL TM# 1-2-21 14. THOMAS M. BARNHOUSE TM# 1-2-17			Jane Irons Melissa Bookout	
15. DELORES J. HARRISON TM# 1-2-16-2 16. LEONARD EDWARD HALL JR. TM# 1-2-18-1 17. JASON BEJAN 8 LINDSEY B. HALL TM# 1-2-18			Eileen Ann Lyle Robert Eugene Michael, Sr. and Darlene Ann Michael	
17. JASON BRIAN & LINDSEY R. HALL TM# 1-2-18 18. FREDERICK JR. & PATRICIA MORGAN TM# 1-2-17.1 19. ROY L. HALL TM# 1-2-17.1			Frank Dennis Michael, Jr. and Mary Frances Michael Evelyn June Michael	
20. DAVID & NANCY LIMING TM# 1-2-14 21. HUSKIE LUMBER COMPANY INC TM# 1-2-13			Tanya Chersin afk/a Tonya Chersin afk/a Tonya L. Chersin Boyd Hawkins and Kari J. Hawkins	
	2	1-8-3 &	Becky Bortnick Hawkins Barbara J. Wagner	BARBARA J. WAGNER
		1-8-3.1	Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Goon,	The state of the s
			Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust	
			Shriver, Trustee of the Shriver Family Trust Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	
	3	1-8-1	Barbara J. Anderson Living Trist UTD May 14th, 2008 CBC Holdings, LLC Henry W. Areheart and Lynda M. Areheart	HENRY W & LYNDA M AREHEART
			Earl W. Kennedy	
	4	1-8-1.2	CBC Holdings, LLC David W. Deaton and Elizabeth K. Deaton	DAVID W & ELIZABETH K DEATON
	5	1-8-1.4	Earl W. Kennedy CBC Holdings, LLC Henry W. Areheart and Lynda M. Areheart	HENRY W. & LYNDA M. AREHEART
	6	1-8-1.5	Henry W. Areneart and Lynda M. Areneart Earl W. Kennedy CBC Holdings, LLC	GARY L & ARLENE ANN
	0	1-0-1.5	Gary L. Neely and Arlene Neely	NEELY NEELY
	7	1-8-1.1	Earl W. Kennedy CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
			Gary L. Neely and Arlene Neely Earl W. Kennedy	
	8 9A	1-9-17	Ralph Six Mt. Tabor Methodist Episcopal Church	LLC MT. TABOR CEMETERY
	9A 9B	1-2-22	Mt. Tabor Methodist Episcopal Church Hard Weithodist Episcopal Church Earl W. Kennedy	MT. TABOR CEMETERY
	/10//	1-2-16, 1-2-16.2, P/O	Barn W. Kennedy Glenn L. White, individually and as trustee of Glenn L. White Trust Sharon White Bartholomew, alkia. Sharon Ruth White Bartholomew	ROBERT ANTHONY LAUER III, DELORES J. HARRISON,
	1///	1-2-16.1, P/O 1-2-17, and	David T. White and Sarah K. White	THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA
	11/2	P/O 1-2-17.1	Elizabeth A. Martineau, ark/a, Elizabeth Ada Snyder Rebecca Snyder Bromley, ark/a Alice Rebecca Snyder Bromley	MORGAN
			James Snyder Lacey L. Adams and Devon J. Adams	
	19/		Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living Trust. James F. Hare III and Christine A. Hare	
			Laurence D. Hare	
	1/1		Cheryl Molesky Eldon Bryant Tucker and Brenda Sue Tucker	
	1//		James Tucker and Flora Siu Tucker Robert Earl Tucker and Patricia Ruth Tucker	
	1611		David Tucker	
(+) DENOTES LOCATION OF		OF WEST	Sheffler & Con	ipany, Inc.
WELL ON UNITED STATES TOPOGRAPHIC MAPS		1	ENGINEERING .	SURVEYING
WVDEP	No.	1	The state of the s	412-219-4509
OFFICE OF OIL & GAS		Tart's	Sewickley, PA 15143 Email:Ir	nfo@shefflerCo.com
601 57TH STREET CHARLESTON, WV 25304		1	DATE: _April 3, 2018, Rev. Ju	ly 18, 2018
Well Type: Oil Waste Dispos	sal [Produ		
The state of the s	· ·			
X Gas Liquid Injecti	ion [Storag	Challen All WELL !!	NTY PERMIT
WATERSHED: DUNKARD CREEK			VATION: 1412'	
COUNTY/DISTRICT: MONONGALIA / BATTELLE			DRANGLE: WADESTOWN, WV	
SURFACE OWNER: JOHN M. WISE, ET UX., ET A			EAGE: 207.36	
OIL & GAS ROYALTY OWNER: RICHARD W. WIS			EAGE: 207.36	
			L FRACTURE OR STIMULATE X	
			DRMATION PLUG AND ABANDON SPECIEVA	
CLEAN OUT & REPLUG OTHE	A CHANG	ле [] (3		21 228' +
TARGET FORMATION: POINT PLEASANT WELL OPERATOR: CNX GAS COMPANY, LLC	:		ESTIMATED DEPTH: TVD: 13,335' ± TMD: 1 DESIGNATED AGENT: CHRIS TURNER	21,228' ±
Address: 1000 CONSOL ENERGY DRIVE			Address: 1 DOMINION DRIVE	
City CANONSBURG State PA		de 15317		p Code 26378

Tract ID	Tax Map &	Grantor, Lessor, etc	Surface Owner	
10 (CONT.)	Parcel 1-2-16,	Charles Tucker and Barbara Arpino-Tucker	ROBERT ANTHONY LAUER	
	1-2-16.2, P/O	Alice T. Boone	III, DELORES J. HARRISON, THOMAS M. BARNHOUSE,	
11/1/	1-2-16.1, P/O 1-2-17, and	Three Rivers Royalty II LLC	FREDERICK JR. & PATRICIA	
1////	P/O 1-2-17.1	Donald Pelger	MORGAN	
9//		Chase Schwersenska Chris Pelger		
1///		Carl L. Anderson and Sandra L. Anderson	1	
1///		David Wayne Anderson		
1///		David C. Anderson		
11/1		Shannon Harker John Pelger	-	
1111		Brenda A. Murphy		09/28/2018
11/1/	3	Vickie L. Simmons		09/20/2010
11/1		Sherry C. McGoy		
11111		Kelly Dilbeck (1/1152)	4	
9///		XTO Energy, Inc (3/8) Holly Pelger Harker		
111/	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY	
17/1		Lucy Mae Stickley	rra	
1///		Marian R, Stone Garrett		
0///		Patricia K. W. Hoekstra		
1///		Richard H. Benson, II Alvy S. White		
11/1		Anita Talbott		
1/1/	3	Karen I. Meyers		
11/1		Carol S. White Davis		
1/1/		Edwin R. White II Robert Tate Jr.		
1///		Frederick Tate	-	
11/1/		Timothy Tate Jr.		
1///		Alex Tate		
1///	8	Jennifer Marie Carrington		
11/1		Robert S. Elliot Jane E. McIntyre and Gienn C. McIntyre		
11/1		Jan W. Ellison and Thomas A. Ellison		
11/1		Marianne Ann Borkowski and Marc Borkowski		
1///		Edith B. White		
1111	3	Nancy Emerick		
11/1/		Betty Ann Reed David Ray Stone		
11//) 9	Donald E. Stone	-	
1///		Doris Jean White		
1///		Sandra Pixler		
11/1		Victor A. White (4/147)		
1/1/1		Melinda Reid Hatton (2/147) Dennis F. Hatton Jr. (1/147)		
11/1		Amanda Hatton (1/147)		
/ 12//	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR. & ERICA E.	
1111		Connie Lee Norwood	HALL	
1///		Beth Ellen Younciak, a/k/a Beth Ellen Bennett		
1///		Ewing Albert Bennett Cheryl Lynn Bennett Frankenfield	-	
11/1		Emily B. Vallin		
1///		Jennifer Sue Carpenter		
1///		Shirley Dotterer Wadsworth		
1///		Kathryn Dotterer Vahl Thelma R. Dotterer Chowning		
11/1		Marc D. Prochazka		
1///		Richard Leslie Puchstein		
1///	1	Carl Eric Puchstein		
1/1/		Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014		
11/16		John William Bennett		
1/1/		Jeffery Carpenter		
11/1		Kent P. Prochazka (1/18)		
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R. HALL, LEONARD EDWARD	
		Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation	HALL JR.	
		Hu's Land and Minerals LLC		
/ 14//	1-2-17.2, P/O	Glenn L. White, individually and as trustee of Glenn L. White Trust	THOMAS M. BARNHOUSE,	
11/1	1-2-15.1, P/O 1-2-17, and	Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	FREDERICK JR. & PATRICIA MORGAN	
1/5/	P/O 1-2-17.1	David T. White and Sarah K. White		
1/1/1		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	-	
1///		James Snyder		
1///		Lacey L. Adams and Devon J. Adams		
1///		Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living		
1///		Trust James F. Hare III and Christine A. Hare		
11/1		Laurence D. Hare		
(///		Cheryl Molesky		

WELL ON UNITED STATES	Sheffler & Company, Inc.
TOPOGRAPHIC MAPS	ENGINEERING • SURVEYING
WVDEP	1712 Mount Nebo Road Phone: 412-219-4509
OFFICE OF OIL & GAS	Sewickley, PA 15143 Email:Info@shefflerCo.com
601 57TH STREET CHARLESTON, WV 25304	DATE: _ April 3, 2018, Rev. July 18, 2018
Well Type: Oil Waste Disposal X Product	ion X Deep OPERATOR'S WELL #: WDTN5AHSU
X Gas Liquid Injection Storage	Shallow API WELL # 47 061
	STATE COUNTY PERMIT
WATERSHED: DUNKARD CREEK ELEVA	TION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUAD	RANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREA	AGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREA	AGE: 207.36
DRILL X CONVERT DRILL DEEPER REDRILL	FRACTURE OR STIMULATE [X]
PLUG OFF OLD FORMATION PERFORATE NEW FOR	
CLEAN OUT & REPLUG OTHER CHANGE (SP.	
TARGET FORMATION: POINT PLEASANT	ESTIMATED DEPTH: TVD: 13,335' ± TMD: 21,228' ±
WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner	
14 (CONT.)	1-2-17.2, P/O	Eldon Bryant Tucker and Brenda Sue Tucker	THOMAS M. BARNHOUSE,	1
7	1-2-16.1, P/O	James Tucker and Flora Siu Tucker	FREDERICK JR. & PATRICIA	
1//	1-2-17, and	Robert Earl Tucker and Patricia Ruth Tucker	MORGAN	
1112	P/O 1-2-17.1	David Tucker		
11/1		Charles Tucker and Barbara Arpino-Tucker	1	
11/1		Alice T. Boone	1	
17/1		Three Rivers Royalty II LLC		
1//		Donald Pelger	1	
111		Chase Schwersenska	-	
111		Chris Pelger		
111		Carl L. Anderson and Sandra L. Anderson	-	00/00/0040
11/1		David Wayne Anderson		
111		David C. Anderson	-	09/28/2018
11/1	1	Shannon Harker	-	
1/1/	1	John Pelger	-	
1111	1	A STATE OF THE STA	-	
111		Brenda A. Murphy	-	
111		Vickie L. Simmons	-	
111		Sherry C. McCoy		
11/1		Kelly Dilbeck (1/1152)		
1/87	1	XTO Energy, Inc.		
11/1	1	Holly Peiger Harker		
15/	P/O 1-2-14	Glenn L. White, individually and as trustee of Glenn L. White Trust	DAVID & NANCY LIMING	
11/1		Nancy Liming and David Liming		
1/1	1	Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew		
11/3		David T. White and Sarah K. White		
11/1	4	Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder		
111		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley		
111		James Snyder		
1111		Lacey L. Adams and Devon J. Adams		
1///	1	Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living		
11/1	1	Trust		VI .
1//		James F. Hare III and Christine A. Hare		
11/		Laurence D. Hare	1	1
111		Cheryl Molesky		160
181		Eldon Bryant Tucker and Brenda Sue Tucker		
111		James Tucker and Flora Siu Tucker		
1///		Robert Earl Tucker and Patricia Ruth Tucker		
11/1		David Tucker	-	
11/1	1	Charles Tucker and Barbara Arpino-Tucker	-	
1111	1	Alice T. Boone	-	
1111		Three Rivers Royalty II LLC	-	
111		Donald Pelger	+	
131		Chase Schwersenska	-	
11/1		Chris Pelger	4	
6/21		300000000000000000000000000000000000000	-	
19/9	1	Carl L. Anderson and Sandra L. Anderson	4	
1/51		David Wayne Anderson	4	
111		Shannon Harker		
		John Pelger		
1/1		David C. Anderson		
		Brenda A. Murphy		
1//		Vickie L. Simmons		
1/2/	1	Sherry C. McCoy		
11/1	1	Kelly Dilbeck (1/1152)		
1///		XTO Energy, Inc.		
111		Holly Pelger Harker		
16	1-2-19	Merrion Oil and Gas Corporation	ROY L. HALL	
1.0	1-2-10	Hu's Land and Minerals LLC	- 1107 6110766	
17	1-2-13	Huskie Lumber Co., Inc	HUSKIE LUMBER COMPANY	
2.5	1.2-10	Ralph Six	INC	
		realph oix		J

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304	Sheffler & Company, Inc. ENGINEERING • SURVEYING 1712 Mount Nebo Road Sewickley, PA 15143 Phone: 412-219-4509 Email:Info@shefflerCo.com DATE: April 3, 2018, Rev. July 18, 2018
Well Type: Oil Waste Disposal X Production	X Deep OPERATOR'S WELL #: WDTN5AHSU
X Gas	Shallow API WELL # 47 061 COUNTY PERMIT
	E: WADESTOWN, WV
SURFACE OWNER JOHN M. WISE, ET UX., ET AL. ACREAGE:	207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 2	207.36
DRILL X CONVERT DRILL DEEPER REDRILL PLUG OFF OLD FORMATION DEEPFORATE NEW FORMATION CLEAN OUT & REPLUG DOTHER CHANGE (SPECIFY)	N PLUG AND ABANDON
TARGET FORMATION: POINT PLEASANT	ESTIMATED DEPTH: TVD: 13,335' ± TMD: 21,228' ±
WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE
City CANONSBURG State PA Zip Code 15317	City JANE LEW State WV Zip Code 26378





Erika Whetstone Manager – Gas Permitting CONSOL Energy Inc. 1000 CONSOL Energy Drive Canonsburg, PA 15317

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

RE: Road Letter - WDTN 5 Well Pad

To Whom It May Concern:

CNX Gas Company LLC has the right to drill, stimulate and produce wells that are drilled under the County and State Roads as designated on the plats.

Should you have any questions or need additional information, please do not hesitate to contact me at erikawhetstone@consolenergy.com or 724-485-4035.

Sincerely,

Erika Whetstone

CNX Gas Company LLC

RECRIVED Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

WW-PN (11-18-2015)

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: The Domir	nion Post				
Public Notice Date	e: 3/8/18 & 3/15/18				
	pipelines, gathering lines an			k permit which disturbs three acres or more of a two hundred ten thousand gallons of water in	
Applicant: CNX C	Sas Company LLC		Well Num	1ber: wdtnsahsu, wdtnsahsu. wdtnschsu, wdtnsghsm. wdtnshhsm	
Business Conduct	ed: Natural gas production	1.			
Location –					
State:	West Virginia		County:	Monongalia	
District:	Battelle	/	Quadrangle:	Wadestown	
UTM Coo	Coordinate NAD83 Northing:				
	rdinate NAD83 Easting:	556820.241, 55	6826.284, 55682	7.076, 556821.825, 556821.033	
UTM Coo		- /	395400.802, 439		

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up.

APR G 2018

Reviewing Applications:

W Department of Environmental Production Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:

Comments may be submitted online at https://apps.dep.wv.gov/oog/comments/comments.cfm, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

010128451

March 8,15

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:
Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: The Dominion Post

Public Notice Date: 3/8/18, 3/15/18

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day

Applicant: CNX Gas Company LEC
Well Number: WDTN5AHSU, WDTN5BHSU, WDTN5CHSU, WDTN5GHSM,
WDTN5HHSM
Address: 1000 Consol Energy Drive, Canonsburg PA. 15317
Business Conducted: Natural gas production.

Location —
State: Best Virginia County: Monongalia
District: Battelle Quadrangle: Wadestown
ITM Goordinate NAD83 Northing:
(4395400.010, x395400.802, 4395394.759, 4395387.925, 4395393.967
DTM Coordinate NAD83 Easting:
(556820.241, 556826.284, 556827.076, 556821.825, 556821.033
- Watershed: Dunkard Creek

Coordinate Conversion:
To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.ww.gov/convert/llutm_conus.php

Electronic notification:
To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to

Reviewing Applications:
Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov

Submitting Comments:
Comments may be submitted online at https://apps.dep.wv.,ov/ooe/comments/comments.cfii, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WY 25304, Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/ pages/default aspx

PUBLISHER'S CERTIFICATE

vs.	
STATE OF WEST VIRGINIA	
Brad Pennington Advertising Director of	
THE DOMINION POST, a newspaper of general circulation	
published in the City of Morgantown, County and State	
aforesaid, do hereby certify that the annexed	
Legal Notice	
was published in the said THE DOMINION POST once a week	
o 2 successive weeks commencing on the	
	7
8th_day of March_, 2018 and ending on the	
15th day of March .2018	
The publisher's fee for said publication is \$200.06	
Given under my hand this15thday of	
March , 2018	
2	
7 / //	
Annal V	(SEAL)
Advertising Director of THE DOMINION POST	ECCIVED
Actions of the section of the sectio	and G
	6 2018
day of March , 2018 Working	girimant et
A	rulaci
Gerrica Dais	
Notary Public of Monongalia County, W. Va.	- 7 alv dog 2.
My commission expires on the 27 Hay of	

Feb. 2023



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

			API No. 47			
	ce Certification: 4-4-18	Operator's Wel		5AHSU		
		Well Pad Name	: WDTN5			
Notice has	been given:					
		§ 22-6A, the Operator has provided the required	d parties wi	th the Notice Forms listed		
	tract of land as follows:					
State:	West Virginia	IITM NAD 23	2970.914			
County:	Monongalia	Northing: 4405	565.830			
District:	Battelle		Wise Run			
Quadrangle:	Wadestown	Generally used farm name: Wise	2			
Watershed:	Dunkard Creek					
information r of giving the requirements Virginia Cod	equired by subsections (b) and (c), so surface owner notice of entry to su of subsection (b), section sixteen o	bed in subdivisions (1), (2) and (4), subsection ection sixteen of this article; (ii) that the require urvey pursuant to subsection (a), section ten of f this article were waived in writing by the second proof of and certify to the secretary that at.	ment was of f this artic surface own	deemed satisfied as a result le six-a; or (iii) the notice ner; and Pursuant to West		
	West Virginia Code § 22-6A, the Operator has properly served the require	perator has attached proof to this Notice Certified parties with the following:	ication			
	ECK ALL THAT APPLY	d parties with the following.		OOG OFFICE USE ONLY		
*PLEASE CH	ECK ALL THAT APPLY	NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED				
*PLEASE CH	ECK ALL THAT APPLY TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECAUSE		ONLY RECEIVED/		
*PLEASE CH	ECK ALL THAT APPLY TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED	UCTED	ONLY RECEIVED/ NOT REQUIRED		
*PLEASE CH	ECK ALL THAT APPLY TICE OF SEISMIC ACTIVITY or TICE OF ENTRY FOR PLAT SURV	■ NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED /EY or ■ NO PLAT SURVEY WAS COND □ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY	UCTED	ONLY RECEIVED/ NOT REQUIRED RECEIVED RECEIVED/		
*PLEASE CH	ECK ALL THAT APPLY TICE OF SEISMIC ACTIVITY or TICE OF ENTRY FOR PLAT SURV	■ NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED VEY or ■ NO PLAT SURVEY WAS COND NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE OF	UCTED	ONLY RECEIVED/ NOT REQUIRED RECEIVED RECEIVED/		
*PLEASE CH 1. NO 2. NO 3. NO	ECK ALL THAT APPLY TICE OF SEISMIC ACTIVITY OF TICE OF ENTRY FOR PLAT SURV	■ NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED VEY or ■ NO PLAT SURVEY WAS COND NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE OF	UCTED	ONLY RECEIVED/ NOT REQUIRED RECEIVED RECEIVED/ NOT REQUIRED		

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

APR 6 2018

(1/12)	almonen on molar	J' I WI	WORK		
(1/12)	(Jam Ma	MUPO	Ith of Pennsy / 109/28/2018	
Certification	of Notice is hereby given:	Coun	tu ce	Washington	
THEREFORE,	Raymond Hoon Kanny Hoon h	ave read an	d understand	d the notice requirements within West Virginia Code § 22-	
				served the attached copies of the Notice Forms, identified	
				I or by any method of delivery that requires a receipt or	
				examined and am familiar with the information submitted	
				inquiry of those individuals immediately responsible for	
				nd complete. I am aware that there are significant penalties	ŝ
for submitting fa	alse information, including the possib	bility of fine	e and impriso	onment.	
Well Operator:	CNX Gas Company LLC		Address:	1000 Consol Energy Drive	
By:	Raymond Hoon			Canonsburg, PA 15317	
Its:	Permitting Supervisor		Facsimile:		
Telephone:	724-485-3540		Email:	RaymondHoon@CNX.com	
				0	
	1.241201		5),	orn before me this 4th day of April 2018.	
COMMON	WEALTH OF PENNSYLVANIA	Subscr	ibed and swe	orn before me this TTT day of ADULY 2016.	
1	NOTARIAL SEAL	1/2	VOI J	Notary Public	
Lori L. Walker, Notary Public		-	ALC X	Notary rubite	
My Co	ichhill Twp., Greene County mmission Expires Feb. 23, 2019	My Co	mmission E	xpires -0/0110011 23 1019	
	NSYLVANIA ASSOCIATION OF NOTABLES	111, 00		Trumbly And I want	

Attached to WOTNSA WW-6AC

Oil and Gas Privacy Notice:

WW-6AC

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

47,06101805

WW-6A (9-13) API NO. 47-OPERATOR WELL NO. / WOTNSAHSU

Well Pad Name: WDTMS

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

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

Date of Notice: 4-4-18 Date Permit Application Filed: 4-5-18 Notice of: PERMIT FOR ANY CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☑ METHOD OF DELIVERY THAT REQUIRES A PERSONAL REGISTERED SERVICE MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule. ☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to: Office of Collapse Gas ☐ SURFACE OWNER(s) COAL OWNER OR LESSEE Name: See attached Name: See attached Address: Address: Name: COAL OPERATOR Name: N/A Address: Address: SURFACE OWNER(s) (Road and/or Other Disturbance) Name: See attached ☐ SURFACE OWNER OF WATER WELL Address: AND/OR WATER PURVEYOR(s) Name: N/A Name: Address: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD ☐ SURFACE OWNER(s) (Impoundments or Pits) Name: N/A Name: N/A Address: Address: *Please attach additional forms if necessary

API NO. 47OPERATOR WELL. NO. WRINGARSU
Well Pad Name: WDTNS 18

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the crosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wy.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing within water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

WW-6A (8-13) API NO. 47-___OPERATOR WELL NO. WDTN5AHSU
Well Pad Name: WDTN5 / 28/2018

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

APR 6 2018

WV Department of Environments, Projection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A (8-13) API NO. 47-OPERATOR WELL NO./WDTN5AHSU Well Pad Name: WDTN5/28/2018

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.



0.00	API NO. 47- OPERATOR WELL NO WOTNSAHSU Well Pad Name: works 9/28/2018 County of Washington
Notice is hereby given by:	
Well Operator: CNX Gas Company LLC	Address: 1000 Consol Energy Drive
Telephone: 724-485-3540	Canonsburg, PA 15317
Email: RaymondHoon@CNX.com	Facsimile:

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
Lori L. Walker, Notary Public
Richhill Twp., Greene County
My Commission Expires Feb. 23, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 4th day of April 2018.

Notary Public My Commission Expires 6 1000 23 2019

WW6A Notice of Application - Attachment

WDTN5

Surface Owner(s) (Well Site & Road and/or Other Disturbance):

John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501

Opal Wise 2002 West 600 North Hilltop Road, Price, UT 84501

Richard Nunley 261 Festival Drive, Oceanside, CA 92057

Patricia Mumaw 3344 Northridge Drive, Wooster, OH 44691

Donald Nunley
36 Autumn Drive, Core, WV 26541

Mary Nunley Stepelton 7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321

Thomas McCauley 220 Kennedy Street, Apt 5, Louisville, OH 44641

Richard McCauley 2589 Timothy Ave., Louisville, OH 44641 /

Judy Eckman 630 Coniston Drive, Leland, NC 28451-9754

Clifford J. Wise 2394 County Road 137, Obrien, FL 32071

Regina W. Myers 1200 Carroll Heights Blvd., Hagerstown, MD 21742

Eleanor Wise 126 Fairview Ave., Waynesburg, PA 15370 \

Victor E. Wise PO Box 7437, Charleston, WV 25356

Frederick C. Wise

1 West Hills Drive, Fairmont, WV 26554

Office of Cil and Gas

APR 6 2013

Page 1 of 6

Walter C. Ord P.O. Box 802, McDowell, KY 41647

Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807

Dexter Murle Stewart 1283 Crossroads Road, Fairview, WV 26570

Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571

James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554

Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404

Annette Stewart 41 Mimosa Dr., Martinsburg, WV 25404

Dawn Hughes 1134 Brooke Rd., Stafford, VA 22405

Bryan Kevin Goff 9325 Beaverdam Rd., Nanjemoy, MD 20662

Brandon Sweeney 18501 Clagget Landing, Upper Marlboro, MD 20774

Brianna Skyler Sweeney 18502 Clagget Landing, Upper Marlboro, MD 20774

Wally Currence 16200 Bealle Hill Road, Waldorf, MD 20601

Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445

Michelle Currence 1 Carroll Drive, Stafford, VA 22554

Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067 Office of GII and Gas

APR 6 2018

Environments Procession

Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022

Harold M. Jones 317 Crest Ave., Charleroi, PA 15022

CNX Gas Company LLC 1000 Consol Energy Drive, Canonsburg, PA 15317

Jane Irons P.O. Box 681, Tellico Plains, TN 37385

Melissa Bookout 311 West Walnut St., Madisonville, TN 37354

Barbara J. Wagner 573 Wise Run Road, Wana, WV 26590

Coal Owner:

CNX RCPCL LC 1000 CONSOL Energy Drive, Canonsburg, PA 15317

CCC RCPC LLC 1001 CONSOL Energy Drive, Canonsburg, PA 15317

John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501

Opal Wise 2002 West 600 North Hilltop Road, Price, UT 84501

Richard W. Wise 7817 Mason Dixon Highway, Wana, WV 26590

Kathy A. Sine 343 Statler Run Road, Fairview, WV

John David Wise 3 Cross Roads Road, Wana, WV

Richard Nunley 261 Festival Drive, Oceanside, CA 92057 Office of Oil and Gas
APR 6 2018

Patricia Mumaw 3344 Northridge Drive, Wooster, OH 44691

Donald Nunley 36 Autumn Drive, Core, WV 26541

Mary Nunley Stepelton 7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321

Thomas McCauley 220 Kennedy Street, Apt 5, Louisville, OH 44641

Richard McCauley 2589 Timothy Ave., Louisville, OH 44641

Judy Eckman 630 Coniston Drive, Leland, NC 28451-9754

Linda Stapp 124 Reservoir Rd., St. Clairsville, OH 43950

Clifford J. Wise 2394 County Road 137, Obrien, FL 32071

Regina W. Myers 1200 Carroll Heights Blvd., Hagerstown, MD 21742

Eleanor Wise 126 Fairview Ave., Waynesburg, PA 15370

Victor E. Wise PO Box 7437, Charleston, WV 25356

Frederick C. Wise 1 West Hills Drive, Fairmont, WV 26554

Walter C. Ord P.O. Box 802, McDowell, KY 41647

Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807





Dexter Murle Stewart 1283 Corssroads Road, Fairview, WV 26570

Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571

James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554

Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404

Annette Stewart 41 Mimosa Dr., Martinsburg, WV 25404

Dawn Hughes 1134 Brooke Rd., Stafford, VA 22405

Bryan Kevin Goff 9325 Beaverdam Rd., Nanjemoy, MD 20662

Brandon Sweeney 18501 Clagget Landing, Upper Marlboro, MD 20774

Brianna Skyler Sweeney 18502 Clagget Landing, Upper Marlboro, MD 20774

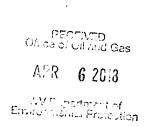
Wally Currence 16200 Bealle Hill Road, Waldorf, MD 20601

Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445

Michelle Currence
1 Carroll Drive, Stafford, VA 22554

Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067



Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022

Harold M. Jones 317 Crest Ave., Charleroi, PA 15022

CNX Gas Company LLC 1000 Consol Energy Drive, Canonsburg, PA 15317

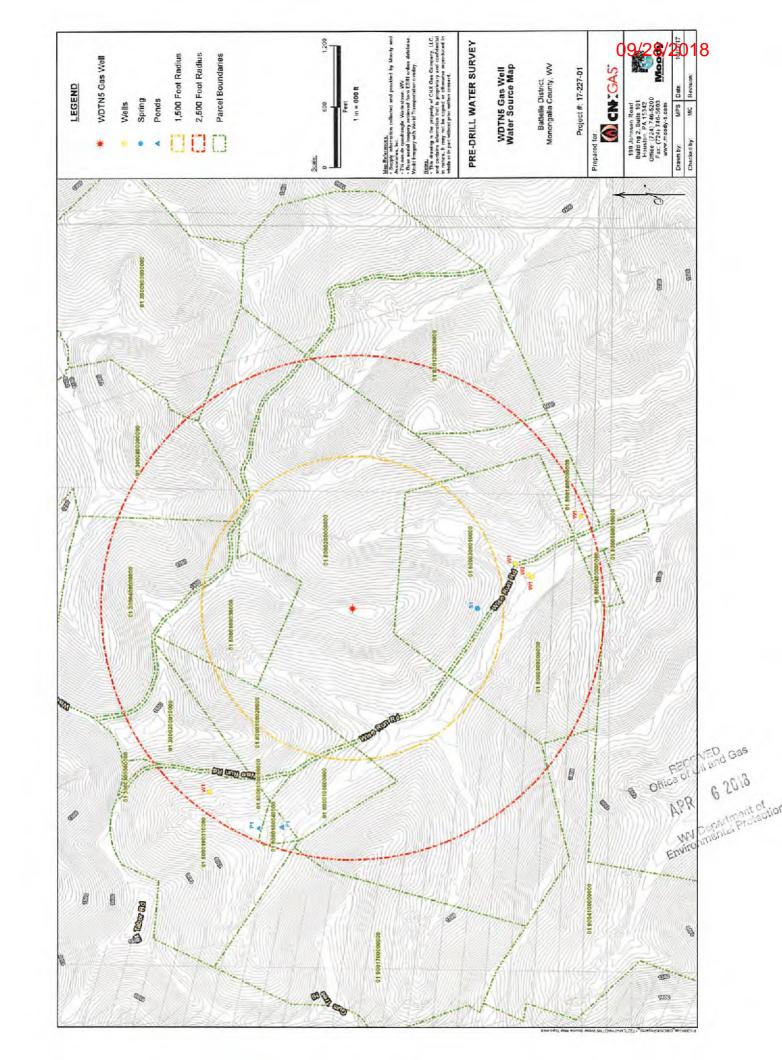
Jane Irons P.O. Box 681, Tellico Plains, TN 37385

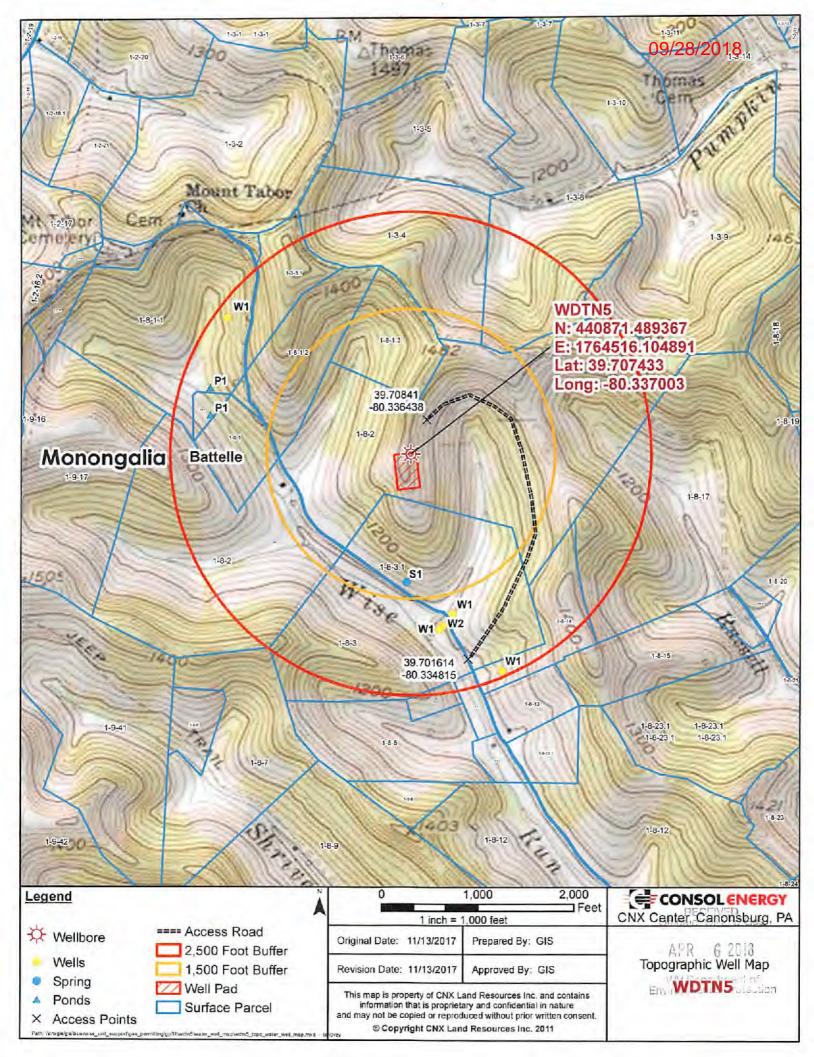
Melissa Bookout 311 West Walnut St., Madisonville, TN 37354

RECTIVED
Office of Cil and Gas

APR 6 2013

WV Department of Enviror mental Protection





WW-6A1 (5/13)

> 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.

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:

Raymond Hoon

Its:

Permitting Supervisor



Attachment - Form WW-6A-1 for WDTN5AHSU

Tract (D	Tax Map & Parcel	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
				GIN 6 6 116	Royalty Not less than 1/8	<u>Book/Page</u> 1516/36
1	1-8-2	189010000	Richard W. Wise	CNX Gas Company, LLC	Assignment	129/292
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/339
			Noble Energy, Inc.	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment	1595/13
			Richard W. Wise and Sandra S. Wise Donald Wise	CNX Gas Company, LLC	Not less than 1/8	1516/486
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Thomas E. McCauley	CNX Gas Company, LLC	Not less than 1/8	1442/715
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard L. McCauley	CNX Gas Company, LLC	Not less than 1/8	1442/707 129/270
			CNX Gas Company, LLC	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	131/339
			Noble Energy, Inc. Judy A. Eckman	CNX Gas Company, LLC	Not less than 1/8	1442/711
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Robert Stewart	CNX Gas Company, LLC	Not less than 1/8	1520/433
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M.			
			Wise, Remaindermen	CNX Gas Company, LLC	Not less than 1/8	1520/481
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292 131/339
			Noble Energy, Inc. Clifford J. Wise	CNX Gas Company, LLC CNX Gas Company, LLC	Assignment Not less than 1/8	1525/130
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Regina Wise Myers AKA Violet Regina Myers	CNX Gas Company, LLC	Not less than 1/8	1450/740
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Eleanor J. Wise	CNX Gas Company, LLC	Not less than 1/8	1501/809
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Walter C. Ord	CNX Gas Company, LLC	Not less than 1/8	1501/803
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc. James Freeman Stewart	CNX Gas Company, LLC	Assignment Not less than 1/8	131/339 1501/806
			CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Victor E. Wise	CNX Gas Company, LLC	Not less than 1/8	1501/813
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Zelda Ruth Brummage	CNX Gas Company, LLC	Not less than 1/8	1500/762
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	126/654
			Noble Energy, Inc.	CNX Gas Company, 11C	Assignment	131/339
			Evalee A. Everly Shaheen CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1501/321 126/654
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Dexter Murie Stewart	CNX Gas Company, LLC	Not less than 1/8	1500/277
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	126/654
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Justin P. Stewart	CNX Gas Company, LLC	Not less than 1/8	1520/625
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Annette E. Stewart CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1510/806
			Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	128/628 131/339
			Debora Goff	CNX Gas Company, LLC	Not less than 1/8	1529/256
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Walter R. Currence	CNX Gas Company, LLC	Not less than 1/8	1524/530
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Maureen S. Currence CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1520/781
			Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	129/292 131/339
			Michelle L. Currence	CNX Gas Company, LLC	Not less than 1/8	1528/431
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Phyllis J. Petrosky	CNX Gas Company, LLC	Not less than 1/8	1510/203
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/628
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jesse D. Jones CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1509/468
			Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	129/312 131/339
			Harold M. Jones, Jr.	CNX Gas Company, LLC	Not less than 1/8	1511/101
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/628
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Fred C. Wise and Alice F. Wise	CNX Gas Company, LLC	Not less than 1/8	1597/89
			Linda Stapp	CNX Gas Company, LLC	Not less than 1/8	1602/621
			Richard A. Nunley and Diana K. Nunley	CNX Gas Company, LLC	Not less than 1/8	1597/99
			Patricia J. Mumaw and Richard L. Mumaw	CNX Gas Company, LLC	Not less than 1/8	1598/230
			Donald E. Nunley Mary Nunley Stepelton and Donald Stepelton	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1595/260
			Jane frons	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1597/85 1602/108
			Melissa Bookout	CNX Gas Company, LLC	Not less than 1/8	1602/108
			Eileen Ann Lyle	CNX Gas Company, LLC	Fee Conveyance	1600/452
			Robert Eugene Michael, Sr. and Darlene Ann Michael	CNX Gas Company, LLC	Fee Conveyance	1599/282
			Frank Dennis Michael, Jr. and Mary Frances Michael	CNX Gas Company, LLC	Fee Conveyance	1599/267
			Evelyn June Michael	CNX Gas Company, LLC	Fee Conveyance	1600/800
			Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin	CNX Gas Company, LLC	Fee Conveyance	1601/148

1601/152 1605/324

Fee Conveyance Fee Conveyance

			BECAY BOTANICA NEWKINS			·
	Tax Map	Title Opinion		C 1		
Tract ID	& Parcel	QLS#	Grantor, Lessor, etc	<u>Grantce, Lessee, etc</u>	Royalty	Book/Page
	1-8-3 &	204769000	Barbara J. Wagner	CNX Gas Company, LLC	Not less than 1/8	1506/533
2	1-8-3.1	204769000	CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/628
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Barbara J. Wagner	CNX Gas Company, LLC	Lease Amendment	1599/670
			Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George			
			H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S.			
			Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee			
			of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust		Not less than 1/8	1507/427
			CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H.			
			Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S.			
			Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of			
			the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust	CNX Gas Company, LLC	Lease Amendment	1594/411
			Arnold D. Anderson, individually, and as Trustee of the Arnold D.			
			Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	CNX Gas Company, LLC	Not less than 1/8	1515/794
			Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	CNX Gas Company, LLC	Lease Amendment	1609/353
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
T 10	Tax Map	Title Opinion		444		
Tract ID	& Parcel	QL5 #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
3	1-8-1	204516000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
			CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment Lease Amendment	1415/388 1415/344
			CBC Holdings, LLC Henry W. Areheart and Lynda M. Areheart	CNX Gas Company, LLC	Not less than 1/8	1615/710
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631
Tract ID	Tax Map	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
	& Parcel	QLS#			Royalty	Book/Page
4	1-8-1.2	205005000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
			CBC Holdings, LLC CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment Lease Amendment	1415/388 1415/344
			David W. Deaton and Elizabeth K. Deaton	CNX Gas Company, LLC	Not less than 1/8	1459/36
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc.	Assignment	129/270
			Earl W. Kennedy	CNX Gas Company, LLC CNX Gas Company, LLC	Assignment Not less than 1/8	131/339 1375/631
	Tax Map	Title Opinion				
Tract ID	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
s	1-8-1.4	204775000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/388
			CBC Holdings, LLC Henry W. Areheart and Lynda M. Areheart	CNX Gas Company, LLC CNX Gas Company, LLC	lease Amendment Not less than 1/8	1415/344 1615/710
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631
	Tax Man	Title Opinion				
Tract (D	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
6	1-8-1.5	204774000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
			CBC Holdings, LLC CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment	1415/388
			Gary L. Necly and Ariene Neely	CNX Gas Company, LLC	Lease Amendment Not less than 1/8	1415/344 1602/835
			Gary L. Neely and Ariene Neely	CNX Gas Company, LLC	Lease Amendment	1607/801
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc		
7	1-8-1.1	188587000	CRC N-141 11C	The Court of the C	Royalty	Book/Page
•	1-0-1.1	100307000	CBC Holdings, LLC CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lesse Amendment	1375/675 1415/388
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/344
			Gary L. Neely and Arlene Neely Gary L. Neely and Arlene Neely	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment	1602/835
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1607/801 13 75/631
Was 10	Tax Map	Title Opinion				
Tract ID	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
8	1-9-17	188599000	Ralph Six	Antero Resources Corporation	Not less than 1/8	1589/90
			Antero Resources Corporation	CNX Gas Company, LLC	Assignment	137/387

CNX Gas Company, LLC

Boyd Hawkins and Kari J. Hawkins Becky Bortnick Hawkins

Tract ID		Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc		
9A	<u>& Parcel</u> 1-2-22		Mt. Tabor Methodist Episcopal Church	CNX Gas Company, LLC	Royalty Not less than 1/8	<u>Book/Page</u> 1614/718
Tract ID	Tax Map	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
	& Parcel	QLS#			Royalty	Book/Page 1614/718
98	1-2-22	188584000	Mt. Tahor Methodist Episcopal Church Earl W. Kennedy	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1375/631
Tract ID	Tax Map	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
1140112	& Parcel	QL5 #	GIRITATI STREET		Royalty	Book/Page
	1-2-16, 1- 2-16.2,					
	P/O 1-2- 16.1, P/O					
	1-2-17,					
10	and P/O 1- 2-17.1	188578000	Glenn L. White, individually and as trustee of Glenn L. White Trust	CNX Gas Company, LLC	Not less than 1/8	1516/48
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312 135/323
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	135/323
			Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	CNX Gas Company, LLC	Not less than 1/8	1529/268
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	129/312 131/339
			David T. White and Sarah K. White	CNX Gas Company, LLC	Not less than 1/8	1543/430
			David T. White and Sarah K. White	CNX Gas Company, LLC	Lease Amendment Not less than 1/8	1601/639 1521/781
			Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder CNX Gas Company, LLC	CNX Gas Company, LLC Nobie Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	CNX Gas Company, LLC	Lease Amendment	1595/520
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1522/563 129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Lease Amendment	1595/524
			James Snyder CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	15 23/111 129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Lease Amendment	1595/528
			Lacey L. Adams and Devon J. Adams Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton	CNX Gas Company, LLC	Not less than 1/8	1612/566
			Revocable Living Trust	CNX Gas Company, LLC	Not less than 1/8	1612/572
			James F. Hare III and Christine A. Hare Laurence D. Hare	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1604/615 1605/618
			Cheryl Molesky	CNX Gas Company, LLC	Not less than 1/8	1605/334
			Eldon Bryant Tucker and Brenda Sue Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/828
			James Tucker and Flora Siu Tucker Robert Earl Tucker and Patricia Ruth Tucker	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1602/798 1602/822
			David Tucker	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1602/840
			Charles Tucker and Barbara Arpino-Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/811
			Alice T. Boone Three Rivers Royalty II LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1602/805 1616/673
			Donald Pelger	CNX Gas Company, LLC	Not less than 1/8	1612/550
			Chase Schwersenska	CNX Gas Company, LLC	Not less than 1/8	1614/712
			Chris Pelger Carl L. Anderson and Sandra L. Anderson	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1614/639 1614/309
			David Wayne Anderson	CNX Gas Company, LLC	Not less than 1/8	1614/153
			David C. Anderson	CNX Gas Company, LLC	Not less than 1/8	1615/285
			Shannon Harker John Pelger	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1615/704 1621/329
			Brenda A. Murphy	EQT Production Company	Not less than 1/8	1615/281
			EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
			Vickie L. Simmons EQT Production Company	EQT Production Company CNX Gas Company, LLC	Not less than 1/8 Assignment	1615/276 136/258
			Sherry C. McCoy	EQT Production Company	Not less than 1/8	1615/278
			EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
			XTO Energy, Inc Holly Pelger Harker	CNX Gas Company, LLC CNX Gas Company, LLC	Fee Conveyance Not less than 1/8	1629/449 Not Yet Recorded
			Kelly Dilbeck (1/1152)	N/A	Unleased	Unleased
Tract ID		Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
	& Parcel	QLS#			Royalty	Book/Page
11	1-3-2	204777000	David Charles White and Regina Sue White Lucy Mae Stickley	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1614/136 1529/675
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Marian R. Stone Garrett CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1 527/235 129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Patricia K. W. Hoekstra	CNX Gas Company, LLC	Not less than 1/8	1527/239
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, ELC	Assignment Assignment	129/312 131/339
			Richard H. Benson, II	CNX Gas Company, LLC	Not less than 1/8	1520/494
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc. Alvy S. White	CNX Gas Company, LLC CNX Gas Company, LLC	Assignment Not less than 1/8	131/339 1521/777
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc. Anita Talbott	CNX Gas Company, LLC	Assignment	131/339
			CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1521/773 129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339

09/28/2018

M 4 88	CNX Gas Company, LLC	Not less than 1/8	1520/498
Karen I. Meyers	Noble Energy, Inc.	Assignment	129/312
CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1517/242
Carol S. White Davis	Noble Energy, Inc.	Assignment	129/312
CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1520/502
Edwin R. White II	Noble Energy, Inc.	Assignment	129/312
CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1526/591
Robert Tate Jr.	Noble Energy, Inc.	Assignment	129/312
CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1527/558
Frederick Tate	Noble Energy, Inc.	Assignment	129/312
CNX Gas Company, LLC		Assignment	131/339
Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1527/663
Timothy Tate Jr.	CNX Gas Company, LLC	· ·	129/312
CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/339
Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	
Alex Tate	CNX Gas Company, LLC	Not less than 1/8	1528/243
CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
Jennifer Marie Carrington	CNX Gas Company, LLC	Not less than 1/8	1529/272
CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
Robert S. Elliot	CNX Gas Company, LLC	Not less than 1/8	1529/679
CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
Jane E. McIntyre and Glenn C. McIntyre	CNX Gas Company, LLC	Not less than 1/8	1614/708
Jan W. Ellison and Thomas A. Eilison	CNX Gas Company, LLC	Not less than 1/8	1614/704
Marianne Ann Borkowski and Marc Borkowski	CNX Gas Company, LLC	Not less than 1/8	1614/545
Edith B. White	CNX Gas Company, LLC	Not less than 1/8	1614/649
Nancy Emerick	CNX Gas Company, LLC	Not less than 1/8	1614/145
Betty Ann Reed	CNX Gas Company, LLC	Not less than 1/8	1612/556
David Ray Stone	CNX Gas Company, LLC	Not less than 1/8	1606/619
Donald E. Stone	CNX Gas Company, LLC	Not less than 1/8	1605/624
Doris Jean White	CNX Gas Company, LLC	Not less than 1/8	1605/329
Sandra Pixler	CNX Gas Company, LLC	Not less than 1/8	1605/808
Victor A. White (4/147)	N/A	Unleased	Unleased
Melinda Reid Hatton (2/147)	N/A	Unleased	Unleased
Dennis F. Hatton Jr. (1/147)	N/A	Unleased	Unleased
Amanda Hatton (1/147)	N/A	Unleased	Unleased
• • •			

Tract ID		Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
	& Parcel	QLS#			Royalty	Book/Page
12	1-2-21	204778000	Cheryl Lynn Bennett Frankenfield	CNX Gas Company, LLC	Not less than 1/8	1516/482
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Connie Lee Norwood	CNX Gas Company, LLC	Not less than 1/8	1523/309
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Beth Ellen Younciak, a/k/a Beth Ellen Bennett	CNX Gas Company, LLC	Not less than 1/8	1524/73
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Ewing Albert Bennett	CNX Gas Company, LLC	Not less than 1/8	1523/313
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Cheryl Lynn Bennett Frankenfield	CNX Gas Company, LLC	Not less than 1/8	1524/538
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Emily B. Vellin	CNX Gas Company, LLC	Not less than 1/8	1527/243
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jennifer Sue Carpenter	CNX Gas Company, LLC	Not less than 1/8	1527/563
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Shirley Dotterer Wadsworth	CNX Gas Company, LLC	Not less than 1/8	1520/445
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Kathryn Dotterer Vahl	CNX Gas Company, LLC	Not less than 1/8	1522/69
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Theima R. Dotterer Chowning	CNX Gas Company, LLC	Not less than 1/8	1517/249
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Marc D. Prochazka	CNX Gas Company, LLC	Not less than 1/8	1526/342
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard Leslie Puchstein	CNX Gas Company, LLC	Not less than 1/8	1516/478
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Carl Eric Puchstein	CNX Gas Company, LLC	Not less than 1/8	1516/482
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as			
			Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014	CNX Gas Company, LLC		
			·		Not less than 1/8	1516/474
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			John William Bennett	CNX Gas Company, LEC	Not less than 1/8	1614/315
			Jeffery Carpenter	CNX Gas Company, LLC	Not less than 1/8	1614/727
			Kent P. Prochazka (1/18)	N/A	Unleased	Unleased

Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	1-2-18 & 1	188580000				*****
13	2-18.1	204779000	John Samuel Stewart	CNX Gas Company, LLC	Not less than 1/8 Assignment	1528/460 129/292
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment	131/339
			John Samuel Stewart	CNX Gas Company, LLC	Lease Amendment	1598/217
			Samuel William Stewart and Barbara C. Stewart	CNX Gas Company, LLC	Not less than 1/8	1528/251
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339 1592/682
			Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation	CNX Gas Company, LLC EQT Production Company	Lease Amendment Not less than 1/8	1516/268
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
			Hu's Land and Minerals LLC	EQT Production Company	Not less than 1/8	1516/270
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
Tract ID	Tax Map & Parcel	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc		
	1-2-17.2, P/O 1-2- 16.1, P/O				Royalty	Book/Page
	1-2-17, and P/O 1-					
14	2-17.1	239935000	Glenn L. White, Individually and as trustee of Glenn L. White Trust	CNX Gas Company, LLC	Not less than 1/8	1516/48
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	135/323
			Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	CNX Gas Company, LLC	Not less than 1/8	1529/268
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			David T. White and Sarah K. White	CNX Gas Company, LLC	Not less than 1/8	1543/430
			David T. White and Sarah K. White	CNX Gas Company, LLC	Lease Amendment	1601/639
			Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1 521/781 129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	CNX Gas Company, LLC	Lease Amendment	1595/520
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Not less than 1/8	1522/563
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley James Snyder	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment Not less than 1/8	1595/524 1 523/111
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Lease Amendment	1595/528
			Lacey L. Adams and Devon J. Adams	CNX Gas Company, LLC	Not less than 1/8	1612/566
			Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton			
			Revocable Living Trust James F. Hare III and Christine A. Hare	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1612/572 1604/615
			Laurence D. Hare	CNX Gas Company, LLC	Not less than 1/8	1605/618
			Cheryl Molesky	CNX Gas Company, LLC	Not less than 1/8	1605/334
			Eldon Bryant Tucker and Brenda Sue Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/828
			James Tucker and Flora Siu Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/798
			Robert Earl Tucker and Patricia Ruth Tucker David Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/822
			Charles Tucker and Barbara Arpino-Tucker	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1602/840 1602/811
			Alice T. Boone	CNX Gas Company, LLC	Not less than 1/8	1602/805
			Three Rivers Royalty II LLC	CNX Gas Company, LLC	Not less than 1/8	1616/673
			Donald Peiger	CNX Gas Company, LLC	Not less than 1/8	1612/550
			Chase Schwersenska	CNX Gas Company, LLC	Not less than 1/8	1614/712
			Chris Pelger	CNX Gas Company, LLC	Not less than 1/8	1614/639
			Carl L. Anderson and Sandra L. Anderson David Wayne Anderson	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1614/309
			David C. Anderson	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1614/153 1615/285
			Shannon Harker	CNX Gas Company, LLC	Not less than 1/8	1615/704
			John Pelger	CNX Gas Company, LLC	Not less than 1/8	1621/329
			Brenda A. Murphy	EQT Production Company	Not less than 1/8	1615/281
			EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
			Vickle L. Simmons	EQT Production Company	Not less than 1/8	1615/276
			EQT Production Company Sherry C. McCoy	CNX Gas Company, LLC EQT Production Company	Assignment Not less than 1/8	136/258 1615/278
			EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
			XTO Energy, Inc	CNX Gas Company, LLC	Fee Conveyance	1629/449
			Holly Pelger Harker	CNX Gas Company, LLC	Not less than 1/8	Not Yet Recorded
			Kelly Dilbeck (1/1152)	N/A	Unlessed	Unleased
	Tay Mar-	Title Opinion				
Tract ID	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	P/O 1-2-					
15	14	188577000	Glenn L. White, individually and as trustee of Glenn L. White Trust	CNX Gas Company, LLC	Not less than 1/8	1516/48
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc.	Assignment	129/312
			Nancy Liming and David Liming	CNX Gas Company, LLC CNX Gas Company, LLC	Assignment Not less than 1/8	135/323 1520/797
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew			
				CNX Gas Company, LLC	Not less than 1/8	1529/268
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc. David T. White and Sarah K. White	CNX Gas Company, LLC	Assignment	131/339
			David T. White and Sarah K. White	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment	1543/430 1601/639
			Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	CNX Gas Company, LLC	Not less than 1/8	1521/781
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292

09/28/2018 131/339

Book/Page 1589/96 137/387 1620/122

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Not less than 1/8

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		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	CNX Gas Company, LLC	Lease Amendment	1595/520
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Not less than 1/8	1522/563
		CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
		Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Lease Amendment	1595/524
		James Snyder	CNX Gas Company, LLC	Not less than 1/8	1523/111
		CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
		Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	CNX Gas Company, LLC	Lease Amendment	1595/528
		Lacey L. Adams and Devon J. Adams	CNX Gas Company, LLC	Not less than 1/8	1612/566
		Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton	• •		
		Revocable Living Trust	CNX Gas Company, LLC	Not less than 1/8	1612/572
		James F. Hare III and Christine A. Hare	CNX Gas Company, LLC	Not less than 1/8	1604/615
		Laurence D. Hare	CNX Gas Company, LLC	Not less than 1/8	1605/618
		Cheryl Molesky	CNX Gas Company, LLC	Not less than 1/8	1605/334
		Eldon Bryant Tucker and Brenda Sue Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/828
		James Tucker and Flora Siu Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/798
		Robert Earl Tucker and Patricia Ruth Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/822
		David Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/840
		Charles Tucker and Barbara Arpino-Tucker	CNX Gas Company, LLC	Not less than 1/8	1602/811
		Alice T. Boone	CNX Gas Company, LLC	Not less than 1/8	1602/805
			CNX Gas Company, LLC	Not less than 1/8	1616/673
		Three Rivers Royalty II LLC	CNX Gas Company, LLC	Not less than 1/8	1612/550
		Donald Peiger	• •-	Not less than 1/8	1614/712
		Chase Schwersenska	CNX Gas Company, LLC	Not less than 1/8	1614/639
		Chris Pelger	CNX Gas Company, LLC	Not less than 1/8	1614/309
		Carl L. Anderson and Sandra L. Anderson	CNX Gas Company, LLC	•	
		David Wayne Anderson	CNX Gas Company, LLC	Not less than 1/8	1614/153
		Shannon Harker	CNX Gas Company, LLC	Not less than 1/8	1615/704
		John Pelger	CNX Gas Company, LLC	Not less than 1/8	1621/329
		David C. Anderson	EQT Production Company	Not less than 1/8	1615/1
		EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
		Brenda A. Murphy	EQT Production Company	Not less than 1/8	1614/845
		EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
		Vickie L. Simmons	EQT Production Company	Not less than 1/8	1614/843
		EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
		Sherry C. McCoy	EQT Production Company	Not less than 1/8	1614/847
		EQT Production Company	CNX Gas Company, LLC	Assignment	136/258
		XTO Energy, Inc	CNX Gas Company, LLC	Fee Conveyance	1629/449
		Holly Pelger Harker	CNX Gas Company, LLC	Not less than 1/8	Not Yet Recorded
		Kelly Dilbeck (1/1152)	N/A	Unleased	Unleased
	Tax Map Title Opinio				
Tract ID	& Parcel QL5#	Grantor, Lessor, etc	Grantee, Lessee, etc		
				Royalty	Book/Page
16	1-2-19 204780000		EQT Production Company	Not less than 1/8	1516/268
		EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
		Hu's Land and Minerals LLC	EQT Production Company	Not less than 1/8	1516/270
		EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
Tract ID	Tax Map Title Opinio	Grantor, Lessor, etc	Grantee, Lessee, etc		
	& Parcel QLS #	315111-1-1-1-1-1-1	Withing Burgary.	Royalty	Book/Page
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Antero Resources Corporation CNX Gas Company, LLC CNX Gas Company, LLC

CNX Gas Company, LLC

Noble Energy, Inc.

1-2-13 188610000 Huskie Lumber Co., Inc Antero Resources Corporation Ralph Six

17

MEMORANDUM OF LEASE (West Virginia)

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into effective as of the 13th day of June 2018 (the "Effective Date"), by and between Holly Harker, a.k.a. Holly Pelger with an address at N. 5934 8th Dr., Westfield, WI 53964 ("Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Holly Harker, a.k.a. Holly Pelger N. 5934 8th Dr. Westfield, WI 53964

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: July 16 2018

Effective Date of Lease: June 13, 2018

4. DESCRIPTION OF SUBJECT PREMISES:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones between the depth of 200' below the base of the Onondaga Formation and 200' below the base of the Trenton Formation underlying the Leased Premises (as defined in Section 2 of this Lease) located in the District of Battelle, in the County of Monongalia, in the State of West Virginia, SEE 'EXHIBIT A" ATTACHED AND MADE PART OF THIS OIL AND GAS LEASE FOR PROPERTY DESCRIPTION, for all purposes of this Lease whether actually more or less and whether the tax map is correct, including small strips or parcels of contiguous land covered under Lessor's source of title (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, non-domestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.

6. RENEWAL OR EXTENSION RIGHTS:

None.

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail, including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. **EXECUTION:**

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: Holly Harker, a.k.d. Holly Pelger	LESSEE: CNX Gas Company LLC By: Douglas & Smith Name: Timothy Surmick Documents & Smith Title: Assistant Vice President
ACKNOWLED	GMENTS
STATE/COMMONWEALTH OF Wisconsin	
The foregoing instrument was acknowledge 2018 by Holly Harker, a.k.a Holly Pelger who hereof, I hereunto set my hand and official seal. (Notation Seal)	d before me on the G day of July ose name(s) is/are signed hereto. In witness NOTARY PUBLIC My commission expires 7-11-20
COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON The foregoing instrument was acknowledge	d before me on the 18th day of July
2018 by Timothy Surmick, who acknowledged h CNX Gas Company LLC, a Virginia limited lia authorized to do so, executed the foregoing instrum In witness hereof, I hereunto set my hand an (Notarial Seal) COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Casey Yantko. Notary Public Cecil Twp., Washington County My Commission Expires March 12, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES	imself to be the Assistant Vice President of ability company, and that he as such, being ent on behalf of CNX Gas Company LLC.

{B1999353.1} 4 Version WV - 4/2015
Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

EXHIBIT A

This "Exhibit A" is attached to and made part of that certain Oil and Gas Lease dated the 13th day of June 2018 by and between Holly Harker, a.k.a Holly Pelger with an address at N. 5934 8th Dr., Westfield, WI 53964, herein referred to as "Lessor," and CNX GAS COMPANY LLC, a Virginia limited liability company, having an office at 1000 CONSOL Energy Drive, Canonsburg, PA 15317, herein after referred to as "Lessee."

PROPERTY DESCRIPTION

1-2-16, 1-2-16.2, 1-2-17, Part of 1-2-16.1 and Part of 1-2-17.1, located in Battelle
District, Monongalia County, West Virginia, acquired by Deed from Levi White and
Mattie White, husband and wife, dated December 10th, 1914 and recorded in Deed Book
133, Page 269, consisting of 79.50 acres, more or less, situated in Battelle District,
Monongalia County, State of West Virginia.

MEMORANDUM OF LEASE (West Virginia)

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into effective as of the 13th day of June 2018 (the "Effective Date"), by and between Holly Harker, a.k.a. Holly Pelger, with an address at N. 5934 8th Dr., Westfield, WI 53964 ("Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Holly Harker, a.k.a. Holly Pelger N. 5934 8th Dr. Westfield, WI 53964

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: July 1/2 0/01?

Effective Date of Lease: June 13, 2018

4. DESCRIPTION OF SUBJECT PREMISES:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones between the depth of 200' below the base of the Onondaga Formation and 200' below the base of the Trenton Formation underlying the Leased Premises (as defined in Section 2 of this Lease) located in the District of Battelle, in the County of Monongalia. in the State of West Virginia, SEE 'EXHIBIT A" ATTACHED AND MADE PART OF THIS OIL AND GAS LEASE FOR PROPERTY DESCRIPTION, for all purposes of this Lease whether actually more or less and whether the tax map is correct. including small strips or parcels of contiguous land covered under Lessor's source of title (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, non-domestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.

6. RENEWAL OR EXTENSION RIGHTS:

None.

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail, including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. **EXECUTION:**

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: LESSEE: CNX Gas Company LLC Title: Assistant Vice President

ACKNOWLEDGMENTS

STATE/COMN	MONWEALTH OF	Wisconsin
COUNTY OF	Maryactk	

The foregoing instrument was acknowledged before me on the 16 day of July 2018 by Holly Harker, a.k.a. Holly Pelger whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal.

(Notaria

My commission expires _ 9_11

[CNX]

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the l^{g+n} day of $J = l^{g+n}$ 2018 by Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that he as such, being authorized to do so, executed the foregoing instrument on behalf of CNX Gas Company LLC.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Casey Yantko, Notary Public

Cecil Twp., Washington County My Commission Expires March 12, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My commission expires 3-12-2019

{B1999353.1} Version WV - 4/2015 Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

EXHIBIT A

This "Exhibit A" is attached to and made part of that certain Oil and Gas Lease dated the 13th day of June 2018 by and between Holly Harker, a.k.a. Holly Pelger with an address at N. 5934 8th Dr., Westfield, WI 53964, herein referred to as "Lessor," and CNX GAS COMPANY LLC, a Virginia limited liability company, having an office at 1000 CONSOL Energy Drive, Canonsburg, PA 15317, herein after referred to as "Lessee."

PROPERTY DESCRIPTION

 1-2-14, located in Battelle District, Monongalia County, West Virginia, acquired by Deed from Simon J. White and Lydia D. White, his wife, dated November 1st, 1905 and recorded in Deed Book 86, Page 351, consisting of 101.25 acres, more or less, situated in Battelle District, Monongalia County, State of West Virginia.

MEMORANDUM OF LEASE (West Virginia)

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into effective as of the 13th day of June 2018 (the "Effective Date"), by and between Holly Harker, a.k.a. Holly Pelger, with an address at N. 5934 8th Dr., Westfield, WI 53964 ("Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Holly Harker, a.k.a. Holly Pelger 5934 8th Dr. Westfield, WI 53964

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: July 14, 4018

Effective Date of Lease: June 13, 2018

4. DESCRIPTION OF SUBJECT PREMISES:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones between the depth of 200' below the base of the Onondaga Formation and 200' below the base of the Trenton Formation underlying the Leased Premises (as defined in Section 2 of this Lease) located in the District of Battelle, in the County of Monongalia, in the State of West Virginia, SEE 'EXHIBIT A" ATTACHED AND MADE PART OF THIS OIL AND GAS LEASE FOR PROPERTY DESCRIPTION, for all purposes of this Lease whether actually more or less and whether the tax map is correct, including small strips or parcels of contiguous land covered under Lessor's source of title (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, non-domestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.

6. RENEWAL OR EXTENSION RIGHTS:

None.

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail, including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. **EXECUTION**:

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: LESSEE: CNX Gas Company LLC By: <u>\(\frac{1}{2}\)\pi_0\(\frac{1}{2}\)</u> Title: Assistant Vice President **ACKNOWLEDGMENTS**

STATE/COMMONWEALTH OF Widensin COUNTY OF Margue Le

The foregoing instrument was acknowledged before me on the <u>I</u> day of <u>July</u> 2018 by Holly Harker, a.k.a. Holly Pelger whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal.

My commission expires 9-11

[CNX]

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the l_0^{ph} day of J_0 2018 by Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that he as such, being authorized to do so, executed the foregoing instrument on behalf of CNX Gas Company LLC.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL

Casey Yantko, Notary Public Cecil Twp., Washington County My Commission Expires March 12, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES NUTARY PUBLIC
My commission expires 3-12-20/9

{B1999353.1} Version WV - 4/2015 Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

EXHIBIT A

This "Exhibit A" is attached to and made part of that certain Oil and Gas Lease dated the 13th day of June 2018 by and between Holly Harker, a.k.a. Holly Pelger with an address at 5934 8th Dr., Westfield, WI 53964, herein referred to as "Lessor," and CNX GAS COMPANY LLC, a Virginia limited liability company, having an office at 1000 CONSOL Energy Drive, Canonsburg, PA 15317, herein after referred to as "Lessee."

PROPERTY DESCRIPTION

 1-2-17.2, Part of 1-2-17, Part of 1-2-17.1, and Part of 1-2-16.1 located in Battelle District, Monongalia County, West Virginia, acquired by Deed from Fred R. White and Marie E. White, husband and wife, dated July 2nd, 1993 and recorded in Deed Book 1070, Page 299, consisting of 60.22 acres, more or less, situated in Battelle District, Monongalia County, State of West Virginia.

AMENDMENT AND CORRECTION OF ASSIGNMENT AND BILL OF SALE

STATE OF WEST VIRGINIA §
COUNTY OF MONONGALIA §

This AMENDMENT AND CORRECTION OF ASSIGNMENT AND BILL OF SALE (this "Amendment") dated March 26, 2018, but effective as of 7:00 a.m. (Mountain Time) on June 1, 2017 (the "Effective Time"), is by and between ANTERO RESOURCES CORPORATION, a Delaware corporation ("Assignor"), whose address is 1615 Wynkoop Street, Denver, CO 80202, to CNX GAS COMPANY LLC, a Virginia limited liability company ("Assignee", and collectively with Assignor, the "Parties"), whose address is 1000 CONSOL Energy Drive, Canonsburg, PA 15317.

WHEREAS, an Assignment and Bill of Sale, effective as the Effective Time, from Assignor to Assignee, was recorded in Book 133, Page 438, Instrument No. 688340, of the Real Property Records of Monongalia, West Virginia (the "Assignment"); and

WHEREAS, it is the desire of the Parties to amend and correct certain errors in Exhibit A-1 attached to the Assignment.

NOW, THEREFORE, for a good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree to amend the Assignment as follows:

1. Amendments to Exhibit A-1. Exhibit A-1 of the Assignment is deleted in its entirety and is replaced with Exhibit A attached hereto.

2. Miscellaneous.

- a. The Parties hereby adopt, ratify, amend and correct the Assignment and all of its terms and provisions, as amended herein.
- b. This Amendment hereby amends the Assignment only to the extent provided for herein. Except as herein amended, the Assignment will remain in full force and effect as originally written.
- c. This Amendment may be executed in a number of counterparts, each of which shall be considered an original for all purposes, but shall not be binding until fully executed by all Parties.
- d. This Amendment shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.

RECTIVED
Office of Oil and Gas

e. The undersigned Assignor hereby certifies, under penalty of perjury, that it is a Delaware corporation authorized to do business in the State of West Virginia, and is therefore exempt from state income tax withholding requirements imposed by West Virginia Code Chapter 11, Article 21, Section 71b.

[Signatures and Acknowledgment Pages Follow]

RECEIVED Office of Oil and Gas

IN WITNESS WHEREOF, the Parties have executed this Amendment on the date of their respective acknowledgments below, to be effective for all purposes as of the Effective Time.

		ASSIGNOR:
		ANTERO RESOURCES CORPORATION, a Delaware corporation
		Ву:
		Name: Title:
STATE OF [●]	§ § §	
COUNTY OF [•]	§	
aforesaid, on this da acknowledged himself to be such officer, being so author	ay of, 2013 the [•] of ANTERO R rized to do so, executo	rsigned authority in and for the jurisdiction 8, before me personally appeared [•], who ESOURCES CORPORATION, and that he as ed the foregoing instrument for the purposes ration by himself as said officer.
IN WITNESS WHER	EOF, I hereunto set m	y hand and official seal.
		Notary Public
My Commission Expires: (Notarial Seal)		•

Signature and Acknowledgment Page to Amendment and Correction of Assignment and Bill of Sale

RECTIVED
Office of Ull and Gas

APR 6 2018

VAV Propartment of Environmental Protoction

ASSIGNEE:

CNX GAS COMPANY LLC a Virginia limited liability company

Name: Alexander J Reyes Title: Vice President of Land

CERTIFICATE OF RESIDENCE

I hereby certify that the precise address of the Assignee is as follows:

CNX Gas Company LLC CNX Center 1000 CONSOL Energy Drive Canonsburg, PA 15317

By: Name: Alexander J Reyes Title: Vice President of Land

COMMONWEALTH OF PENNSYLVANIA, WASHINGTON COUNTY, TO-WIT:

1, the undersigned, a notary public of the said county, do hereby certify that on this 26th day of March, 2018, before me personally appeared Alexander J Reyes, who acknowledged himself to be the Vice President of Land of CNX GAS COMPANY LLC, and that he as such officer, being so authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as said officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

4/8/2019

My commission expires:

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

2749

NOTARIAL SEAL Michele Martin, Notary Public Cecil Twp., Washington County
My Commission Expires April B. 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTABLES

Signature and Acknowledgment Page to Amendment and Correction of Assignment and Bill of Sale

RECTIVED Office of Oil and Gas

APR 6 2018

WAY Department of Environmental Protection

EXHIBIT A

to Amendment and Correction of Assignment and Bill of Sale dated effective 7:00 a.m. (Mountain Time) June 1, 2017

[See attached.]

Exhibit A to Amendment and Correction of Assignment and Bill of Sale

Office of Oil and Gas

APR 6 2018

WV Department of Environmental Profession

			Exhibit A ARC to CNX Monongalla County, WY Lesser	unty, WV Leases				
COUNTY	DISTRICT	LESSOR	LESSEE	LEASE DATE	ACRES	воок	PAGE	TAX (D
Monongalia	Battelle	Jodith Ann Thompson, a widow	Antero Resources Corporation	7/15/2016	120.37	1576	792	1-19-39, 1-19-40, 1-19-41, 1- 19-42, 1-19-42.1 & 1-19-42.2
Monongalia	Battelle	Amanda May Burns, a married woman dealing in her sole and separate property	Antero Resources Corporation	6/22/2016	120.37	1576	237	1-19-39, 1-19-40, 1-19-41, 1- 19-42, 1-19-42.1 & 1-19-42.2
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	8.75	1589	154	p/o 1-28-10
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	127.3125	1589	173	1-19-21, 23, 24, 43, 43.1
Monongalia	Battelle	Noumenon Corporation, Shuman, Antero Resources Corporation Inc. and O-Max Corporation	Antero Resources Corporation	5/9/2017	1.644	1589	186	1-19-P/O 3 1-9-P/O 3
Monongalia Monongalia	Battelle Battelle	Huskle Lumber Co., Inc. Antero Resources Corporation Fortune Development, LLC George Antero Resources Corporation E. Roeder III, Manager	Antero Resources Corporation Antero Resources Corporation	5/9/2017 12/20/2016	23.5 37.065	1589 1589	81	1-2-13 1-13-22 & 1-13-22.1
Monongalia	Battelle	Fortune Development, LLC George Antero Resources Corporation E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1206	82	1-13-22 & 1-13-22.1
Monongalia	Battelle	Rosemary Cline, Attorney-In-Fact, Antero Resources Corporation for Mary Jane Walls	Antero Resources Corporation	11/28/2016	62	1589	93	1-11-2
Monongalia	Battelle	Keith D. Watson and Sheila Watson, husband and wife	Antero Resources Corporation	12/20/2016	7.6	1585	722	1-19-13
Monongalia	Battelle		Chesapeake Appalachia, LLC	1/27/2010	157.75	1410	298	1-22-4
Monongalia	Battelle	Harriet N. Briggs, a widow	Chesapeake Appalachia, LLC	1/25/2010	157.75	1410	301	1-22-4
Monongalia	Batteile		Chesapeake Appalachia, LLC	3/2/2010	157.75	1420	S7 }	1-22-4
Monongalia	Battelle	arried	Chesapeake Appalachla, LLC	5/18/2010	157.75	1420	771	1-22-4
Monongalia	Battelle	Elizabeth Ann Swope, a włdow	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	æ	1-22-4
Monongalia	Battelle	Shirley A. Warman, married dealing in her own right	Chesapeake Appalachia, LLC	10/22/2010	157.75	1423	60	1-22-4
Monongalia	Battelle		Chesapeake Appalachia, LLC	10/27/2010	157.75	1423	604	1-22-4
Monongalia	Battelle		Chesapeake Appalachia, LLC	6/15/2010	157.75	1420	68	1-22-4
Monongalia	Battelle	GwendolynHemmann and Donald Hemmann, her husband	Chesapeake Appalachia, LLC	6/3/2010	157.75 157.75	1420 1420	76	1-22-4 1-22-4
Monongalia	Battelle	Charles K. Penrod, Jr., married	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	79	1-22-4

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Shuman, Inc.	Patricia Waltrup, Individually, and as heir of Margaret F. Hoofnagle	nagle, individually, and Aargaret F. Hoofnagle	Steven Hoofnagle, Individually, and as heir of Margaret F. Hoofnagle	Shuman, inc.	Wilma J. Meddock and Dale R. Meddock, her husband	Betty L. Boot and Jack Boot, Ir., her Chesapeake Appalachia, LLC husband	Dixie Ann Kelly, a widow	Raiph Six, Individually	Ralph Six, Individually	Shuman, Inc.	Clark Donley Stiles, a single man	Brian Walter Hearn, dealing in his own right	Cathleen Cox Stensel, married dealing in her own right	Sarah Stensel, dealing in her own	rights Patrick Lawrence Hearn, Married dealing in his own right	Joe Harless, a widower Michael Harless (aka Richard Michael Harless), dealing in own	Charles E. Tilley and Ann K. Tilley, his wife	Fern H. Giessman and George R. Giessman, her husband
Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Chesapeake Appalachia, LLC	r Chesapeake Appalachia, ЦС	Chesapeake Appalachia, LLC	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC	Chesapeake Appaiachia, LLC	Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC	Chesapeake Appalachia, LLC
5/9/2017	2/6/2017	2/6/2017	2/6/2017	5/9/2017	11/10/2011	9/23/2011	9/19/2011	5/9/2017	5/9/2017	5/9/2017	12/8/2016	5/23/2012	5/25/2012	5/25/2012	5/12/2012	11/12/2010 4/27/2012	6/14/2010	6/4/2010
97.426	8.9	8.9	8.9	19	19.25	19.25	19.25	95.75	72.33	6.2	68.84	157.75	157.75	157.75	157.75	157.75 157.75	157.75	157.75
1589	1585	1585	1585	1589	1449	1509	1509	1589	1589	1589	1577	1463	1462	1462	1463	1426 1460	1420	1420
148	713	707	704	130	524	368	362	105	102	178	300	714	721	717	710	504 164	98	87
1-7-34, 34.1, 34.2, 38, 39	1-20-3 & 1-20-3.1	1-20-3 & 1-20-3.1	1-20-3 & 1-20-3.1	1-13-P/O 35	1-19-32	1-19-32	1-19-32	9-11.5, 1-9-11.4, 1-9-11.5, 1-9 11.6, & 1-9-11.7 1-9-39, 1-9-39.1, 1-9-39.2, 1- 9-39.3, 1-9-39.4, 1-9-39.5 & 1-9-39.6	1-9-11, 1-9-11.1, 1-9-11.2, 1-	1-14-P/O 10.2 & 1-14-18.1	1-13-19 & 1-13-19.1	1-22-4	1-22-4	1-22-4	1-22-4	1-22-4 1-22-4	1-22-4	1-22-4

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Ratph Six, Individually Ratph Six, Individually	Frederick Six and George D. Six, Co- Antero Resources Corporation Trustees of the Trust created under will of Betty J. Six	Raiph Six, individually, and Frederick Six and Geroge D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Raiph Six, individually Ralph Six, individually, and Frederick Six and Geroge D. Six, Co- Trustees of the Trust created under will of Betty J. Six	Shuman, Inc.	Inc. Noumenon Corporation, Shuman, Inc. and O-Max Corporation	Stephen K. Shuman and Shuman,	Inc. Stephen K. Shuman and Shuman,	Shuman, Inc. Stephen K. Shuman and Shuman,	ohen K. Shuman and Shuman,	Shuman, Inc.	Shuman, Inc.	Shuman, Inc.	Shuman, Inc.	Shuman, Inc.	kimeric and Company, LLC, a West Antero Resources Corporation Virginia limited liability company
Antero Resources Corporation Antero Resources Corporation	- Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation .	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resoures Corporation	Antero Resources Corporation
5/9/2017 5/9/2017	5/9/2017	5/9/2017	5/9/2017 5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017 5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017
74 74.5	21.093	7.95	21.933 12.013	8	1.23	24	29	40.45625 34	115.5	×.	263.3	128.75	49	51.5	102.5
1589 1589	1589	1589	1589 1589	1589	1589	1589	1589	1589 1589	1589	1589	1589	1589	1589	1592	1589
108	8	69	87 75	165	181	159	162	151 203	200	136	191	194	197	135	8
1-9-17 1-12-28.2, 28.1, 28.2, 28.3 & 28.4	1-23-16,1	1-19-26, 26.1	1-12-29.2 & 1-12-12 1-19-25 & 1-19-25.1	1-7-43, 43.1, 43.2, 43.3, 43.4,	1-2-9/0 1	1-27-P/O 1	1-27-P/O 1	1-24-P/O 4, P/O 5 1-27-P/O 1	1-27-9	10.4, 10.5, 10.6, 10.7, 16, 16.1, 16.2, 16.3, 16.4 1-23-P/O 30	1-23-10, 10.1, 10.2, 10.3,	1-23-1.1	1-13-P/O 29	1-13-43.2, 44, 45, 1-14-P/O 8,	1-12-4

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Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle
Amato, Herbert Keith and Lori Lewis Amato, h&w	Statler, Doris P., widow, by Susane Maric Ash, her Conservator and Guardian	Simpson, David C., a married man dealing with his own separate property	Simpson, Ir., Ira J., a married man dealing with his own separate property	Lemley, Norma Jean, widow, by AIF Donald Patrick Lemley	Wernette, Jeanne	Wise, Garland and John C. Wise, w/h	Tuttle, Gracie Mae, widow; Avis B. Parker, widow; Freda L. Phillips, widow; Gertrude P. Henderson, widow; Goldie Corder, widow, by Delbert Corder, POA	Wolfe, Leona M. and Joseph H. Wolfe, w/h; Anna M. Bush and Robert Bush, w/h; Mary J. Kiger and Ronald E. Kiger, w/h; Steven E. White and Usa D. White, h/w
Dominion Exploration & Production, Inc.	Dominion Exploration & Production, Inc.	Daminion Exploration & Production, Inc.	Dominion Exploration & Production, Inc.	Dominion Exploration & Production, Inc.	Dominion Exploration & Production, Inc.	CNG Producing Company	CNG Producing Company	CNG Producing Company
7/17/2008	8/11/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	1/23/1991	1/29/1991	2/7/1991
96	96	96	8	%	96	313	313	313
1372	1376	1372	1372	1372	1372	1024	1024	1024
789	78	754	774	779	769	340	321	395
1-7-39, 1-7-40, 1-7-40.1, 1-7- 40.2, 1-7-41, 1-7-41.1, 1-7- 41.2, 1-7-41.3, 1-7-41.4, 1-7- 41.5, 1-7-41.6, 1-7-41.7	1-7-39, 1-7-40, 1-7-40, 1, 1-7-40, 2, 1-7-41, 1, 1-7-41, 2, 1-7-41	1-7-39, 1-7-40, 1-7-40, 1, 1-7-40, 2, 1-7-41, 1-7-41, 1, 1-7-41, 2, 1-7-41, 3, 1-7-41, 4, 1-7-41, 5, 1-7-41, 6, 1-7-41, 7	1-7-39, 1-7-40, 1-7-40,1,1-7- 40,2, 1-7-41, 1-7-41,1, 1-7- 41,2, 1-7-41,3, 1-7-41,4, 1-7- 41,5, 1-7-41,6, 1-7-41,7	1-7-39, 1-7-40, 1-7-40, 1, 1-7-40, 2, 1-7-41, 1-7-41, 1-7-41, 2, 1-7-41, 3, 1-7-41, 4, 1-7-41, 5, 1-7-41, 6, 1-7-41, 7	1-7-39, 1-7-40, 1-7-40,1,1-7- 40,2, 1-7-41, 1-7-41,1, 1-7- 41,2, 1-7-41,3, 1-7-41,4, 1-7- 41,5, 1-7-41,6, 1-7-41,7	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26

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Monongalia	Monongalia	Monongalia	Monongalia	Monongalia	Monongalla	Monongalia	Monongalia	Monongalia	Monongalia	Monongalia	Monongalia	Monongalia
Battelle	Battelle	Batteile	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle	Battelle
Sprawls, Roberta and Clyde R. Sprawls, w/h	Bello, Helen S. and James R. Bello, w/h	Patterson, Sr., Charles W., In his own right; Charles W. Patterson, Sr., Guardian for Mable Pauline Patterson, his wife	Henderson, Robert L., a married man dealing in his own property	Owens, Helen J. and Roy R. Owens, w/h	Park, Olaf and Edna Park, h/w	King, Charles and Rosalee King, h/w	Barker, June, widow	Park, Frances C., widow	Park, Virginia, widow	Park, Pat L. and Beverly Park, h/w; Agnes M. Ritz and James E. Ritz, w/h	Tennant, w/h; Jesse L. Park and Betty V. Park, h/w Park, Ethel I., wildow; Mary L. Hodge, married; James F. Tuttle and Jean Tuttle, h/w; Lucy Henderson and Rex M. Henderson, w/h; Opal Kennedy, wildow	West, Eleanor, widow; Wanda P. Lemley, widow; Charles W. Hart and Gioria F. Hart, h/w; Nellie Raye Tennant and James W.
CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Development Company	CNG Producing Company
4/19/1991	3/30/1991	4/1/1991	3/28/1991	4/11/1991	3/29/1991	3/27/1991	3/25/1991	3/22/1991	3/22/1991	3/13/1991	2/19/1991	2/15/1991
313	313	313	313	313	313	313	313	313	313	313	3 3	313
1027	1029	1042	1029	1027	1027	1027	1024	1024	1024	1024	1024	1024
407	658	250	583	397	417	372	360	309	403	836	334	303
1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	1·14·28, 1·14·29, 1·14·29.2, p/o 1·7·0.8883, p/o 1·14·26	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	1-14-28, 1-14-29, 1-14-29, 2, p/o 1-7-0.8863, p/o 1-14-26	1-14-28, 1-14-29, 1-14-29,2, p/o 1-7-0.8883, p/o 1-14-26						

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Battelle	Battelle	patterie		Battelle	Battelle	Batteile	Battelle	Battelle	Battelle	Battelle	Battelle	Battefle	Battelle	Battelle	Battelle	Battelle	Battelle
rtha Sue, individually as ine Clovis Kerr, deceased	Straight Brett R And Susan Straight His Wife	straight barbara Joingte	activity solly so	Husband Delaney Larry W	Keller Norma And John Keller Her	Wright Patricia A Single Woman	Rutan Debra (Fka Debra Bennington) Married	Mc Mineral Company Lic	Dwg Oil & Gas Acquisitions Lic By William H Gaston As Managing	Betty Lou Straight Widow	Shuman, Inc.	Kimeric and Company, LLC, a West Antero Resoures Corporation Virginia limited liability company	kimeric and Company, LLC, a West Antero Resoures Corporation Virginia limited liability company	Shuman, Inc.	Stevenson, B.M. and V.E. Stevenson, h/w	Shuman, Inc.; Howard Enterprises, Inc.; Chester A. Shuman, widower; Betty J. Harworth, widow	Keene, Christine L., widow; Rita Golemiewski, single; Patrick Golembiewski and Diane Golembiewski, h/hy; Jerry Golembiewski, single; Vidci Milczewski and August J. Milczewski and August J. Milczewski, w/h; Theresa Peterson and Carl Patterson, w/h; Phyllis Clarke, a married woman
Antero Resources Corporation	Chesapeake Appalachia Lic	Cnesapeake Appalachia Lic	cucapheave obheatened tir	Checonosta Appalachia III	Chesapeake Appalachia Lic	Chesapeake Appalachia Lic	Chesapeake Appalachia Lic	Chesapeake Appalachia Lic	Chesapeake Appalachia Llc	Chesapeake Appalachia Llc	Antero Resoures Corporation	Antero Resoures Corporation	Antero Resoures Corporation	Antero Resoures Corporation	CNG Producing Company	CNG Producing Company	CNG Producing Company
8/25/2016	7/28/2011	8/2/2011	12/20/2010	12/20/2010	11/1/2010	11/1/2010	10/29/2010	3/29/2013	10/6/2011	7/14/2010	5/9/2017	5/9/2017	5/9/2017	5/9/2017	11/4/1991	6/12/1991	5/24/1991
81.6	279.16	279.16	<i>C1.331</i>	;	279.16	266.66	279.16	87.952	å	ħ	36.612	SS	36.5	8	134	134	313
1577	1443	1443	1428	<u>;</u>	1425	1436	1425	1480	1448	1418	1589	1589	1589	1589	1041	1041	1029
297	234	229	263	}	801	571	26	141	37	775	145	63	8	133	54 2	552	567
1-9-36 & 1-12-5	1-21-1; p/o 1-20-12; 1-22-1; 1	1-21-1; p/o 1-20-12; 1-22-1; 1 22-2; p/o 1-22-3; 1-19-35	1-21-1; p/o 1-20-12; 1-22-1; 1 22-2; p/o 1-22-3	22-2; p/o 1-22-3; 1-19-35	22-2; p/o 1-22-3; 1-19-35 1-21-1; p/o 1-20-12; 1-22-1; 1	1-21-1; p/o 1-20-12; 1-22-1; 1	1-21-1; p/o 1-20-12; 1-22-1; 1 22-2: p/o 1-22-3; 1-19-35	1-19-30	1-19-35	1-19-35	1-7-25, P/O 25.1, 25.2, 25.3,	1-4-6	1-9-20	1-7-40, 40.1, 40.2, 41, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.9 & 41.10	1-7-34, 1-7-34.1, 1-7-34.2, 1- 7-38, p/o 1-7-35.1, p/o 1-7-	1-7-34, 1-7-34.1, 1-7-34.2, 1- 7-38, p/o 1-7-35.1, p/o 1-7- 37	1-14-28, 1-14-29, 1-14-29, p/o 1-7-0.8883, p/o 1-14-26

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Mary Jane Walls Rosemary Cline	Vandenberghe, Amy, a married woman dealing in her sole and	Cox, Frank G., Jr.	Vandenberghe, Amy, a married woman dealing in her sole and separate property			
Antero Resoures Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation		-
n 3/20/2017	on 6/25/2016	on 6/25/2016	on 6/25/2016			
62	82.8	82.8	248.25	248.25 248.25	93 248.25 248.25	93 93 248.25 248.25
1589	1571	1571	1571	1571 1571	1574 1571 1571	1574 1574 1571 1571
ឌ	783	795	786	789 786	789 786	619 628 789 786
01-11-02	1-10-3, 1-10-3.1	1-10-3, 1-10-3.1	01-01-0006-0000-0000	01-01-0006-0000-0000	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4 01-01-0006-0000-0000 01-01-0006-0000-0000	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4 1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4 01-01-0006-0000-0000 01-01-0006-0000-0000

RECTIVED
Office of Oil and Gas

MEMORANDUM OF LEASE

(West Virginia) 243015000

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into as of the 2 day of Formula at 2018, and effective as of the 13th day of February, 2018 (the "Effective Date"), by and between Mt. Tabor United Methodist Church by its Trustees; Roy L. Hall, Victoria Hall, John L. Miller, Karen Miller, Sonya Miller, Adam Miller, Barbara Wagner, Lillian Wagner, Beto Gorostieta, Bill Archeart, Lynda Archeart and Leonard Hall, with an address at 71 Country Road, Fairview, WV 26570 ([collectively,] "Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Mt Tabor United Methodist Church 71 Country Road Fairview, WV 26570

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

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(B1999353.1) 1 Version WV - 4/2045 WV Department of Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317 Nental Protection

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: Feb. 2, 2018

Effective Date of Lease: February, 13th 2018

4. <u>DESCRIPTION OF SUBJECT PREMISES</u>:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones underlying the Leased Premises located in Battelle District, Monongalia County, West Virginia, Property Tax Parcel Identification No.'s 31-01-0002-0022-0000 and 31-01-0002-0024-0000, said parcels being more particularly described by instrument dated June 18, 1841, and recorded at OS 18, Page 186, by instrument dated October 15, 1888 and recorded at Deed Book 42, Page 198, by instrument dated October 24, 1902, and recorded at Deed Book 89, Page 159, and by instrument dated October 29, 1902, and recorded at Deed Book 89, Page 160, containing approximately 5.00 acres, (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, nondomestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

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5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.
- 6. RENEWAL OR EXTENSION RIGHTS: NONE

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail. including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. EXECUTION:

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

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Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

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IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: Mt Tabor United Methodist Church	LESSEE: CNX Gas Company LLC	
By: Roy L. Hall, Trustee	By: Name: Timothy Surmick Title: Assistant Vice President	(p }
By: Victoria Hall, Trustee Au Julian By: John L. Miller, Trustee By: Karen Miller, Trustee By: Karen Miller, Trustee By: Sonya Miller, Trustee		
By: Sonys Miller, Trustee By: Adam Miller, Trustee By: Barbara Wagner, Trustee By: Lillian Wagner, Trustee		
By: Beto Gorostieta, Trustee Huffalet By: Bill Archeart, Trustee Lynda Archeart, Trustee By: Lynda Archeart, Trustee	Leonard Hall, Trustee	PECTIVED Office of Cil and Gas APR 6 2018

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: Mt Tabor United Methodist Church	LESSEE: CNX Gas Company LLC					
By: Roy I. Hall, Trustee Sy: Victoria Hall, Prustee	By:					
By: John L. Miller, Trustee						
By: Karen Miller, Trustee						
By: Sonya Miller, Trustee						
By: Adam Miller, Trustee						
By: Barbara Wagner, Trustee						
By: Lillian Wagner, Trustee						
By: Beto Gorostieta, Trustee						
By: Bill Areheart, Trustee						
By: Lynda Areheart, Trustee	Leonard Hall, Trustee					

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APR 6 2013

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF FLOADON COUNTY OF 1776 11 CANOS	_
The foregoing instrument was acknowledge	ed before me on the ID day of CID
2018 by Mt. Tabor Methodist Church by its Tru	ustees: Roy I. Hall and Victoria Hall whose
name(s) is/are signed hereto.	and victoria Han, whose
In witness hereof, I hereunto set my hand a	and official seal.
(Notarial Seal) AV PUL MICHAEL ERIC CAVE MY COMMISSION # GG 043152 EXPIRES: November 5, 2020	J-11/8-C
Bonded Thru Budget Notary Services	NOTARY PUBLIC My commission expires <u>S` パセレン み</u>
STATE/COMMONWEALTH OFCOUNTY OF	_
The foregoing instrument was acknowledge	ed before me on the day of
2018 by Mt. Tabor Methodist Church by its Tru	stees; John L. Miller and Karen Miller
whose name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand a (Notarial Seal)	nd official seal.
	NOTARY PUBLIC
	My commission expires
STATE/COMMONWEALTH OFCOUNTY OF	
The foregoing instrument was acknowledge	ed before me on the day of
2018 by Mt. Tabor Methodist Church by its Tru whose name(s) is/are signed hereto.	stees; Sonya Miller and Adam Miller,
In witness hereof, I hereunto set my hand ar (Notarial Seal)	nd official seal.
	NOTARY PUBLIC
	My commission expires

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Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

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APR 6 2013

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF	
COUNTY OF	
The foregoing instrument was acknowle	dged before me on the day of,
2018 by Mt. Tabor Methodist Church by its 7	Trustees; Roy L. Hall and Victoria Hall, whose
name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand (Notarial Seal)	and official seal.
(Indialiai Seal)	
	NOTARY PUBLIC
	My commission expires
	commission expires
STATE/COMMONWEALTH OF WVA	
COUNTY OF MONDNAMA	
The foregoing instrument was acknowled	dged before me on the 21 rd day of FeB
2018 by Mt. Tabor Methodist Church by its I	rustees; John L. Miller and Karen Miller
whose name(s) is/are signed hereto.	
In witness hereof becounts set my hand	l and official seal.
Site arial Seal VIFICIAL SEAL	
JEFFREY L HIGGANS One Energy Drive	
Jano Lew, WV 26378 My Commission Expires September 18, 2022	NOTARY PUBLIC
The second secon	My complission expires 9-18-22
STATE/COMMONWEALTH OF WUA	
COUNTY OF MONONIA LIKE	
The foregoing instrument was solenowled	lood has a see a 200 1 c Ca a
The foregoing instrument was acknowled 2018 by Mt. Tabor Methodist Church by its T	resident Service May of Pes
whose name(s) is/are signed hereto.	rustees; Sonya Miller and Adam Miller,
In witness hereof, I hereunto set my hand	and official real
(Notarial Seal)	and official scal.
OFFICIAL SEAL	NOTARY PUBLIC
Notary Public, State Of West Virginia JEFFREY L RIGGANS	My commission expires 9-18-22
One Energy Drive Jane Lew, WV 26378	
My Commission Expires September 18, 2022	

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Office of Cit and Gas

APR 6 2013

WV Dispairment of Environmental Protection

STATE/COMMONWEALTH OF WAR COUNTY OF WONGAL A The foregoing instrument was acknowledged before me on the day of Feb 2018 by Mt. Tabor Methodist Church by its Trustees; Barbara Wagner and Lillian Wagner, whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal. (Notarial Seal) OFFICIAL SEAL Notary Public, State Off West Vitorija NOTARY) PUBLIC
JEFFREY L RIGGANS One Energy Drive Jano Lew, WV 28378 My Commission Expires September 18, 2022 STATE/COMMONWEALTH OF
The foregoing instrument was acknowledged before me on the 2 day of FeB, 2018 by Mt. Tabor Methodist Church by its Trustees; Beto Gorostieta, whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal. (Notarial Seal)
OFFICIAL SEAL Notary Public, State Of West Virginia JEFFREY RIGGANS One Energy Orive Jane Low, WV 28378 My Commission Expires September 18, 2022
STATE/COMMONWEALTH OF COUNTY OF Allerty The foregoing instrument was acknowledged before me on the 6 day of 6 day of 2018 by Mt. Tabor Methodist Church by its Trustees; Bill Archeart and Lynda Archeart whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal. (Notarial Seal)
COMMONWEALTH OF PENNSYLVANIA NOTARY PUBLIC NOTARIAL SEAL Jordan A. Adkins. Notary Public Bethel Park Boro, Allegheny County My Commission Expires March 22, 2021 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

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Office of Oil and Gas

APR 6 2018

STATE/COMMONWEALTH OF WV	
COUNTY OF MONONGALIA	
The foregoing instrument was acknowledged	before me on the Znd day of FeB
2018 by Mt. Tabor Methodist Church by its Trust	es: Leonard Hall, whose name(s) is/are
signed hereto.	, , , , , , , , , , , , , , , , , , ,
In witness hereof, I hereunto set my hand and	official seal
(Notarial Seal)	
OFFICIAL SEAL	
Notary Public, State Of West Virginia	OTARY PUBLIC
	1) commission expires 9-18-22
Jane Lew, WV 28378 My Commission Expires September 18, 2022	ty commission expires
ia) Contamodativi Expires depurituer 18, 2022	
COMMONWEALTH OF PENNSYLVANIA	
COUNTY OF WASHINGTON	
The foregoing instrument was acknowledged b	efore me on the day of
2018 by Timothy Surmick, who acknowledged him	self to be the Assistant Vica President of
CNX Gas Company LLC, a Virginia limited liabi	lity company and that he as such being
authorized to do so, executed the foregoing instrument	on hehalf of CNY Gos Company I.I.C.
In witness hereof, I hereunto set my hand and o	official saal
(Notarial Seal)	miciai scai.
,	
N	OTARY PUBLIC
	y commission expires
LYJ	y commussion expires

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Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

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MEMORANDUM OF OIL AND GAS LEASE 10359

THIS MEMORANDUM OF OIL AND GAS LEASE ("Memorandum"), dated this 8th day of March 2918, by and between Ralph Siz, hereinafter called "Lessor" (whether one or more) and CNX Gas Company LLC, a Virginia limited liability company whose address is 1000 CONSOL Energy Drive, Canonsburg, PA 15317, hereinafter referred to as "Lessoe".

WITNESSETH:

WHEREAS, Lessor has entered into an Oil and Gas Lease with Lessee dated the 8th day of March 2018, (the "Lease") and

WHEREAS, for good and valuable consideration, the receipt of which having been acknowledged and accepted by the Lessor, the Lessor did grant, demise, lease and let exclusively unto Lessee the lands hereinafter described for the purposes of exploring by geological and geophysical and other methods, (including, but not limited to, conducting seismets surveys), drilling either vertically or horizontally, operating for, producing oil or gas or both including methane gas present in or associated with those formations lying between the top of the Rhinestreet Shale Formation through a depth of two hundred (200) feet below the top of the Trenton Formation (the "Target Formations"), as more particularly described in the Lesse, and the exclusive right to inject air, gas, water, brine or other fluids into the subsurface strata and any and all other rights and privileges necessary, incident to, or convenient for the economical operation of the lands, alone or conjointly with neighboring lands for these purposes, together with the right and easement to construct, operate, repair, maintain, resize and remove pipelines, telephone, power and electric lines, tanks, ponds, roadways, plants, equipment and structures thereon to produce, save, store and take care of such substances.

WHEREAS, said lands being described in the Lease as situated on the waters of <u>Dunkard Creek</u> in the District of <u>Battelle</u>.

County of <u>Monongatia</u>, State of West Virginia, and being bounded now or formerly substantially as follows, to wit:

On the North by lands of:

Thomas M. Hennen Heirs & Matilda Hagan

On the East by lands of: On the South by lands of: On the West by lands of: Matilda Hagan Thomas White F.M. Staggers

Said lands, as of the date of the Lease being identified for tax purposes as tract or parcel number 1-2-13. Notwithstanding said tax map and parcel designation, the Lease shall be effective as to the tract actually owned by Lessor whether or not the tax map designation correctly identifies the location or acreage of the tract. Being also the same tract described in Deed dated 97/08/1963 and recorded in the Office of the Clerk of the County Commission in and for Monongalla County, State of West Virginia, filled as Record Book 616, Page 78. It being the purpose and intent of Lessor to lease, all interests in the lands above described now owned or hereafter acquired by Lessor, and all strips or parcels of land now owned by Lessor, or hereafter acquired which adjoin the above described lands. For all purposes of the Lease, including determining the amount of delay rentals, royalties and shut-in royalties thereunder, said land shall be deemed to contain 23.5 gross acres whether it actually contains more or less. For all purposes of this Memorandum, references to oil and gas or either of them shall mean oil, or gas, or both and all substances which are constituents of, or produced with, oil or gas, whether similar or dissimilar, or produced in a gaseous, liquid, or solid state (as further defined in Paragraph 1 of the Lease), and

WHEREAS, the primary term of said Lease commenced March 8, 2018 for a term of FIVE (5) YEAS. The primary term of the Lease shall be extended for as long thereafter as oil and/or gas is produced from the Lease premises or lands with which the Lease is unitized or pooled; or as long as drilling operations are continuously prosecuted as provided in the Lease; or as long as the leased premises shall be operated or otherwise maintained by Lessee, its successors or assigns, in accordance with the terms and provisions of the Lease, unless earlier terminated in accordance with the terms and provisions of the Lease, and

WHEREAS, pursuant to the terms of the Lease, the Lessee is granted a one-time option to renew the Lease at any time prior to the expiration of its primary term, under the same terms and provisions as provided for in the Lease, for an additional THREE [3] YEARS, as set forth herein above. If Lessee exercises its option to renew the lease, the primary term of this lease shall be considered to be continuous, commencing on the date of the Lease and continuing from the date of the Lease to the end of the extended primary term, and as long thereafter as oil and/or gas is produced from the Lease premises or lands with which the Lease is unitized or pooled; or as long as drilling operations are continuously prosecuted as provided in the Lease, or as long as the leased premises shall be operated or oftenwise maintained by Lessee. Lessee, in its sole determination, will decide if it wishes to exercise the option to renew the Lease, and is under no mandatory obligation to renew the Lease. Lessee may exercise this option by paying to Lessor the sum of the original bonus paid (as bonus and paid up rentals) at any time prior to the expiration of the Lease, and

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WV Department of Environmental Protection

WHEREAS, pursuant to the terms of the Lease, A Horizontal Well drilled pursuant to the Lease into the Target Formations and Formation that shall be (a) placed in a unit or pool, and (b) within six hundred forty (640) feet, measured on a horizontal Well. Further, all portions of the Target Formation that shall be (a) placed in a unit or pool, and (b) within six hundred forty (640) feet, measured on a horizontal plane, from any point where the Horizontal Well shall intersect the Target Formations, including the "heel" and "toe" of the Horizontal Well. Further, all portions of the Target Formation that shall be (a) placed in a unit or pool, and (b) within six hundred forty (640) feet, measured on a horizontal well. plane, of a Horizontal Well completed in Commercially Paying Quantities, that shall be drilled within the unit or pool, but not within the Lessor's Target Formation itself, will be classified as Earned Acreage and will hold as Earned Acreage past the end of the primary term and remain subject to the Lease. All portions of the Target Formations, regardless of whether unitized or pooled, that shall not be within six hundred forty (640) feet of a Horizontal Well completed in Commercially Paying Quantities at the expiration of the primary term shall be conclusively deemed to be non-Earned Acreage and excluded from Earned Acreage and the Lease shall automatically terminate as to all such non-Earned Acreage at the expiration of the primary term, or any extension thereof. As to all such non-Earned Acreage, Lessee shall have the affirmative obligation, within twenty (20) calculated the state of the state o days of Lessor's written request therefore, to prepare in recordable form and execute, acknowledge, and file/record, when applicable, a release of the Lease as to all such non-Earned Acreage. In the event that the Lessor does not elect such acreage to be deemed non-Earned screage, such acreage shall be included in such unit, and

WHEREAS, At the end of the Primary Term of the Lease (which Primary Term may be extended as hereinabove described), the Lease shall expire as to all depths lying 100' above and 100' below any Producing Formation, provided, however, if the Lessee, its successors or assigns, should be engaged in Operations on the Leased Premises or on lands pooled or unitized therewith, then this Lease shall continue in full force and effect as to all formations and depths until such Operations have been completed and a Producing Formation has been established; provided however that such Operations may only extend the primary term for twelve (12) months so as to cause a Horizontal Well on the Lease or lands unitized therewith to be completed and produced in Commercially Paying Quantities, and

WHEREAS, the parties hereto incorporate all terms, covenants, provisions, conditions, royalties, shut-in royalties, and rentals as set forth in the Lease by reference as though fully written and set forth herein. In the event the Lease is amended or supplemented by written instrument executed by the parties in interest thereto or assigned or terminated in any manner permitted under the terms thereof, then without any further act or instrument whatsoever, this Memorandum shall likewise and to the same effect be amended, assigned or terminated, as the case may be. This Memorandum is executed in simplified short form for the convenience of the parties and for the purpose of recording the same and this Memorandum shall not in any way bave the effect of modifying, supplementing or abridging the Lease or any of its provisions now or hereafter in force and effect

WHEREAS, all terms capitalized herein shall have the meaning defined in the Lease.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands the day and year first above written, signed and acknowledged in the presence of:

CNX Gas Company LLC

By: Timothy Surmick
Tule: Asistant Vice President

lat Sing

[Acknowledgements Follow]

Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg, PA 15317

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Office of Oil and Gas

Environmental Protection

INDIVIDUAL ACKNOWLEDGEMENT

STATE/COMMONWEALTH OF West Virginia	
The foresting instrument was asknowledged before me on	the 23ed day of March, 2018 by Ralph Six, whose
the research and manufactures are secure and despite the on	ule 22 day of 1/0/24 2018 by Kaipa Six, whose
name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand and official seal.	
(Notarial Seal)	15-6
MAAAAAAA	NOTARY PUBLIC / /
	My commission expires $12/4/2.2$
BRIAN POLK	my commission expires 12/1/22
Notary Public Official Seal	•
State of West Virginia	
My Comm. Expires Dec 4, 2022	
1 Energy Drive Jane Lew WV 26378	

CORPORATE ACKNOWLEDGEMENT

COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the way of March. 2018 by Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that he as such, being authorized to do so, executed the foregoing instrument on behalf of CNX Gas Company LLC.

In witness hereof, I hercunto set my hand and official seal. (Notarial Scal)

COMMONWEALTH OF PENNSYLVANIA

NOTARNAL SEAL
Casey Yantko, Notary Public
Cecil Twp., Washington County
My Commission Expires March 12. 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF KOTAR ES

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Office of Oil and Gas

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MEMORANDUM OF LEASE

(West Virginia)

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into effective as of the 2012 day of March, 2018 (the "Effective Date"), by and between John Pelger, with an address at 1863 W. 16th Avenue, Friendship, WI 53934 ("Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

John Pelger 1863 W. 16th Avenue Friendship, WI 53934

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

3. <u>DATE OF LEASE EXECUTION/EFFECTIVE DATE:</u>

Date of execution of Lease:	3/20/18
Effective Date of Lease:	3/20/18

4. <u>DESCRIPTION OF SUBJECT PREMISES:</u>

All the oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones underlying the Leased Premises (as defined in Section 2 of this Lease) located in the District of Battelle, in the County of Monongalia, in the State of West Virginia, SEE **'EXHIBIT A" ATTACHED AND MADE PART OF THIS OIL AND GAS LEASE** FOR PROPERTY DESCRIPTION, for all purposes of this Lease whether actually more or less and whether the tax map is correct, including small strips or parcels of contiguous land covered under Lessor's source of title (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, non-domestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

5. <u>TERM OF LEASE</u>:

A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").

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WV Department of Environmental Froteution B. <u>Secondary Term</u>. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "<u>Secondary Term</u>"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.

6. RENEWAL OR EXTENSION RIGHTS:

None.

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail. including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. EXECUTION:

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

RECEIVED
Office of Oil and Gas

6 2013

WV Depositors of Environmental Protection

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executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR:

LESSEE:
CNX Gas Company LLC

John Felger

By:
Name: Timothy Surmick

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have

Title: Assistant Vice President

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Ciffical of Oil and Gas

APR 6 2018

MC Superfunction Environmental Projection

EXHIBIT A

12535

This "Exhibit A" is attached to and made part of that certain Oil and Gas Lease dated the 2011 of MACL, 2018 by and between John Pelger, with an address at 1863 W. 16th Avenue, Friendship, WI 53934, herein referred to as "Lessor," and CNX GAS COMPANY LLC, a Virginia limited liability company, having an office at 1000 Consol Energy Drive, Canonsburg, PA 15317, herein after referred to as "Lessee."

PROPERTY DESCRIPTION

- 1. 1-2-14, located in Battelle District, Monongalia County, West Virginia, acquired by Deed from Simon J. White and Lydia D. White, his wife, dated November 1st, 1905 and recorded in Deed Book 86, Page 351, consisting of 101.25 acres, more or less, situated in Battelle District, Monongalia County, State of West Virginia.
- 2. 1-2-16, 1-2-16.2, 1-2-17, Part of 1-2-16.1 and Part of 1-2-17.1, located in Battelle District, Monongalia County, West Virginia, acquired by Deed from Levi White and Mattie White, husband and wife, dated December 10th, 1914 and recorded in Deed Book 133. Page 269, consisting of 79.50 acres, more or less, situated in Battelle District, Monongalia County, State of West Virginia.
- 3. 1-2-17.2, Part of 1-2-17, Part of 1-2-17.1, and Part of 1-2-16.1 located in Battelle District, Monongalia County, West Virginia, acquired by Deed from Fred R. White and Marie E. White, husband and wife, dated July 2nd, 1993 and recorded in Deed Book 1070, Page 299, consisting of 60.22 acres, more or less, situated in Battelle District, Monongalia County, State of West Virginia.

APR 6 2018

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF Wiscons	<u>in</u>
20 <u>18</u> by John Pelger whose name(s) is/are s hand and official seal. (Notarial Seal)	edged before me on the 20th day of March signed hereto. In witness hereof, I hereunto set my ARY PUBLIC My Chamission expires 33-19-19
[CNX] COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON The foregoing instrument was acknowle 20 by Timothy Surmick, who acknowledge	edged before me on the day of, ed himself to be the Assistant Vice President of d liability company, and that he as such, being rument on behalf of CNX Gas Company LLC

RECEIVED
Office of Oil and Gas

{B1999353.1} 6 Version WV - 4/2015 APR 6 2018
Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

WV Department of Environments Protection

AMENDMENT AND CORRECTION OF ASSIGNMENT AND BILL OF SALE

STATE OF WEST VIRGINIA §

COUNTY OF MONONGALIA §

This AMENDMENT AND CORRECTION OF ASSIGNMENT AND BILL OF SALE (this "Amendment") dated March 26, 2018, but effective as of 7:00 a.m. (Mountain Time) on June 1, 2017 (the "Effective Time"), is by and between ANTERO RESOURCES CORPORATION, a Delaware corporation ("Assignor"), whose address is 1615 Wynkoop Street, Denver, CO 80202, to CNX GAS COMPANY LLC, a Virginia limited liability company ("Assignee", and collectively with Assignor, the "Parties"), whose address is 1000 CONSOL Energy Drive, Canonsburg, PA 15317.

WHEREAS, an Assignment and Bill of Sale, effective as the Effective Time, from Assignor to Assignee, was recorded in Book 133, Page 438, Instrument No. 688340, of the Real Property Records of Monongalia, West Virginia (the "Assignment"); and

WHEREAS, it is the desire of the Parties to amend and correct certain errors in Exhibit A-1 attached to the Assignment.

NOW, THEREFORE, for a good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree to amend the Assignment as follows:

1. Amendments to Exhibit A-1. Exhibit A-1 of the Assignment is deleted in its entirety and is replaced with Exhibit A attached hereto.

2. Miscellaneous.

- a. The Parties hereby adopt, ratify, amend and correct the Assignment and all of its terms and provisions, as amended herein.
- b. This Amendment hereby amends the Assignment only to the extent provided for herein. Except as herein amended, the Assignment will remain in full force and effect as originally written.
- c. This Amendment may be executed in a number of counterparts, each of which shall be considered an original for all purposes, but shall not be binding until fully executed by all Parties.
- d. This Amendment shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.
- e. The undersigned Assignor hereby certifies, under penalty of perjury, that it is a Delaware corporation authorized to do business in the State of West Virginia, and is therefore exempt from state income tax withholding requirements imposed by West Virginia Code Chapter 11, Article 21, Section 71b.

[Signatures and Acknowledgment Pages Follow]

IN WITNESS WHEREOF, the Parties have executed this Amendment on the date of their respective acknowledgments below, to be effective for all purposes as of the Effective Time.

ASSIGNOR:

ANTERO RESOURCES CORPORATION, a Delaware corporation

ву:______

Name: William J. Pierini

Title: Vice President, Commercial

Contracts

STATE OF COLORADO

8

COUNTY OF DENVER

8 §

Personally appeared before me, the undersigned authority in and for the jurisdiction aforesaid, on this <u>UU</u> day of <u>MAYCA</u>, 2018, before me personally appeared William J. Pierini, who acknowledged himself to be the Vice President, Commercial Contracts of ANTERO RESOURCES CORPORATION, and that he as such officer, being so authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as said officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 5/22/19

(Notarial Seal)

Harley Alexander McVey
NOTARY PUBLIC
STATE OF COLORADO
NOTARY DE 20144420819
MY COMMISSION EXPRES MW 22, 2015

ASSIGNEE:

CNX GAS COMPANY LLC a Virginia limited liability company

By: Vr U

Name: Alexander J Reyes
Title: Vice President of Land

CERTIFICATE OF RESIDENCE

I hereby certify that the precise address of the Assignee is as follows:

CNX Gas Company LLC CNX Center 1000 CONSOL Energy Drive Canonsburg, PA 15317

COMMONWEALTH OF PENNSYLVANIA, WASHINGTON COUNTY, TO-WIT:

I, the undersigned, a notary public of the said county, do hereby certify that on this 26th day of March, 2018, before me personally appeared Alexander J Reyes, who acknowledged himself to be the Vice President of Land of CNX GAS COMPANY LLC, and that he as such officer, being so authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as said officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Notary Public

My commission expires: 4/8/2019
(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
Michele Martin. Notary Public
Cacil Twp., Washington County
My Commission Expires April 8, 2019

2744

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Dribbit A ARC to Citx Monongalio County, WV Leases								
COUNTY	DISTRICT	LESSOR	LESSEE	LEASE DATE	ACRES	BOOK	PAGE	TAX IO
Monongalia	Bettelle	Jodith Ann Thompson, a widow	Antero Resources Corporation	7/15/2016	120.37	1576	792	1-19-39, 1-19-40, 1-19-41, 1- 19-42, 1-19-42-1 & 1-19-42-2
Monongalia	Battelle	Amenda May Burns, a married women dealing to her sole and separate property	Antero Resources Corporation	6/22/2016	120.87	1576	237	1-19-39, 1-19-40, 1-19-41, 1- 19-42, 1-19-42,1 & 1-19-42,2
Monongalia Monongalia	Bettelle Bettelle	Shuman, Inc. Shuman, Inc.	Antero Resources Corporation Antero Resources Corporation	5/9/2017 5/9/2017	8.75 127.3125	1589 1589	154 173	p/o 1-28-10 1-19-21, 29, 24, 43, 43.1
Monongalia	Bettelle	Noumenon Corporation, Shuman, Inc. and O-Max Corporation	Antero Resources Corporation	5/9/2017	1.644	1589	186	1-19-P/O 45 1-9-P/O 3
Monongalis	Settelle	Huskie Lumber Co., Inc.	Antero Resources Corporation	5/9/2017	23.5	1589	95	1-2-13
Monongalle	Sattelle	Fortune Development, LLC George E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1589	81	1-13-22 & 1-13-22.1
Monongalia	Battelle	Fortune Development, LLC George E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1206	22	1-13-22 & 1-13-22.1
Monongalis	Battelle	Rosemany Cline, Attorney-In-Fact, for Many Jane Walls		11/28/2016	62	1589	93	1-11-2
Monongalis	Bettelle	Kelth D. Watson and Shella Watson, husband and wife	Antero Resources Corporation	12/20/2016	7.6	1585	722	1-19-13
Monongalia	Battelle	Donne Medden, a widow	Chesapeake Appalachia, LLC	1/27/2010	157.75	1410	298	1-22-4
Monongalia Monongalia	Battalle Battelle	Karriet M. Briggs, a widow Elaine L. Derrick, a widow	Chesapaska Appalachia, LLC Chesapaska Appalachia, LLC	1/25/2010 1/28/2010	157.75 157.75	1410 1410	301 304	1-22-4 1-22-4
Monongaila	Battelle	Ruth V. Lough, a widow	Chesapaska Appalachia, LLC	1/24/2010 1/2/2010	157.75	1420	57	1-22-4
Monongzila	Battelle	Robecco Rayo Russell, married	Chesapeake Appalachia, LLC	5/18/2010	157.75	2420	771	1-22-4
Monongalia	Battelle	dealing in her own right Elizabeth Ann Swope, a widow	Chesapeshe Appelachia, LLC	6/3/2010	157.75	1420	83	1-22-4
Monongalia	Battelle	Shirley A. Warman, married dealing in her own right	Chesspeake Appelachia, LLC	10/22/2010	157.75	1423	600	1-22-4
Monongalla	Bettelle	William Merie Warman	Chesepeske Appelachia, LLC	10/27/2010	157.75	1423	604	1-22-4
Monongaille	Battalle	Nancy A. Kelley, a widow	Chesapaska Appelachia, LLC	6/15/2010	157.75	2420	68	1-22-4
Monongalia	Battelle	John R. Hall, Jr., a widower GwendolynHemmenn and Donald	Chesapeeka Appelachia, LLC	6/1/2010 6/3/2010	157.75 157.75	1420 1420	72 76	1-22-4 1-22-4
Monongalia	Bettelle	GwendorynHemmenn and Donald Hemmenn, her husbend	Chesapeeke Appelachia, U.C.	43/2010	E).J3	1-20	/6	
Monongalia	Sattalle	Charles K. Penrod, Jr., married dealing in his own right	Chesopeeke Appalechia, LLC	6/3/2010	157.75	1420	79	1-22-4
Monongalia	Sattelle	Fern H. Glessman and George R. Glessman, her husband	Chesepeeke Appelachia, LLC	6/4/2010	157.75	1420	87	1-22-4
Monongalie	Battelle	Charles E. Tilley and Ann K. Tilley, his wife		6/14/2010	157.75	1420	90	1-22-4
Monongalia Monongalia	Battelle Battelle	Joe Harless, a widower Michael Harless (alsa Richard Michael Harless), dealing in own	Checapeake Appalachia, LLC Checapeake Appalachia, LLC	11/12/2010 4/27/2012	157.75 157.75	1426 1460	504 154	1-22-4 1-22-4
Monongalle	Settelle	rights Patrick Lawrence Hearn, Married dealing in his own right	Chesspeake Appelachia, LLC	\$/12/2012	157.75	1463	710	1-22-4
Monongalia	Battelle	Serah Stansel, dezling in her own right	Chesepeske Appelechia, LLC	5/25/2012	157.75	1462	717	1-22-4
Monongalle	Sattelle	Cathleen Cox Stensel, merried dealing in her own right	Chesepeaka Appelachia, LLC	\$/25/2012	157.75	1462	721	1-22-4
Monongalia	Bettelle	Brian Walter Hearn, dealing in his own right	Chesapeake Appelachia, LLC	5/23/2012	157.75	1463	714	1-22-4
Monongalia	Bettelle	Clerk Donley Stiles, a single man	Antero Resources Corporation	12/8/2016	68.84	1577	500	1-13-19 & 1-13-19-1
Monongalia	Battello	Shumen, Inc.	Antero Resources Corporation	5/9/2017	6.2	1589	178	1-14-9/0 10.2 & 1-14-18.1
Monongalia	Battelle	Raiph Six, individually	Antero Resources Corporation	5/9/2017	72.33	1589	102	14-11, 14-11.1, 14-11.2, 1- 9-11.3, 14-11.4, 14-11.5, 1- 9-11.6, & 14-11.7
Monongalia	Battelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	95.75	1589	105	1-9-39, 1-9-39,1, 1-9-39,2, 1- 9-39,1, 1-9-39,4, 1-9-39,5 & 1-9-39,6
Monongalia	Battelle	Dixle Ann Kelly, a widow	Chesapeoke Appelachia, LLC	9/19/2011	19.25	1509	362	1-19-32
Monongalia	Battelle	Betty L. Boot and Jack Boot, Jr.,	Chesapeske Appelachia, LLC	9/23/2011	19.25	1509	368	1-19-32
Monongalia	Battelle	her husband Wilms J. Meddock and Oals R.	Chesapeeke Appelachia, LLC	11/10/2011	19.25	1449	524	1-19-32
Monongalia	Bettelle	Meddock, her husband Shumen, Inc.	Antero Resources Corporation	5/9/2017	19	1589	130	1-13-9/0 35
Monongalia	Sattelle	Steven Hoofnegle, Individually,	Antero Resources Corporation	2/4/2017	2.9	1585	704	1-20-8 & 1-20-3.1
Monongalia	Sattelle	and as heir of Margaret F. Hoofnagle David Hoofnagle, Individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	2.9	1585	707	1-20-3 & 1-20-9.1
Monongalia	Sattelle	Petricle Weltrup, Individually, and as helr of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	713	1-20-3 & 1-20-3.1
Monongalis Monongalis	Bettelle Bettelle	Shuman, Inc. Kimeric and Company, LLC, a West Virginia limited Exhility company	Antero Resources Corporation Antero Resources Corporation	\$/9/2017 \$/9/2017	97.426 102.5	1589 1589	148 66	1-7-34, 34.1, 34.2, 58, 39 1-12-4
Monongalia	Battalle	Shuman, Inc.	Antero Resoures Corporation	5/9/2017	51.5	1592	135	1-13-43-2, 44, 45, 1-14-9/0
Monongalia	Battelle	Shumon, Inc.	Antero Resources Corporation	5/9/2017	49	1589	197	8, 1-17-1, 1.1, 1-18-11 1-13-9/0 29
Monongzila	Battelle	Shumen, Inc.	Antero Resources Corporation	5/9/2017	128.75	1589	194	1-23-1.1
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	263.3	1589	191	1-23-10, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 16,
Monongalle	Battelle	Shumen, Inc.	Antero Resources Corporation	5/9/2017	52	1589	156	16.1, 16.2, 16.3, 16.4 1-23-P/O 90
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Monongalia	Bettelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	115.5	1589	200	1-27-9
Monongalia Monongalia	Settalle Settalle	Shuman, Inc. Stephen K. Skuman and Shuman,	Antero Resources Corporation Antero Resources Corporation	5/9/2017 5/9/2017	40.45625 34	1589 1589	151 203	1-24-P/O 4, P/O 5 1-27-P/O 1
Monongalia	Settelle	Inc. Stephen K. Shumen and Shumen,		5/9/2017	29	1589	162	1-27-9/0 1
Monongzila	Battelle	inc. Stephen K. Shuman and Shuman,	Antero Resources Corporation	5/9/2017	24	1589	159	1-27- 9/ 0 1
Monongzile	Battalle	inc. Noumenon Corporation, Shuman, Inc. and O-Max Corporation	Antero Resources Corporation	5/9/2017	1.23	1589	181	1-2-9/01
Monongalla	Sattelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	60	1589	165	1-7-49, 49.1, 43.2, 49.3, 43.4,
Monongalia Monongalia	Battelle Battelle	Raiph Six, Individually Raiph Six, Individually, and Frederick Sh and Geroge D. Six, Co-	Antero Resources Corporation Antero Resources Corporation	5/9/2017 5/9/2017	21.933 12.013	1589 1589	87 75	43.5, 43.6 1-12-29.2 & 1-12-12 1-19-25 & 1-19-25.1
Monongalia	Battelle	Trustees of the Trust created under will of Betty J. Six Relph Six, individually, and Frederick Six and Geroge D. Six, Co- Trusties of the Trust created	Antero Resources Corporation	\$/9/2017	7.95	1589	69	1-19-26, 26.1
Monongalle	Bettelle	under will of Betty J. Six Frederick Six and George D. Six, Co-	Antero Resources Corporation	5/9/2017	21.093	1529	99	1-23-16.1
		Trustees of the Trust created under will of Betty J. Siz		43,202,	22.000		••	
Monongalia Monongalia	Sattelle Sattelle	Reigh Six, individually Reigh Six, individually	Antero Resources Corporation Antero Resources Corporation	\$/9/2017 \$/9/2017	74 74.5	1589 1589	90 108	1-9-17 1-12-28.2, 28.1, 28.2, 28.3 &
Monongalia	Settelle	Ameto, Herbert Kelth and Lori Lewis Ameto, hillw	Dominion Exploration & Production, Inc.	7/17/2008	96	1972	789	28.4 1-7-39, 1-7-40, 1-7-40.1,1-7- 40.2, 1-7-41, 1-7-41.1, 1-7- 41.2, 1-7-41.3, 1-7-41.4, 1-7-
								415, 1-7-41.6, 1-7-41.7
Monongalia	Settzile	Statler, Dorts P., widow, by Susane Marie Ash, her Conservator and Guardian	Dominion Exploration & Production, Inc.	8/11/2008	96	1376	78	1-7-39, 1-7-40, 1-7-40,1,1-7- 40.2, 1-7-41, 1-7-41.2, 1-7- 41.2, 1-7-41.3, 1-7-41.4, 1-7- 41.5, 1-7-41.6, 1-7-41.7
Monongalia	Battelle	Simpson, David C., a married man dealing with his own separate property	Dominion Exploration & Production, Inc.	7/17/2008	96	1972	754	1-7-39, 1-7-40, 1-7-40.1,1-7- 40.2, 1-7-41, 1-7-41.1, 1-7- 41.2, 1-7-41.8, 1-7-41.4, 1-7- 41.5, 1-7-41.6, 1-7-41.7
Monongalia	Battelle	Simpson, Ir., ire J., a merried man dealing with his own separate property	Dominion Exploration & Production, Inc.	7/17/2008	96	1372	774	1-7-39, 1-7-40, 1-7-40.1,1-7- 40.2, 1-7-41, 1-7-41.1, 1-7- 41.2, 1-7-41.3, 1-7-41.4, 1-7- 41.5, 1-7-41.6, 1-7-41.7
Monongsila	Battelle	Lemley, Norme Jesn, widow, by AIF Donald Patrick Lemley	Dominion Exploration & Production, Inc.	7/17/2008	96	1972	779	1-7-39, 1-7-40, 1-7-40.1,1-7- 40.2, 1-7-41, 1-7-41.1, 1-7- 41.2, 1-7-41.3, 1-7-41.4, 1-7- 41.5, 1-7-41.6, 1-7-41.7
Monongalia	Battelle	Wernette, Jeenne	Dominion Exploration & Production, Inc.	7/17/2006	96	1372	769	1-7-39, 1-7-40, 1-7-40.1,1-7- 40.2, 1-7-41, 1-7-41.1, 1-7- 41.2, 1-7-41.3, 1-7-41.4, 1-7- 41.5, 1-7-41.6, 1-7-41.7
Monongalia	Battelle	Wise, Gertand and John C. Wise, w/h	CNG Producing Company	1/23/1 99 1	313	1024	340	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Bettelle	Tuttle, Gracie Mae, widow; Avis B. Parker, widow; Frede L. Phillips, widow; Gertrude P. Henderson, widow; Goldie Corder, widow, by Delbert Corder, POA	CNG Producing Company	1/29/1991	313	1024	321	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Settelle	Wotle, Leone M. and Joseph H. Wotle, w/h; Anne M. Bush and Robert Bush, w/h; Mary J. Kiger and Roneld E. Kiger, w/h; Staven E. White and Lisa D. White, h/w	CNG Producing Company	2/7/1991	313	1024	295	1-14-28, 1-14-29, 1-14-29-2, p/o 1-7-0.8889, p/o 1-14-26
Monongalia	Battelle	West, Eleanor, widow; Wanda P. Lemley, widow; Cherles W. Hart and Gloria F. Hart, h/w; Helle Raye Yennant and James W.	CNG Producing Company	2/15/1 99 1	319	1024	903	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.2883, p/o 1-14-26
Monongzila	Battalle	Tennent, w/h; Jesse L. Perk and Bestry V. Perk, h/w Park, Ethel L, widow; Mary L. Hodge, married; James F. Tuttle and Jean Tuttle, h/w; Lucy Henderson and Rass M. Henderson, w/h; Opal Kennedy, widow	CNG Development Company	2/19/1991	313	1024	934	1-14-28, 1-14-29, 1-14-29.2. p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Bettelle	Park, Pat L. and Beverly Park, k/w; Agnes M. Ritz and James E. Ritz,	CNG Producing Company	D/13/1991	313	1024	836	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Batzelle	w/h Park, Virginia, widow	CNG Producing Company	8/22/1991	313	1024	403	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Sattelle	Park, Frances C., widow	CNG Producing Company	9/2 2/1991	313	1024	309	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Sattelle	Barker, June, widow	CNG Producing Company	1/25/1991	313	1024	360	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongzille	Sattelle	King, Charles and Rosslee King, h/w	CNG Producing Company	9/27/1991	313	1027	372	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongafia	Battelle	Park, Olef and Edna Park, h/w	CNG Producing Company	1/29/1991	313	1027	417	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
					315		397	1-14-29, 1-14-29, 1-14-29,2

Monongalle	Battelle	Henderson, Robert L., a married men decling in his own property	CNG Producing Company	1/21/1991	313	1029	583	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8888, p/o 1-14-26
Monangalis	Battelle	Petterson, Sr., Charles W., in his own right; Charles W. Patterson, Sr., Guardian for Meble Pauline Petterson, his wife	CNG Producing Company	4/1/1991	313	1042	250	1-14-28, 1-14-29, 1-14-29-2, p/o 1-7-0.8883, p/o 1-14-25
Monongalia	Bettelle	Sello, Helen S. and James R. Bello, w/h	CNG Producing Company	3/30/1991	913	1029	658	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Battelio	Sprowls, Roberts and Clyde R. Sprowls, w/h	CNG Producing Company	4/19/1991	313	1027	407	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.6883, p/o 1-14-26
Afonongzile	Settafie	Keene, Christine L., widow; Rita Golemiewski, single; Petrick Golemblewski and Diane Golemblewski, Alex; serry Golemblewski, Jer; serry Golemblewski, single; Victi Milczewski and August I. Milczewski, with; Theresa Peterson and Carl Patterson, w/h; Phyllis Clarke, a mer/ted woman	CNG Producing Company	5/24/1991	319	1029	\$67	1-14-28, 1-14-29, 1-14-29, 2, p/o 1-7-0.8883, p/o 1-14-26
Monongalis	Battoffe	Shuman, Inc.; Howard Enterprises, Inc.; Chester A. Shuman, widower; Betty J. Harworth, widow	CNG Producing Company	6/12/1991	134	1041	552	1-7-34, 1-7-34.2, 1-7-34.2, 1- 7-38, p/o 1-7-35.1, p/o 1-7- 37
Monangalla	Bettelle	Stevenson, B.M. and V.E. Stevenson, h/w	CKG Producing Company	11/4/1991	134	1041	542	1-7-34, 1-7-34.1, 1-7-34.2, 1- 7-38, p/o 1-7-35.1, p/o 1-7- 37
Monongalle	Battelle	Shumen, Inc.	Antero Resoures Corporation	5/9/2017	95	1589	133	1-7-40, 40.1, 40.2, 41, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.9 & 41.10
Monongalia	Battelle	Kimeric and Company, LLC, a West	Antaro Resoures Corporation	\$/9/2017	38.5	1589	60	1-9-20
Monongalle	Battelle	Virginia limited liability company Kimeric and Company, LLC, a West	Antero Resoures Corporation	5/9/2017	55	1589	63	1-4-6
Monongalle	Settelle	Virginia limited Rability company Shuman, Inc.	Antero Resoures Corporation	\$/9/2017	36.612	1589	145	1-7-25, P/O 25-1, 25-2, 25-3,
Monongalla	Battelle	Betty Lou Straight Widow	Chesapeake Appalachia Lic	7/14/2010	45	1418	775	25.5 1-19-35
Monongalle	Battelle	Dwg Oli & Gas Acquisitions Lie By	Chesapeake Appalachia Lic	10/6/2011	45	1448	37	1-19-35
Monongalia	Battelle	Willem H Geston As Meneging Mc Mineral Company Lic	Chesapeake Appelechie Lic	3/29/2013	87.952	1480	141	1-19-30
Monongalla	Battalle	Rutan Debra (Fka Debra	Chesapeake Appalachia Lic	10/29/2010	279.15	1425	56	1-21-1; p/o 1-20-12; 1-22-1;
Monongalta	Battelle	Bennington) Married Wright Patricia A Single Woman	Chesapeake Appelachie Lic	11/1/2010	266.66	1435	571	1-22-2; p/o 1-22-3; 1-19-35 1-21-1; p/o 1-20-12; 1-22-1;
Monongalle	Sattelle	Keller Norma And John Keller Her	Chesapeake Appalachia Uc	11/1/2010	279.16	1425	801	1-22-2; p/o 1-22-3; 1-19-35 1-21-1; p/o 1-20-12; 1-22-1;
Monongaila	Sattelle	Husband Delaney Lerry W	Chesapeake Appalachia Lic	12/20/2010	222.75	1428	263	1-22-2; p/o 1-22-3; 1-19-35 1-21-1; p/o 1-20-12; 1-22-1;
Monongalle	Battelle	Straight Barbara J Single	Chesspeake Appelachta Lic	8/2/2011	279.16	1443	229	1-22-2; p/o 1-22-3 1-21-1; p/o 1-20-12; 1-22-1;
Monongatta	Sattelle	Straight Brett R And Susan Straight	Chesapeake Appelachia Lic	7/28/2011	279.16	1443	234	1-22-2; p/o 1-22-8; 1-19-35 1-21-1; p/o 1-20-12; 1-22-1;
Monongzila	Bettelle		Antero Resources Corporation	8/25/2016	81.5	1577	297	1-22-2; p/o 1-22-3; 1-19-35 1-4-36 & 1-12-5
Monongalia	Battello		Antero Resources Corporation	8/25/2016	81.5	1577	294	1-9-35 & 1-12-5
Monongalia	Battelle		Antero Resources Corporation	8/25/2016	93	1574	619	1-19-10, 1-19-10.1, 1-19-
Monongalle	Bettelle		Antero Resources Corporation	8/25/2016	93	1574	628	10.2, 1-19-10.3, 1-19-10.4 1-19-10, 1-19-10.1, 1-19-
Monongalia	Battelle	June Clovis Kerr, deceased Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	248.25	1571	789	10.2, 1-19-10.3, 1-19-13.4 01-01-0006-0000-0000
Monongalia	Battelle	Vandenberghe, Amy, a merried woman dealing in her sole and separate property	Antero Resources Corporation	6/25/2016	248.25	1571	785	01-01-0008-0000-0000
Monongalle	Battelle	Cox, Frank G., Ir.	Antero Resources Corporation	6/25/2016	82.8	1571	795	1-10-3, 1-10-3.1
Monongalia	Battelle	Vandenberghe, Arry, a merried	Antero Resources Corporation	6/25/2016	82.8	1571	783	1-10-8, 1-10-3.1
Monongalia	Sattelle	woman dealing in her sole and Mary Jane Walls Rosemery Cline	Antero Resoures Corporetion	3/20/2017	62	1589	93	01-11-02
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COUNTY	DISTRICT	WOSET!	LEXXEE	TIAG RALL	ACHES	NOOK		TAX ID
Monongalia	Battelle	Joëth Ann Thompson, a widow	Antero Resources Corporation	7/15/2016	120.37	1576	792	1-19-39, 1-19-40, 1-19-41, 1- 19-42, 1-19-42.1 & 1-19-42.2
Monongalla	Battelle	Arranda May Burns, a married woman dealing in her sole and separate property	Antero Resources Corporation	6/22/2016	120.37	1576	237	1-19-39, 1-19-40, 1-19-41, 1- 19-42, 1-19-42.1 & 1-19-42.2
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	8.75	1589	ž	p/o 1-28-10
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	127.3125	1589	173	1-19-21, 23, 24, 43, 43.1 1-19-2/0 45
Monongalia	Battelle	Noumenon Corporation, Shuman, Inc. and O-Max Corporation	Antero Resources Corporation	5/9/2017	1644	15.88	186	1-9-7/03
Monongalia Monongalia	Battelle Battelle	Hustie Lumber Co., Inc. Antero Resources Corporation Fortune Development, LLC George Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation	5/9/2017 12/20/2016	23.5 37.065	1589 1589	28	1-2-13 1-13-22 & 1-13-22.1
		E. ROEDET III, MANAGET						
Monongalia	Sattelle	Fortune Development, ILC George Antero Resources Corporation E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1206	23	1-13-22 & 1-13-22.1
Monongalia	Battelle	Rosemary Cline, Attorney-in-Fact, Amero Resources Corporation for Mary Jane Walls	Antero Resources Corporation	11/28/2016	ß	1589	8	1-11-2
Monongalia	Battelie	Ketth D. Watson and Shella Watson, husband and wife	Antero Resources Corporation	12/20/2016	7.6	1585	72	1-19-13
Monongalia	Battelle	Donna Madden, a widow	Chesapeake Appalachia, LLC	1/27/2010	157.75	1410	26	1-22-4
Monongalia	Battelle	Harriet N. Briggs, a widow	Chesapeske Appalachia, LLC	1/25/2010	157.75	1410	305	1-22-4
Monongaila	Battelle	Elaine L. Derrick, a widow	Chesapeake Appalachia, LLC	1/28/2010	157.75	1410	ğ	1-22-4
Monongaila	Battelle	Ruth V. Lough, a widow	Chesapeake Appalachia, LLC	3/2/2010	157.75	1420	57	1-22-4
Monongalia	Batte lle	Rebecca Raye Russell, married dealing in her own right	Chesapeake Appaiachia, LLC	\$/18/2010	157.75	1420	73	1-22-4
Monongalia	Battelle	Elizabeth Ann Swope, a widow	Cheszpeske Appalachia, LLC	6/3/2010	157.75	1420	8	1-22-4
Monongalla	Battelle	Shirley A. Warman, married dealing in her own right	Chesapezko Appatachia, LLC	10/22/2010	157.75	1423	8	1-22-4
Monongzila	Battelle	William Merie Warman	Chesapeake Appalachia, LLC	10/27/2010	157.75	1423	\$	1-22-4
Monongalia	Battelle	Nancy A. Kelley, a widow	Chosapeato Appalachia, LLC	0102/51/9	157.75	7430 0541	83	1-22-4
Monongalia	Battelle	John R. Hzll, Jr., a widower	Chesapeate Appalachia, LLC	6/1/2010	157.75	1420	z	1-22-4
Monongalia	Battelle	GwendolynHemmann and Donald Hemmann, her husband		0102/6/9	157.75	1420	76	1.234
Monongalia	Battelle	Charles K. Penrod, Jr., married dealing in his own right	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	8	1-22-4

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Shuman, Inc.	Patricia Waltrup, Individually, and as helr of Margaret F. Hoofnagle	David Hoofnagle, Individually, and as heir of Margaret F. Hoofnagle	Streen Hoofnagle, inclvidually, and as heir of Margaret F.	Shuman, Inc.	Wilma J. Meddock and Dale R. Meddock, her husband	Betty L. Boot and Jack Boot, Jr., her Chesapeake Appalachia, LLC husband	Dide Ann Kelly, a widow	Raiph Six, individually	Raiph Six, individually	Shuman, Inc.	Clark Donley Stiles, a single man	Brian Walter Heam, dealing in his	Cathleen Cox Stensel, married dealing in her own right	Serah Stensel, dealing in her own	Patrick Lawrence Hearn, Married dealing in his own right	Joe Harless, a widower Michael Harless (alsa Richard Michael Harless), dealing in own rights	Charles E. Tilley and Ann K. Tilley,	Fern H. Glessman and George R. Glessman, her husband
Antero Resources Corporation	Antero Resources Corporation	Artiero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Chesapeake Appalachia, LLC	r Chesspeake Appalachia, LLC	Chesapeake Appalachia, LLC	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Chesapeake Appelachia, LLC	Chesapeake Appalachia, LLC	Chesapezko Appalachia, LLC	Chesspeake Appalachia, U.C	Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC	Chesapeaha Appalachia, LLC	Chesapeake Appolachia, LLC
5/9/2017	2/6/2017	2/6/2017	2/6/2017	5/9/2017	11/10/2011	9/23/2011	9/19/2011	5/9/2017	5/9/2017	5/9/2017	12/8/2016	5/23/2012	5/25/2012	5/25/2012	5/12/2012	13/12/2010 4/27/2012	6/14/2010	6/4/2010
97.426	8	8	8	19	19.25	19.25	19.25	54 54	72.33	£	68.84	157.75	157.75	157.75	157.75	157.75 157.75	157.75	157.75
1589	1585	585	1585	1589	1449	1509	1509	1588	1589	1589	1577	1463	162	1462	1463	1426 1460	1420	1420
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Reiph Six, Individually Reiph Six, Individually	Frederick Str and George D. Str, Co- Antero Resources Corporation Trustees of the Trust created under will of Betty J. Str.	Raiph St, Individually, and Frederick Strand Geruge D. St, Co- Trustees of the Trust created under will of Betty J. Str	Raiph Str., Individually, and Raiph Str., Individually, and Frederick Str and Geroge D. Str., Co-Trustees of the Trust created under will of Betty J. Str.	Shuman, Inc.	Noumenon Corporation, Shuman, Inc. and O-Max Corporation	Stephen K. Shuman and Shuman,	Stephen K. Shuman and Shuman,	Shuman, Inc. Stephen K. Shuman and Shuman,	Stephen K. Shuman and Shuman,	Shuman, Inc.	Shuman, Inc.	Shuman, Inc.	Shuman, Inc.	Shuman, Inc.	Kimeric and Company, LLC, a West Antero Resources Corporation Virginia limited liability company
Antero Resources Corporation Antero Resources Corporation	- Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resources Corporation	Antero Resoures Corporation	Antero Resources Corporation
5/9/2017 5/9/2017	5/9/2017	S/9/2017	5/9/2017 5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017 5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017	5/9/2017
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10,8	8	8	31 89	8	181	159	162	203	8	136	191	19	197	135	8
1-9-17 1-12-28-2, 28-1, 28-2, 28-3 & 28-4	1-23-16.1	1-19-26, 26.1	1-12-25 & 1-13-12 1-19-25 & 1-19-25.1	1-7-43, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6	1-2-P/O 1	1-27-9/01	1-27-P/O 1	1-24-P/O 4, P/O 5 1-27-P/O 1	1-27-9	161, 162, 163, 164 1-23-P/0 30	1-23-10, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 16,	1-23-1.1	1-13-9/0 29	1-13-43-2, 44, 45, 1-14-P/O 8, 1-17-1 1 1 1-18-11	1-12-4
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Aments interest (either et lori Demakton Epidention & 7/1/7/2008 98 1972 789 1-7-24,	Monongalia	Monongalls	Monongalla	Monongalia	Monongalia	Menongzila	Monongzila	Monengalia	Monongalla
Domition Depiction & 7/2/2008 55 1377 789 13-24, 13-44, 13-44, 17-7 79 50 and Domition Exploration & 2/11/2008 56 1376 78 13-29, 13-44, 13-44, 17-7 79 50 and Domition Exploration & 7/17/2008 56 1372 74 13-29, 13-44, 13-44, 13-7 79 50 and Domition Exploration & 7/17/2008 56 1372 74 13-29, 13-44, 13-44, 13-7 79 50 and Domition Exploration & 7/17/2008 56 1372 74 13-39, 13-44, 13-44, 13-7 79 50 and Domition Exploration & 7/17/2008 56 1372 774 13-39, 13-44, 13-44, 13-7 79 50 and Domition Exploration & 7/17/2008 56 1372 779 13-39, 13-44, 13-44, 13-7 79 50 and Domition Exploration & 7/17/2008 56 1372 779 13-39, 13-44, 13-44, 13-7 79 50 and Domition Exploration & 7/17/2008 56 1372 779 13-39, 13-44, 13-44, 13-7 <td>Battelle</td> <td>Battolie</td> <td>Bathelle</td> <td>Battelle</td> <td>Battelle</td> <td>Battelle</td> <td>Battelle</td> <td>Battelle</td> <td>Batteile</td>	Battelle	Battolie	Bathelle	Battelle	Battelle	Battelle	Battelle	Battelle	Batteile
7/17/2008 96 1377 789 1-789, 1-740, 1-740, 1-7 8/11/2008 96 1376 78 1-789, 1-740, 1-741, 1-7 8/11/2008 96 1376 78 1-789, 1-740, 1-741, 1-7 8/11/2008 96 1377 794 1-789, 1-740, 1-741, 1-7 8/11/2008 96 1377 794 1-789, 1-740, 1-741, 1-7 1/17/2008 96 1377 794 1-789, 1-740, 1-741, 1-7 1/17/2008 96 1377 797 1-789, 1-740, 1-741, 1-7 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17/2008 96 1377 799 1-789, 1-740, 1-741, 1-741 1/17	Amato, Herbert Ketth and Lori Lowis Amato, h&w	Statler, Dorfs P., widow, by Susane Marie Ash, her Conservator and Guardian	Simpson, David C., a married man dealing with his own separate property	Simpson, Ir., ira J., a married man dealing with his own separate property	Lemley, Norma Jean, widow, by AIF Donald Patrick Lemley	Wernette, Jeanne	Wise, Garland and John C. Wise, w/h	Tuttle, Grade Mae, widow; Avis B. Parker, widow; Freda L. Philips, widow; Gertrude P. Henderson, widow; Goldle Corder, widow, by Delbert Corder, PQA	Wolfe, Leona M. and Joseph H. Wolfe, w/ht; Anna M. Bush and Robert Bush, w/ht; Many J. Idger and Ronald E. Idger, w/ht; Steven E. White and I to n White how
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Sprowis, Roberta and Clyde R. Sprowis, w/h	Bello, Helen S. and James R. Bello, w/h	Patterson, Sr., Charles W., in his own right; Charles W. Patterson, Sr., Guardian for Mable Pauline Patterson, his wrife	Henderson, Robert L., a married man dealing in his own property	Owens, Helen J. and Roy R. Owens, w/h	Park, Olaf and Edna Park, h/w	King, Charles and Rosalee King, h/w	Barker, June, widow	Park, Frances C., widow	Park, Virginia, widow	Park, Pat L and Beverly Park, h/w; Agnes M. Ritz and James E. Ritz, w/h	Park, Ethell, widow; Mary L Hodge, married; James F. Tuttle and Jean Tuttle, h/w; Lucy Henderson and Rox M. Henderson, w/h; Opal Kennedy, widow	West, Eleanor, widow; Wanda P. Lemley, widow; Charles W. Hart and Gloria F. Hart, h/w; Nefile Raye Tennant and James W. Tennant, w/h; Jess L. Park and associations.
CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Producing Company	CNG Development Company	CNG Producing Company
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Olis Frenductig Company \$14/1991 134 1001 52 1-794, 1-7942, 1-	His Wife Kerr, Martha Sue, Individually as	Straight Brett R And Susan Straight	Straight Barbara J Single	Delaney Larry W	Husband	Wallandia and Jaka Wallandia	Bennington) Married Wright Patricia A Single Woman	Rutan Debra (Fiza Debra	Mc Mineral Company Lic	Dwg Oil & Gas Acquisitions tic By William H Gaston As Manusine	Betty Lou Straight Widow	Shuman, Inc.	Virginia limited liability company	Virginia limited liability company	Kimeric and Company, LLC, a West	Shuman, Inc.	Stevenson, B.M. and V.E. Stevenson, h/w	Shuman, Inc.; Howard Enterprises, Inc.; Chester A. Shuman, widower, Betty J. Harworth, widow	Reene, Christine L., widow; Rta Golerniewski, single; Patrick Golerniewski, hwr. Jerry Golerniewski, hwr. Jerry Golerniewski, angle; Victi Milczewski and August J. Milczewski, w/h; Theress Peterson and Carl Patterson, w/h; Phylis Carto, a married woman
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MEMORANDUM OF LEASE

(West Virginia) -243015000 [0179

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into as of the 2 day of February, 2018, and effective as of the 13th day of February, 2018 (the "Effective Date"), by and between Mt. Tabor United Methodist Church by its Trustees; Roy L. Hall, Victoria Hall, John L. Miller, Karen Miller, Sonya Miller, Adam Miller, Barbara Wagner, Lillian Wagner, Beto Gorostieta, Bill Archeart, Lynda Archeart and Leonard Hall, with an address at 71 Country Road, Fairview, WV 26570 ([collectively,] "Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Mt Tabor United Methodist Church 71 Country Road Fairview, WV 26570

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: Feb, 2, Zo 18

Effective Date of Lease: February, 13th 2018

4. DESCRIPTION OF SUBJECT PREMISES:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones underlying the Leased Premises located in Battelle District, Monongalia County, West Virginia, Property Tax Parcel Identification No.'s 31-01-0002-0022-0000 and 31-01-0002-0024-0000, said parcels being more particularly described by instrument dated June 18, 1841, and recorded at OS 18, Page 186, by instrument dated October 15, 1888 and recorded at Deed Book 42, Page 198, by instrument dated October 24, 1902, and recorded at Deed Book 89, Page 159, and by instrument dated October 29, 1902, and recorded at Deed Book 89, Page 160, containing approximately 5.00 acres, (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, nondomestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "Primary Term").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.
- 6. RENEWAL OR EXTENSION RIGHTS: NONE

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail, including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. EXECUTION:

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR:	LESSEE:
Mt Tabor United Methodist Church	CNX Gas Company LLC
	By: Name: Pimothy Surmick Title: Assistant Vice President
By: Roy L. Hall, Trustee	
By: Victoria Hall, Trustee	
By: John L. Miller, Trustee	
By: Karen Miller, Trustee	
By: Sonya Miller, Trustee	
By: Adam Miller, Trustee	
By: Barbara Wagner, Trustee	
Fllenham (T)	
By: Lillian Wagner, Trustee	
By: Beto Gorostieta, Trustee	
Howker be at	
By: Bill Archeart, Trustee	. 0
Lynda archeart	ford Hall
By: Lynda Areheart, Trustee	Leonard Hall, Trustee

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR:	LESSEE:
Mt Tabor United Methodist Church	CNX Gas Company LLC
	By:
By: Roy L. Hall, Trustee Without Jol By: Victoria Hall, Frustee	Name: Timothy Surmick Title: Assistant Vice President
By: John L. Miller, Trustee	
By: Karen Miller, Trustee	-
By: Sonya Miller, Trustee	
By: Adam Miller, Trustee	-
By: Barbara Wagner, Trustee	
By: Lillian Wagner, Trustee	
By: Beto Gorostieta, Trustee	-
By: Bill Areheart, Trustee	
By: Lynda Areheart, Trustee	Leonard Hall, Trustee

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF	
COUNTY OF	
The foregoing instrument was acknowled	
2018 by Mt. Tabor Methodist Church by its Transe(s) is/are signed hereto.	rustees; Roy L. Hall and Victoria Hall, whose
In witness hereof, I hereunto set my hand (Notarial Seal)	and official seal.
	NOTARY PUBLIC
	My commission expires
STATE/COMMONWEALTH OF WVA	
COUNTY OF MONONAMIA	
The foregoing instrument was acknowled	ged before me on the ZM day of FeB
2018 by Mt. Tabor Methodist Church by its Ti	
whose name(s) is/are signed hereto.	
Anavitness hereof. Lhereunto set my hand	and official seal.
Official Seal Notary Public, State Of West Virginia	
JEFFREY LRIGGANS	
One Energy Drive Jane Lew, WV 26378	NOTARY PUBLIC
My Commission Expires September 18, 2022	My commission expires 9-18-22
STATE/COMMONWEALTH OF LINE	
STATE/COMMONWEALTH OF WVA	_
The foregoing instrument was acknowled	and hafara ma on the 200 day of FeB
2018 by Mt. Tabor Methodist Church by its T	rustages Sonya Millar and Adam Millar
whose name(s) is/are signed hereto.	rustees, Sonya Willer and Adam Willer,
In witness hereof, I hereunto set my hand	and official coal
(Notarial Seal)	and official scal.
(Inotalial Seal)	
OFFICIAL SEAL	NOTARY PUBLIC
Notary Public, State Of West Virginia	
JEFFREY L RIGGANS One Energy Drive	My commission expires 9-18-22
Jane Lew, WV 26378 My Commission Expires September 18, 2022	
Service Commission Com	

-1 - 3-

STATE/COMMONWEALTH OF WVA	
COUNTY OF MONONSALA	_
The foregoing instrument was acknowled	ged before me on the 2th day of Feb,
2018 by Mt. Tabor Methodist Church by its To	rustees: Rarbara Wagner and Lillian
Wagner, whose name(s) is/are signed hereto.	usices, Darbara wagner and Liman
In witness hereof, I hereunto set my hand	and official seal
(Notarial Seal)	and official seat.
(Notarial Scar)	
OFFICIAL SEAL	NOTARY)PUBLIC
Notary Public, State Of West Virginia JEFFREY L RIGGANS	My commission expires 9-18-22
One Energy Drive Jane Lew, WV 26378	my commission express
My Commission Expires September 18, 2022	
STATE/COMMONWEALTH OF WVA	
COUNTY OF MONO NOALIA	
The foregoing instrument was acknowled	ged before me on the 200 day of FeB
2018 by Mt. Tabor Methodist Church by its Ti	rustees: Beto Gorostieta, whose name(s) is/are
signed hereto.	and the second s
In witness hereof, I hereunto set my hand	and official seal.
(Notarial Seal)	
yasaaaaaaaaaaaaaaa	
OFFICIAL SEAL Notary Public, State Of West Virginia	NOTARYPUBLIC
JEFFREY L RIGGANS	My commission expires 9-18-22
One Energy Drive Jane Lew, WV 26378	
My Commission Expires September 18, 2022	
0	
STATE/COMMONWEALTH OF KINKYLINE	
COUNTY OF Alleyhay	
The foregoing instrument was acknowled	ged before me on the 6th day of February.
2018 by Mt. Tabor Methodist Church by its Ti	
whose name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand	and official seal.
(Notarial Seal)	Λ $\Lambda\Lambda$
Mark Address of Section 1	
COMMONWEALTH OF PENNSYLVANIA	NOTARY PUBLIC
NOTE BUILDING	
NOTARIAL SEAL	
Jordan A. Adkins. Notary Public Bethel Park Boro, Alleghery County	My commission expires 3-22-2021
Jordan A. Adkins. Notary Public Bethel Park Boro, Allegheny County My Commission Expires March 22, 2021 MEMBER, PENNSYLVANIAASSOCIATION OF NOTARIES	

STATE/COMMONWEALTH OF WVA COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the Zno day of FeB 2018 by Mt. Tabor Methodist Church by its Trustees; Leonard Hall, whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

OFFICIAL SEAL Notary Public, State Of West Virginia JEFFREY L RIGGANS One Energy Drive Jane Lew, WV 26378 My Commission Expires September 18, 2022

NOTARY PUBLIC

My commission expires 9-18-22

COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 19th day of February 2018 by Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that he as such, being authorized to do so, executed the foregoing instrument on behalf of CNX Gas Company LLC.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL Casey Yantko, Notary Public Cecil Twp., Washington County My Commission Expires March 12, 2019

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My commission expires 3-12-2019

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF FL 34 EV).
COUNTY OF It LANDS	
The foregoing instrument was acknowled	ged before me on the 10 day of 16
2018 by Mt. Tabor Methodist Church by its T	
name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand	and official seal.
(Notarial Seal NY PUS) MICHAEL ERIC CAVE MY COMMISSION # GG 043152 EXPIRES: November 5, 2020 Bonded Taru Budget Notary Services	NOTARY PUBLIC My commission expires 5 Nov 2020
STATE/COMMONWEALTH OFCOUNTY OF	_
The foregoing instrument was acknowled	ged before me on the day of
2018 by Mt. Tabor Methodist Church by its T whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand (Notarial Seal)	rustees; John L. Miller and Karen Miller
	NOTARY PUBLIC
	My commission expires
STATE/COMMONWEALTH OFCOUNTY OF	_
The foregoing instrument was acknowled	ged before me on the day of,
2018 by Mt. Tabor Methodist Church by its T whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand	rustees; Sonya Miller and Adam Miller,
(Notarial Seal)	
	NOTARY PUBLIC
	My commission expires
	My commission expires

ASSIGNMENT OF OIL AND GAS LEASES

This ASSIGNMENT OF OIL AND GAS LEASES (the "<u>Assignment</u>") is made and entered into this 23rd day of March, 2018 (the "<u>Effective Date</u>"), from EQT Production Company, a Pennsylvania corporation, whose address is 625 Liberty Avenue, Suite 1700, Pittsburgh PA 15222 (hereinafter "<u>Assignor</u>"), and CNX Gas Company LLC, whose address is 1000 Consol Energy Drive, Canonsburg PA 15317 (hereinafter "<u>Assignee</u>").

WITNESSETH:

WHEREAS, Assignor is the lessee or successor lessee and record owner of the right, title, and interest in those certain oil and gas leases of property situate in Monongalia County, West Virginia, which are described in Exhibit "A" attached hereto and made a part hereof (hereinafter the "Leases"), covering certain tracts of land (hereinafter the "Lands"); and

WHEREAS, subject to the exceptions and reservations herein contained, and pursuant to that certain Acreage Imbalance Letter Agreement dated November 10, 2017, between affiliates of Assignor and Assignee, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to the Leases.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and subject to the limited warranties, restrictions and conditions hereinafter mentioned, the parties hereto, intending to be legally bound, do covenant and agree as follows:

- Assignment. Assignor does hereby grant, bargain, sell, convey, deliver, assign, set over and transfer, as of the Effective Date, to Assignee, its respective successors and assigns, forever, subject to the terms, reservations, waivers and provisions as hereinafter set forth, all of Assignor's right, title and interest in and to the Leases and all oil, natural gas, natural gas liquids, condensate, casinghead gas and other liquefied or gaseous hydrocarbons or products ("Hydrocarbons") thereby held, in any and all depths and formations underlying the Leases, together with any and all other rights that are reasonably necessary or convenient to explore for and produce Hydrocarbons from the Leases, including, but not limited to, the right of surface access, use and occupancy, the right of ingress and egress, the right to conduct geophysical and other exploratory activities, the right to lay pipeline, the right to drill through, perforate and stimulate all depths and formations and to conduct operations thereon, to the extent provided in the Leases.
 - 2. Transfer Taxes / Recording Fees. Assignee agrees to pay any and all fees and taxes

(including recording, real estate transfer, excise, and documentary) in connection with the filing and recording of this Assignment in the appropriate county records, and to thereafter promptly forward copies of the recorded Assignment to each Assignor.

- 3. <u>Liabilities</u>. Assignee assumes and hereby agrees to release, indemnify, defend and hold harmless Assignor from and against all liabilities and obligations attributable to Assignee's ownership, operation or use of the Leases from and after the Effective Date.
- 4. Warranty of Title. Assignor has not, and does not make any representations or warranties as to the ownership or validity of any of the Leases or Lands covered hereby, whether express, implied, or statutory. Assignor's interest in the Leases subject hereto are included on an "As-Is, Where-Is" basis with all faults, and without recourse, legal or otherwise, against or as to Assignor. This Assignment is made subject to (i) all instruments of title or other documents of record, and (ii) all reservations, restrictions, and conditions contained or referred to in prior deeds, leases, licenses, easements, rights of way, encumbrances, instruments and other title documents of record affecting the Leases and Lands covered thereby. Assignee expressly assumes the obligation of determining the sufficiency of the title of the Assignor in and to the Leases and Lands subject hereto.
- 5. Third Party Beneficiaries. Nothing contained herein is intended or shall be deemed to create or confer any rights upon any third person or entity not party hereto, whether as a third party beneficiary or otherwise, except as expressly provided herein; nor shall anything contained herein be construed to create any partnership (tax or otherwise), agency, joint venture, or like relationship between Assignee and Assignor.
- 6. <u>Headings</u>. All paragraph headings contained in this Assignment are for convenience only and shall not be considered in the interpretation of the terms or provisions hereof.
- 7. <u>Counterparts</u>. This Assignment may be executed in counterparts, each of which shall be deemed an original instrument, but all such counterparts together shall constitute but one agreement.
- 8. Additional Assurances. Assignor and Assignee will execute and deliver all such other additional instruments, notices, releases and/or other documents, and will do such other acts and things may be necessary to assign to Assignee or its successors and assigns all of the respective rights, titles, and interests herein and hereby granted or intended to be granted and to comply with any of the provisions hereof.
- 9. <u>Severability</u>. If any term or provision of this Assignment is declared invalid, void or unenforceable by any rule of applicable law or public policy, all other terms and provisions of this Assignment shall nevertheless remain valid, binding and enforceable.

TO HAVE AND TO HOLD such right, title and interest in and to the Leases unto Assignees or their designee, and their respective successors and assigns, forever, in accordance with the provisions of this Assignment.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, and intending to be legally bound hereby, Assignor and Assignee have caused this Assignment to be duly executed the day and year first above written.

ASSIGNEE:
CNX GAS COMPANY LLC
By: Timothy Surmick Assistant Vice President
SS:
before me, the undersigned authority, personally herself to be the Senior Vice President – Asset the she, as such, being authorized to do so, executed the ed by signing in the name of the corporation by herself
and and official seal.
Notary Public
SS:
, before me, the undersigned authority, personally d himself to be the Assistant Vice President being authorized to do so, executed the foregoing ning in the name of the limited liability company by
and and official seal.
Notary Public

IN WITNESS WHEREOF, and intending to be legally bound hereby, Assignor and Assignee have caused this Assignment to be duly executed the day and year first above written.

ASSIGNOR:	ASSIGNEE:
EQT PRODUCTION COMPANY	CNX GAS COMPANY LLC
By:	By: MAN A
Erin R. Centofanti Senior Vice President – Asset Development	Timothy Surmick Assistant Vice President
COMMONWEALTH OF PENNSYLVANIA)	
COUNTY OF ALLEGHENY)	SS:
appeared Erin R. Centofanti, who acknowledged Development of EQT Production Company, and that	, before me, the undersigned authority, personally herself to be the Senior Vice President — Asset t she, as such, being authorized to do so, executed the ed by signing in the name of the corporation by herself
IN WITNESS WHEREOF, I hereto set my h	and and official seal.
MY COMMISSION EXPIRES:	
	Notary Public
COMMONWEALTH OF PENNSYLVANIA)	
COUNTY OF WASHINGTON) S	S:
of CNX Gas Company LLC, and that he, as such,	, before me, the undersigned authority, personally himself to be the Assistant Vice President being authorized to do so, executed the foregoing ning in the name of the limited liability company by
IN WITNESS WHEREOF, I hereto set my h	and and official seal.
MY COMMISSION EXPIRES: 03 /11/2019	Maral M. Micali
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Sara M. Micoli, Notary Public Cecil Twp., Washington County My Commission Expires March 11, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES	Notary Public

EXHIBIT A

ATTACHED TO AND MADE A PART OF ASSIGNMENT OF OIL AND GAS LEASES DATED THE 23RD DAY OF MARCH 2018, BY AND BETWEEN EQT PRODUCTION COMPANY AND CNX GAS COMPANY LLC

LEASES

1027273.01

married woman dealing in her sole and separate

property

Sherry C. McCoy, a

EQT Production

11/6/2017

1614/847

01-2-14

Monongalia County
West Virginia

101.25

101.25

Battelle District

p/o 01-9-16

01-2-17.1

01-2-17

Monongalia County
West Virginia

137.89

137.89

Battelle District

Company

1027272.04

David C. Anderson, a

EQT Production

12/27/2017

1615/285

01-2-16.1 01-2-16.2

01-2-16

Company

single man

David C. Anderson, a Vickie L. Simmons, a single woman single man EQT Production Company **EQT Production** Company 12/27/2017 12/6/2017 1614/843 1615/1 01-2-14 01-2-14 Monongalia County Monongalia County Battelle District **Battelle District** West Virginia West Virginia 101.25 101.25

101.25

101.25

1027273.04

1027273.05

1027273.03

married man dealing in

EQT Production

11/16/2017

1616/275

01-2-14

Monongalia County West Virginia

101.25

101.25

Battelle District

Company

Carl L. Anderson, a

his sole and separate

property

1027273.02

married woman dealing in her sole and separate

EQT Production Company

11/14/2017

1614/845

01-2-14

Monongalia County

101.25

101.25

West Virginia

Battelle District

Brenda A. Murphy, a

END OF EXHIBIT A

Operator Wellowd Works 5 99/28/2018

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

	Requirement: Notice shall be provided be: 4-9-18 Date Po	at least TEN (10) days prior to filing a ermit Application Filed: 4-5-7		on.
Delivery met	hod pursuant to West Virginia Code §	§ 22-6A-16(b)		
☐ HAND	■ CERTIFIED MAIL			
		COLUMN		
DELIVE	ERY RETURN RECEIPT RE	EQUESTED		
receipt request drilling a hore of this subsection manager	V. Va. Code § 22-6A-16(b), at least tendested or hand delivery, give the surface of izontal well: <i>Provided</i> , That notice give tion as of the date the notice was providing be waived in writing by the surface of le, facsimile number and electronic mail	when notice of its intent to enter upon the pursuant to subsection (a), section to ed to the surface owner: <i>Provided</i> , how when. The notice, if required, shall include	ne surface owner n of this article vever, That the n ude the name, ac	's land for the purpose of satisfies the requirements otice requirements of this ldress, telephone number,
	reby provided to the SURFACE O			
Name: See atta	ched	Name:		
Address:		Address:		
State: County:	West Virginia Monongalia	UTM NAD 83 Easting: Northing:	1732970.914 440565.830	Office Collection
County: District:	Battelle	Public Road Access:	CR6 Wise Run	APP and Gas
Quadrangle:	Wadestown	Generally used farm name:	Wise	B 20so
Watershed:	Dunkard Creek	Generally used larm hame.	77100	E. MY
Pursuant to 'facsimile nur related to hor	Shall Include: West Virginia Code § 22-6A-16(b), thinber and electronic mail address of the rizontal drilling may be obtained from the 57th Street, SE, Charleston, WV 25304	e operator and the operator's authorize he Secretary, at the WV Department o	ed representative f Environmental	. Additional information Protection headquarters,
		(301)20 0 130) of by Visiting WWW.de	p.wv.govion an	gus/pages/defauticispic.
	reby given by: r: CNX Gas Company LLC	Authorized Representative:	Raymond Hoon	
Address:	1000 Consol Energy Drive	Address:	1000 Consol Ene	rou Deluc
Canonsburg, PA		Canonsburg, PA 15317	1000 Consol Ene	igy Dilve
Telephone:	724-485-3540	Telephone:	724-485-3540	
Email:	RaymondHoon@CNX.com	Email:	RaymondHoon@	CNY com
Facsimile:	Taymond toolige tracent	Facsimile:	raymond toolig	OHALOUIT
011 1.6				

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW6A4 Notice of Intent to Drill - Attachment

WDTN5

Surface Owner(s) (Well Site & Road and/or Other Disturbance):

John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501

Opal Wise 2002 West 600 North Hilltop Road, Price, UT 84501

Richard Nunley 261 Festival Drive, Oceanside, CA 92057

Patricia Mumaw 3344 Northridge Drive, Wooster, OH 44691

Donald Nunley 36 Autumn Drive, Core, WV 26541

Mary Nunley Stepelton 7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321

Thomas McCauley 220 Kennedy Street, Apt 5, Louisville, OH 44641

Richard McCauley 2589 Timothy Ave., Louisville, OH 44641

Judy Eckman 630 Coniston Drive, Leland, NC 28451-9754

Clifford J. Wise 2394 County Road 137, Obrien, FL 32071

Regina W. Myers 1200 Carroll Heights Blvd., Hagerstown, MD 21742

Eleanor Wise 126 Fairview Ave., Waynesburg, PA 15370

Victor E. Wise PO Box 7437, Charleston, WV 25356

Frederick C. Wise 1 West Hills Drive, Fairmont, WV 26554





Walter C. Ord P.O. Box 802, McDowell, KY 41647

Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807

Dexter Murle Stewart 1283 Crossroads Road, Fairview, WV 26570

Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571

James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554

Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404

Annette Stewart 41 Mimosa Dr., Martinsburg, WV 25404

Dawn Hughes 1134 Brooke Rd., Stafford, VA 22405

Bryan Kevin Goff 9325 Beaverdam Rd., Nanjemoy, MD 20662

Brandon Sweeney 18501 Clagget Landing, Upper Marlboro, MD 20774

Brianna Skyler Sweeney 18502 Clagget Landing, Upper Marlboro, MD 20774

Wally Currence 16200 Bealle Hill Road, Waldorf, MD 20601

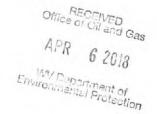
Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445

Michelle Currence 1 Carroll Drive, Stafford, VA 22554

Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067





Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022

Harold M. Jones 317 Crest Ave., Charleroi, PA 15022

CNX Gas Company LLC 1000 Consol Energy Drive, Canonsburg, PA 15317

Jane Irons P.O. Box 681, Tellico Plains, TN 37385

Melissa Bookout 311 West Walnut St., Madisonville, TN 37354

Barbara J. Wagner 573 Wise Run Road, Wana, WV 26590





Operator Well No. WDTN5AHSU STATE OF WEST VIRGINIA

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

	Requirement: notice shall be provi e: <u>4-4-19</u> Date Per	ded no mit Ap	o later than the filing oplication Filed:	date of permit	application.		
Delivery met	nod pursuant to West Virginia Co	ode § 2	22-6A-16(c)				
CERTIF	FIED MAIL	П	HAND				
	N RECEIPT REQUESTED	_	DELIVERY				
return receipt the planned o required to be drilling of a h damages to th	V. Va. Code § 22-6A-16(c), no late requested or hand delivery, give the peration. The notice required by provided by subsection (b), section forizontal well; and (3) A propose e surface affected by oil and gas opes required by this section shall be g	e surfa this su ten or d surfa eration	ce owner whose land absection shall include this article to a surfa- ace use and compens as to the extent the da	will be used for de: (1) A copy ace owner whos ation agreemen mages are com	or the drilling of this code so this code so the land will be toontaining appearsable under	of a horizontal wasection; (2) The used in conjunct on offer of comparticle six-b of	rell notice of information tion with the tensation for this chapter.
	by provided to the SURFACE O s listed in the records of the sheriff		ime of notice):				
	inou .	-	Address	:			
	est Virginia Code § 22-6A-16(c), n the surface owner's land for the pur West Virginia		of drilling a horizonta	l well on the tra			pianned
County:	Monongalia		— UTM NAD 8	Northing:	440565.830		
District:	Battelle		Public Road	Access:	CR6 Wise Run		
Quadrangle:	Wadestown		Generally use	ed farm name:	Wise		
Watershed:	Dunkard Creek						
to be provide horizontal we surface affect information re	Vest Virginia Code § 22-6A-16(c), to d by W. Va. Code § 22-6A-10(b) ll; and (3) A proposed surface used by oil and gas operations to the elated to horizontal drilling may be located at 601 57th Street, SE,	to a sand co e extende obta	surface owner whose impensation agreement the damages are co- ined from the Secret	land will be un nt containing ar ompensable und ary, at the WV	used in conjunt offer of com- ler article six- Department	nction with the pensation for dan b of this chapter of Environmenta	drilling of a mages to the r. Additional al Protection
Well Operator	CNX Gas Company LLC		Address:	1000 Consol Energy	/ Drive	Office	FOUNTO
Telephone:	724-485-3540			Canonsburg, PA 15	The state of the s		5 . GAS
Email:	RaymondHoon@CNX.com		Facsimile:	Mark Mark Mark Mark Mark Mark Mark Mark		APR	6 2012
Oil and Gas I	Privacy Notice:		=			Environnia	gran and

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW6A5 Notice of Planned Operation - Attachment

WDTN5

Surface Owner(s) (Well Site & Road and/or Other Disturbance):

John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501

Opal Wise 2002 West 600 North Hilltop Road, Price, UT 84501

Richard Nunley 261 Festival Drive, Oceanside, CA 92057

Patricia Mumaw 3344 Northridge Drive, Wooster, OH 44691

Donald Nunley 36 Autumn Drive, Core, WV 26541

Mary Nunley Stepelton 7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321

Thomas McCauley 220 Kennedy Street, Apt 5, Louisville, OH 44641

Richard McCauley 2589 Timothy Ave., Louisville, OH 44641

Judy Eckman 630 Coniston Drive, Leland, NC 28451-9754

Clifford J. Wise 2394 County Road 137, Obrien, FL 32071

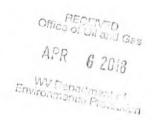
Regina W. Myers 1200 Carroll Heights Blvd., Hagerstown, MD 21742

Eleanor Wise 126 Fairview Ave., Waynesburg, PA 15370

Victor E. Wise PO Box 7437, Charleston, WV 25356

Frederick C. Wise 1 West Hills Drive, Fairmont, WV 26554





Walter C. Ord P.O. Box 802, McDowell, KY 41647

Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807

Dexter Murle Stewart 1283 Crossroads Road, Fairview, WV 26570

Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571

James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554

Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404

Annette Stewart 41 Mimosa Dr., Martinsburg, WV 25404

Dawn Hughes 1134 Brooke Rd., Stafford, VA 22405

Bryan Kevin Goff 9325 Beaverdam Rd., Nanjemoy, MD 20662

Brandon Sweeney 18501 Clagget Landing, Upper Marlboro, MD 20774

Brianna Skyler Sweeney 18502 Clagget Landing, Upper Marlboro, MD 20774

Wally Currence 16200 Bealle Hill Road, Waldorf, MD 20601

Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445

Michelle Currence 1 Carroll Drive, Stafford, VA 22554

Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067





Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022

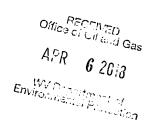
Harold M. Jones 317 Crest Ave., Charleroi, PA 15022

CNX Gas Company LLC 1000 Consol Energy Drive, Canonsburg, PA 15317

Jane Irons P.O. Box 681, Tellico Plains, TN 37385

Melissa Bookout 311 West Walnut St., Madisonville, TN 37354

Barbara J. Wagner 573 Wise Run Road, Wana, WV 26590





WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Thomas J. Smith, P. E. Secretary of Transportation/ Commissioner of Highways

December 6, 2017

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the WDTN5 Pad, Monongalia County WDTN5AHSU Well Site

Dear Mr. Martin,

Jim Justice

Governor

The West Virginia Division of Highways has issued Permit #04-2017-0929 for the subject site to CNX Gas Company LLC, for access to the State Road for the well site located off of Monongalia County Route 6.

The operator has signed an OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Day K. Clayton

Gary K. Clayton Regional Maintenance Engineer

Central Office Oil &Gas Coordinator

RECTIVED
Office of Uil and Gas

APR 6 2013

WW Department of Environmental Projection

Cc: Ray Hoon

CNX Gas Company LLC

CH, OM, D-4

File

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

Type: Water CAS: 7732-18-5

Type: Silica CAS: 14808-60-7

Type: Hydrochloric Acid CAS: 7647-01-0

Type: Copolymer of Two Propenamide CAS: 69418-26-4

Type: Petroleum distillate CAS: 64742-47-8

Type: Glutaraldehyde CAS: 111-30-8

Type: Ethylene glycol CAS: 107-21-1

Type: Diethylene glycol mono n-butyl ether CAS: 112-34-5

Type: Oleic acid diethanolamide CAS: 93-83-4

Type: Alcohols, C12-16, ethoxylated CAS: 68551-12-2

Type: Quaternary ammonium compound CAS: 68424-85-1

Type: Ammonium chloride CAS: 12125-02-9

Type: Short chained glycol ether CAS: 112-34-5

Type: Ethoxylated (C10-16) alcohols CAS: 68002-97-1

Type: Metanol CAS: 67-56-1

Type: Formaldehyde CAS: 50-00-0

Type: Thiourea CAS: 62-56-6

Type: Acetophenone CAS: 98-86-2

Office of Gill end Gas

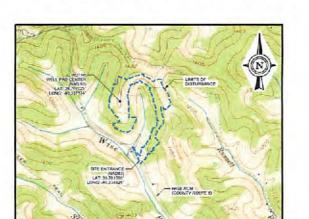
APR 6 2018

Environmental Frotection

EROSION & SEDIMENT CONTROL PLAN AND SITE RESTORATION PLAN

WDTN5 WELL SITE
MONONGALIA COUNTY, WEST VIRGINIA
FOR







PROJECT NO. 17016-023 DECEMBER 2017

DIEFFENBAUCH & HRITZ, LLC





INDEX		
DRAWING NO.	TITLE	
1	TITLE SHEET	
2	GENERAL NOTES	
3	EXISTING SITE PLAN	
4	SOLS PLAN	
5	OVERALL SITE PLAN	
6-13	PROPOSED SITE PLAN	
11	ACCESS ROAD PROFILE	
12-14	ADDESS HOAD CROSS SECTIONS	
15	WELL PAD CROSS SECTION	
10-12	TOE BENCH DETAILS	
19-19	EAS DETAILS	
20	SITE RESTORATION PLAN	
21	SEED & MULCHPLAN	
22	QUANTITY SUMMARY	

0	STURBANCE BREAK	OWN
LANDOWNER	DISTURBANCE FROM: ACCESS ROAD & STOCKPUES (ACCES)	DISTURBANCE FROM WELL PAD & STOCKPILES (ACRES)
BARBARA WAGNER TARRAR 1-8:3 1 OB/RG 1380/584	75	67
BRANDONT WSE ET AL THEAR 1-52	18.9	118



CH & HRITZ LLC Seasons Seasons

HEFFENBAUCH & HE 1098 Chapte Read Sufe Morpament, WV 209 www.darchenjamen. Processesses Econo

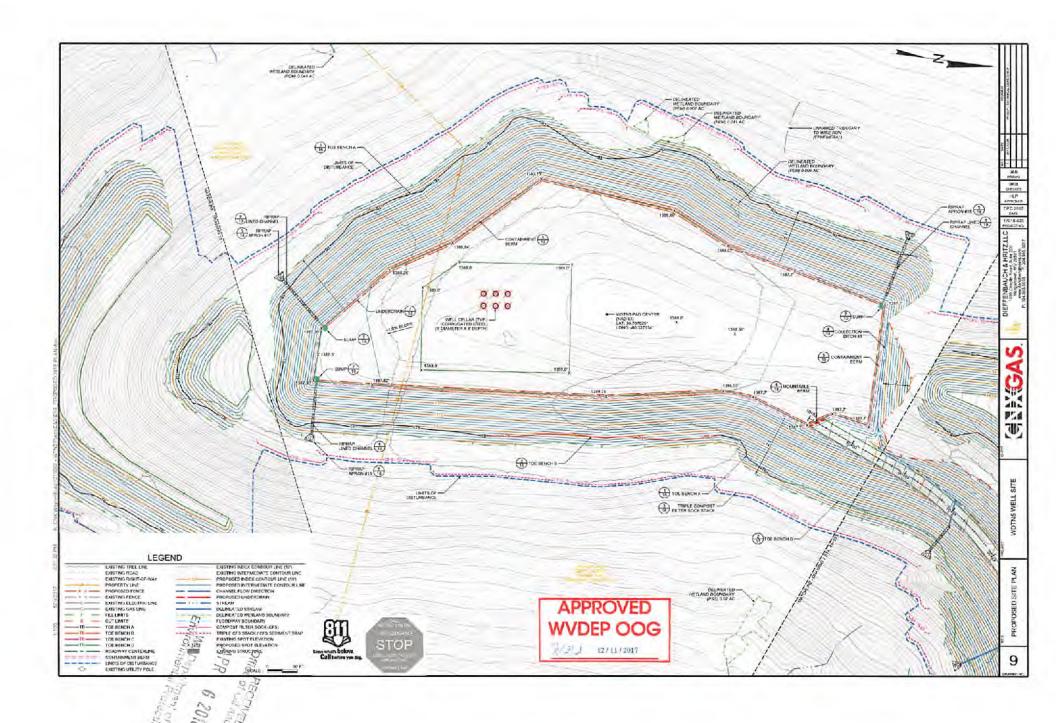
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SENSON:

TINS WELL SIT

TITLE SHEET

1





Raymond Hoon Permitting Supervisor 1000 Consol Energy Dr. Canonsburg, PA 15317 (724) 485-3540

April 4, 2018

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

Horizontal Drilling Permit Applications

Deep well "WDTN5AHSU"

Deep well "WDTN5BHSU"

Deep well "WDTN5CHSU"

Office of Cit and C.s

APR 6 2018

Environment Francisco

Dear Sir or Madam,

CNX Gas Company LLC (CNX) is applying for horizontal well permits to drill and produce the subject WDTN5HSU Utica lease wells, located in Monongalia County, West Virginia. Enclosed are the completed applications. We would like to request a spacing exception hearing from the WV Oil and Gas Conservation Commission, as these deep wells will be located less than 3,000' from one another. We are proposing interlateral spacing of 1300,' as shown in the attached exhibit.

In addition to the spacing exception hearing, we would also like to request approval for forced pooling in each of the well units. A detailed breakdown of each unleased owner has been provided.

If any further information or correspondence is required, please contact me at (724) 485-3540 or RaymondHoon@cnx.com.

Sincerely,

Raymond Hoon

Permitting Supervisor



Shannon Miller Permitting Agent 1000 Consol Energy Dr. Canonsburg, PA 15317 (724) 627-1361 ShannonMiller@CNX.com

July 20, 2018

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

> Horizontal Drilling Permit Deep well "WDTN5AHSU" Deep well "WDTN5BHSU" Deep well "WDTN5CHSU"

Ms. Rose,

Enclosed are mylar plats for the above-mentioned wells per the request of Erika Whetstone. These plats have been updated to add some shallow wells that we just became aware of and to also reflect the Holly Harker interest on the WDTN5AHSU well.

If any further information or correspondence is required, please contact myself or Erika (Erika.Whetstone@cnx.com).

Sincerely,

Shannon Miller Permitting Agent

cheen Olech



Erika Whetstone Permitting Manager 1000 Consol Energy Drive Canonsburg, PA 15317 724-485-4035

May 10, 2018

West Virginia Department of Environmental Protection Office of Oil & Gas Attn: Ms. Susan Rose 601 57th Street, SE Charleston, WV 25304-2345

Horizonal Drilling Permit Application – Revised Forced Pooling Tracts
WDTN5AHSU
WDTN5BHSU
WDTN5CHSU

Dear Ms. Rose,

As discussed recently by phone, enclosed are some updates to our leasing & forced pooling for the above referenced Utica wells. There are some ownerships that were unleased at the time of original submission, that are now leased and will no longer be force pooled. These updates are reflected on the enclosed revised plats, WW6A1 lease lists, unleased owners lists, and 1,500' operators' list.

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

Sincerely,

FOR' Erika Whetstone

	Inleased Owners
Un	t Name: WDTN5AHSU

QLS#	188578000		
Tract ID	10		
TMP	1-2-16, 1-2-16.2, 1-2	-17, & 1-2-17.1	
Total % of Tract			
Non-CNX Controlled	0.08681%		
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased
Kelly Dilbeck	0.08681%	0.00601%	Declined Offer

QLS#	204777000			
Tract ID	11			
TMP	1-3-2			
Total % of Tract				
Non-CNX Controlled	5.44216%			
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased	
Victor A. White	2.72108%	0.03201%	Declined Offer	
Melinda R. Hatton	1.36054%	0.01601%	Declined Offer	
Dennis F. Hatton Jr.	0.68027%	0.00800%	Declined Offer	
Amanda Hatton	0.68027%	0.00800%	Declined Offer	

QLS#	204778000		
Tract ID	12	-	
TMP	1-2-21		
Total % of Tract			• • • • • • • • • • • • • • • • • • • •
Non-CNX Controlled	5.55556%		
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased
Kent Prochazka	5.55556%	0.00418%	Declined Offer

QLS#	239935000						
Tract ID	14						
TMP	1-2-17, 1-2-17.1	1-2-17, 1-2-17.1					
Total % of Tract							
Non-CNX Controlled	0.00087%						
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased				
Kelly Dilbeck	0.00087%	0.01025% Declined Offer					

QLS#	188577000	·					
Tract ID	15						
TMP	1-2-17, 1-2-17.1	1-2-17, 1-2-17.1					
Total % of Tract							
Non-CNX Controlled	0.00087%						
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased				
Kelly Dilbeck	0.00087%	0.01934%	Declined Offer				



Erika Whetstone Permitting Manager 1000 Consol Energy Dr. Canonsburg, PA 15317 (724) 485-4035

April 13, 2018

West Virginia Department of Environmental Protection Office of Oil & Gas Attn: Susan Rose 601 57th Street, SE Charlestown, WV 25304-2345

Horizontal Drilling Permit Applications
Deep well "WDTN5AHSU"
Deep well "WDTN5BHSU"
Deep well "WDTN5CHSU"

RECEIVED
Office of Oil and Gas

A.P. 1 6 2018

WV Department of
Environmental Protection

Dear Ms. Rose,

Based on our discussion on April 11, 2018, we have enclosed the following revised items for each subject mentioned application:

- A revised 1500' Offset Operators list to identify the out-of-state operators
- · A list of current addresses for the unleased parties
- A list of the surface owners for the drill tract (top hole locations) only and each corresponding
 Consent and Easement. Please note that there are two Surface Use Agreements that contain the
 required language. Those have also been provided. Please remove all Consent and Easements that
 were submitted with our applications and insert those I've enclosed today.

Lastly, could you please add the Area of Review packets to the end of each application package.

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

Sincerely,

Erika Whetstone



Raymond Hoon Permitting Supervisor 1000 Consol Energy Dr. Canonsburg, PA 15317 (724) 485-3540

May 3, 2018

West Virginia Department of Environmental Protection Office of Oil & Gas Attn: Ms. Susan Rose 601 57th Street, SE Charlestown, WV 25304-2345

Revisions per Comments (dated 5/2/18) for Horizontal Drilling Permit Applications WDTN5AHSU, WDTN5BHSU, WDTN5CHSU

Dear Ms. Rose

Per your comments as received by email on 5/2/18, we have updated the above-mentioned permit applications. Enclosed is a copy as requested for your review. Following are responses to each of your comments.

- Under Section 1.0 Safety meetings please add the highlighted area. Describe schedule for conducting regular well site safety meetings. Log attendance at all meetings and also initiate check in check out during drilling, completion, and workover phases. (35-8 5.7.h)
 Understood. This sentence has been added to Section 1.7: Safety Meetings of the SSP.
- Under Section 2.0 I am attaching an example of Plan View Map for you to use. It needs the
 following shown: Plan view map of location, access road, pit(s), flare lines, nearby dwellings, note
 the north direction and the prevailing wind direction (35-8 5.7.b.1)
 A new map with these items has been added within the appendix.
- The Topo maps needs the following the one mile radius topo is good but you need the coordinates added and public route name.

Topographic map of well location, including

- i. 1 mile radius of well location
- ii. UTM NAD 83 coordinates of well site entrance (35-8 5.7.b.2)
- UTM NAD 83 coordinates of the point the access road intersects the public route (35-8 5.7.b.2)
- iv. Identify public route number and/or route name (35-8 5.7.b.2)

The above items have been added to a revised topo map, which is now included within the appendix.

- 4. Under Section 9 Deep well requirements: Please add telephone numbers to your contact list of everyone within 1 mile radius since that is your preferred method of contact listed. The known phone numbers for the surface owners has been added to the list of surface parcels within 1 mile of the well pad.
- 5. The target formation on the plat says Poiny Pleasant. Please send in corrected plat. Plat has been updated and included.
- 6. Under notes on the plat it should have something to the effect of no deep wells within 3000' on each plat.

Note saying No deep wells within 3000' has been added to the plats.

If any further information or correspondence is required, please contact me at (724) 485-3540 or RaymondHoon@cnx.com.

Sincerely,

Raymond Hoon

Permitting Supervisor

OPERATOR: CNX Gas Company LLC	CNB .E.
PAD NAME: WDTN5 WELL: WDTN5	SAHSU 214001
PAD BUILT: YES X NO DATE REVIEWED: 4-9	1
REVIEWED BY (APPLICANT): Raymond Hoon	
CONTACT PHONE: 724-485-3540 EMAIL: Raymondh	loon@cnx.com
APPLICANT SIGNATURE: Home Hoose	
CHECKLIST FOR FILING A PERM HORIZONTAL 6A WELL	ИІТ
Please include these required elements in the Horizontal Well 6A applic Do not use staples.	ations, in order listed below.
First Well Subsequent Well	
V Fees \$10,150.00 □ \$5,150.00 □]
	Approved
X Well Bore Schematic	
X WW-9 Fluids/Cuttings Disposal and Reclamation Plan	× Field Approved
Site Safety Plan ONCO	Field Approved
X Water Management Plan	DWWM Approval
X_Topographic Map w/water purveyors, showing access road	
Mylar Plat (Signed and sealed) (Surface Owner matches WW-6A)
WW-6A1 Lease Information	
X Road Crossing Letter	RECTIVED Office of Uni and Gas
WW-PN Application Notice by Publication	APR 6 2018
Public Notice (dated copy of advertisement or affidavit of publication)	

4706101805

WW-6AC Notice Certifications, notarized	7100 x 6 x 6 0 0
<u>WW-6A</u> Notice of Application notarized w/ any attachments	
Certified Mail receipts for WW-6A	
Notice of Entry for Plat Survey	
MIN Certified Mail receipts for WW-6A3	
<u>✓ WW-6A4</u> Notice of Intent to Drill	
Certified Mail receipts for WW-6A4	
WW-6A5 Notice of Planned Operation	
Certified Mail receipts for WW-6A5	
NA WW-6RW Well Location Restriction Waiver	
N N WW-6AW Voluntary Statement of No Objection	
Waiver for Surface Owner at Wellhead	
Waiver for Surface Owner for Roads or other Disturbances	
Waiver for Coal Owner, Operator or Lessee	
Waiver for surface owner for Impoundment or Pit	
Waiver for Surface Owner or Water Purveyor within 1500 for	eet of Center of Pad
Waiver for Natural gas Storage Field Operator	
Road Bonding Agreement / DOH Certification	
Frac Additives List of Chemical Names & CAS #s	
Site Construction, Reclamation, Erosion & Sediment Control Plans	Field Approved
Copy of To Scale Plans → ON CD SITE Previously APPROVED	
Inspector packet mailed to inspector (Plat, Topographic Map, WW-	6B, WW-9, All Plans)
<u>≻</u> Bond (\$250,000)	Office of Oil and Gas
Operator is registered with the SOS	APR 6 2018
Revised 12/30/13	With Dispartment of Environmental Protection

WV Copusment of Environmental Protection

X	Workers Compensation / Unemployment Insurance account is OK	
×	Professional Engineer/Company has COA	
X	Check for Mine Data at proposed coordinates	
X	Check for Floodplain Data at proposed coordinates	
No	IMP-1A Associated Pit or Impoundment	
MA	<u>WW-6A7</u> Well Restrictions Form w/ Signature	
	At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland	
	DEP Waiver and Permit Conditions	
	At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream	
	DEP Waiver and Permit Conditions	
	At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply	
	DEP Waiver and Permit Conditions	
	At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled	
	Surface Owner Waiver and Recorded with County Clerk, OR	
	DEP Variance and Permit Conditions	
	At Least 625 Feet from an Occupied Dwelling Structure to the Center of the Pad	
	Surface Owner Waiver and Recorded with County Clerk, OR	
	DEP Variance and Permit Conditions	
	At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad	
	Surface Owner Waiver and Recorded with County Clerk, OR	
	DEP Variance and Permit Conditions RECEIV	ED and Ga
	APR 6	2018

LIMITED WARRANTY HYDROCARBON DEED

RECITALS

WHEREAS, Grantor desires to grant and convey, with covenants of limited warranty, to Grantee, and Grantee desires to receive from Grantor, all of Grantor's right, title and interest, if any, in the assets and properties described below in accordance with this Deed.

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor and Grantee agree as follows:

ARTICLE I DEFINED TERMS

1.1 Definitions. Capitalized terms used herein are defined in <u>Section 3.3</u> or throughout this Deed.

ARTICLE II GRANT OF CONVEYED INTERESTS

- 2.1 Deed. Subject to the terms and conditions of this Deed, Grantor does hereby GRANT, CONVEY, AND TRANSFER, with covenants of LIMITED WARRANTY, to Grantee, and its heirs, successors and assigns, and Grantee agrees to acquire all of Grantor's right, title, interest, estate and claim, if any, in and to the Hydrocarbons within and underlying those certain tracts or parcels of land situate in Monongalia County, West Virginia more particularly described on Exhibit A (less and except for the Excluded Assets, such interest in said Hydrocarbons referred to as the "Conveyed Interests"). TO HAVE AND TO HOLD the Conveyed Interests unto Grantee, its successors and assigns, forever, subject, however, to all the terms and conditions of this Deed, including, without limitation, Article III.
- 2.2 Excluded Assets and Reservation. The Conveyed Interests shall not include, and Grantor hereby reserves, excepts and retains, the following (collectively, the "Excluded Assets"): (i) all rights to coal and substances mined in connection therewith; (ii) all Coalbed Methane; (iii) all Hydrocarbons produced and sold from the Conveyed Interests with respect to all periods prior to the Effective Time; (iv) all of Grantor's working interest in and to the wellbore only of any and all wells located on any real estate embraced within the Conveyed Interests, including, in each case down to the deepest producing horizon of the well as of the Effective Time, together with the Hydrocarbons and/or Coalbed Methane produced therefrom, and together with the following rights, interests and assets: all of Grantor's rights, title and interest necessary, convenient or incidental to the operation, maintenance, production or plugging of such wells, including, without limitation, the right to access, use and occupy the surface of the lands covered by the Conveyed Interests, all of Grantor's right, title, interest and obligations related to plugging and abandoning

such wells, and any licenses, permits, personal property, equipment, machinery, pipelines, roads and other facilities used primarily in connection with such wells.

ARTICLE III DISCLAIMERS; CERTAIN DEFINITIONS

- 3.1 Subrogation. Grantor hereby assigns to Grantee all rights, claims and causes of action under title warranties given or made by Grantor's predecessors in interest (other than any Affiliates of Grantor) with respect to the Conveyed Interests, and Grantee is specifically subrogated to all rights which Grantor may have against such predecessors in interest with respect to the Conveyed Interests, to the extent Grantor may legally transfer such rights and grant such subrogation.
- 3.2 "As is, where is" Conveyance. THE CONVEYED INTERESTS ARE BEING CONVEYED IN AN "AS IS, WHERE IS" CONDITION AND "WITH ALL FAULTS" IN THEIR PRESENT CONDITION. GRANTOR AND GRANTEE AGREE THAT, TO THE EXTENT REQUIRED BY APPLICABLE LAW TO BE EFFECTIVE, THE DISCLAIMER CONTAINED IN THIS SECTION 3.2 IS A "CONSPICUOUS" DISCLAIMER FOR THE PURPOSE OF ANY APPLICABLE LAW.
- 3.3 Certain Definitions. The following terms, as used herein, have the meanings set forth below:
- "Affiliate" means, with respect to any Person, any other Person that directly, or indirectly through one or more intermediaries, Controls or is Controlled by, or is under common Control with, such Person.
- "Coalbed Methane" means any gas, hydrocarbon, or gaseous substance which can be produced from a coal seam, the rock or other strata in communication with a coal seam, a mined-out area or a gob well.
- "Control" (including the terms "Controlling," "Controlled by" and "under common Control with") means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting shares, by contract or otherwise.
- "Hydrocarbons" means oil and gas and other hydrocarbons (including condensate) produced or processed in association therewith (whether or not such item is in liquid or gaseous form), or any combination thereof, and any minerals produced in association therewith.
- "Person" means any individual, corporation, company, partnership, limited partnership, limited liability company, trust, estate, governmental authority or any other entity.

ARTICLE IV ASSUMED OBLIGATIONS

As of the Effective Time of this Deed, Grantee hereby assumes and agrees to fulfill, perform, pay and discharge (or cause to be fulfilled, performed, paid or discharged) all of the burdens, obligations, duties and liabilities, known or unknown, arising from, based upon or associated with the Conveyed Interests which arise on or after the Effective Time. For the avoidance of doubt, Grantor hereby expressly retains and agrees to fulfill perform, pay and

discharge (or cause to be fulfilled, performed, paid or discharged) all of the burdens, obligations, duties and liabilities, known or unknown, arising from, based upon or associated with the Conveyed Interests which arise prior to the Effective Time. Grantor hereby represents and warrants to Grantee as of the Effective Time that the Conveyed Interests are not subject to or bound by any contracts, agreements, dedications or other obligations which will be binding on the Conveyed Interests or Grantee on or after the Effective Time, except for any applicable governmental taxes.

ARTICLE V MISCELLANEOUS

- *5.1* Exhibits. The grantor and/or grantees named in the Exhibits to this Deed may be historic parties in the chain of title, and, in some cases, said parties may not be the immediately prior grantor and/or grantee of the applicable underlying oil and gas tracts being transferred hereunder. Grantor and Grantee have listed on the Exhibits to this Deed the identification of the surface tax map and parcel numbers (if required for purposes of assigning a uniform parcel identifier or otherwise), which they believe are most closely associated with each of the applicable underlying oil and gas tracts being transferred hereunder. In some cases, there may be discrepancies between the boundary lines of a particular oil and gas tract and the boundary lines of an associated overlying surface tract, and Grantor and Grantee have not determined, nor are they asserting, the extent to which any such oil and gas tract underlies any such associated surface tract. Grantor and Grantee have provided the surface tax map and parcel numbers listed on the Exhibits to this Deed for identification purposes only, and Grantor and Grantee only assert an ownership claim in and to those specific oil and gas tracts and interests being conveyed by this Deed, the acreage of which may or may not correspond to the acreage of the associated overlying surface tract.
- 5.2 Successors and Assigns. This Deed shall bind and inure to the benefit of the parties hereto and their respective successors and assigns.
- 5.3 Counterparts. This Deed may be executed in any number of counterparts, and each such counterpart hereof shall be deemed to be an original instrument, but all of such counterparts shall constitute for all purposes one agreement.
- 5.4 Governing Law. This Deed, and any dispute related thereto, shall be governed by the laws of the State of West Virginia.

[Signature pages follow]

IN WITNESS WHEREOF, this Deed has been executed by the parties hereto as of the dates of their respective acknowledgements below, but is effective for all purposes as of the Effective Time.

GRANTOR:

XTO ENERGY INC.

By:

Edwin S. Ryan, Jr.

Its:

Senior Vice President

GRANTEE:

CNX GAS COMPANY LLC

By:

Timothy Surmick

Its: Assistant Vice President

ACKNOWLEDGMENTS

STATE OF TEXAS,

COUNTY OF TARRANT, TO-WIT:
I, the undersigned, a notary public of the said county, do hereby certify that on this day of, 2018, before me personally appeared EDWIN S. RYAN, Jr., who acknowledged himself to be the SENIOR VICE PRESIDENT of XTO ENERGY INC., and that he as such officer, being so authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing in the name of the company by himself as said officer.
IN WITNESS WHEREOF, I hereunto set my hand and official seal. Notary Public My commission expires: DEDRAL NUNEZ Notary Public, State of Texas
(Notarial Seal) Notary Public, State of Texas Comm. Expires 01-28-2020 Notary ID 12639101-9
COMMONWEALTH OF PENNSYLVANIA, COUNTY OF WASHINGTON, TO-WIT:
the undersigned, a notary public of the said county, do hereby certify that on this day of April , 2018, before me personally appeared TIMOTHY SURMICK, who acknowledged himself to be the ASSISTANT VICE PRESIDENT of CNX GAS COMPANY LLC, and that he as such officer, being so authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing in the name of the company by himself as said officer.
IN WITNESS WHEREOF, I hereunto set my hand and official seal.
Notary Public
My commission expires: 4/8/2019. (Notarial Seal) COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Michele Martin. Notary Public Cecil Twp., Washington County My Commission Expires April 8, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

"EXHIBIT A"

CONVEYED INTERESTS

Grantor	County	District	Deed Book/Page	Date	Parcels	Gross Acres	Net Acres	Best Description Deed
Waco Oil & Gas Co., Inc., et al	Monongalia	Battelle	1442/835	8/24/2011	1-2-17.2 p/o 1-2-17 p/o 1-2-17.1 p/o 1-2-16.1	60.22	22.5825	86/352
Waco Oil & Gas Co., Inc., et al	Monongalia	Battelle	1442/835	8/24/2011	1/9/16	90	33.75	86/349
Waco Oil & Gas Co., Inc., et al	Monongalia	Battelle	1442/835	8/24/2011	1-2-16 1-2-16.2 1-2-17 p/o 1-2-16.1 p/o 1-2-17.1	79.5	29.8125	86/354
Waco Oil & Gas Co., Inc., et al	Monongalia	Battelle	1442/835	8/24/2011	1/2/14	101.25	37.96875	86/351













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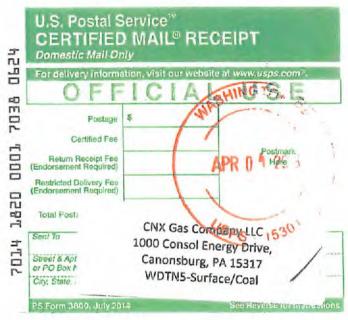




WV Department of Environmental Protection













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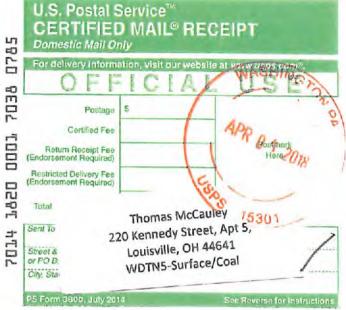










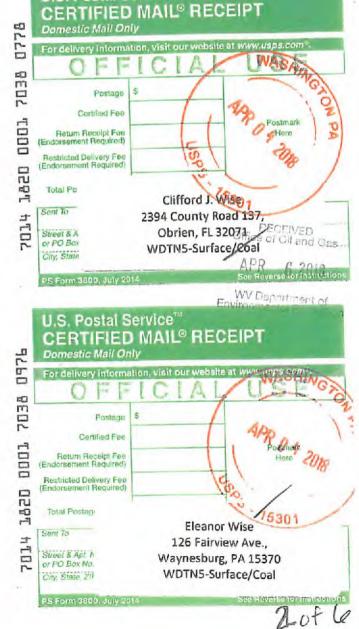








U.S. Postal Service™













PS Form 3800, July 2014

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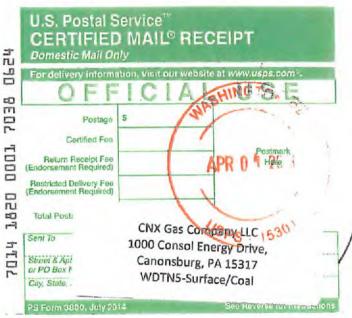








































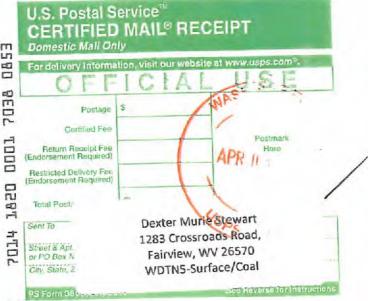


























4of7







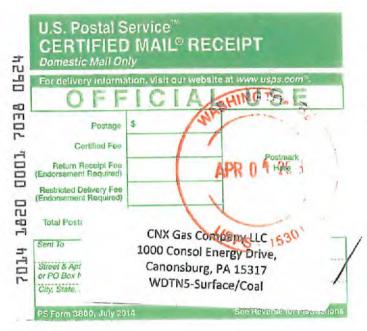














































































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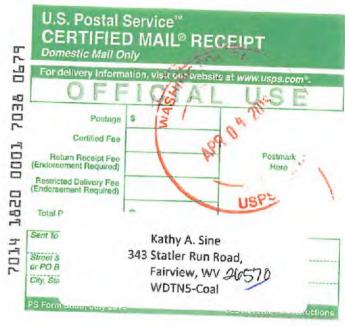






























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PS Form 3800, July 2014

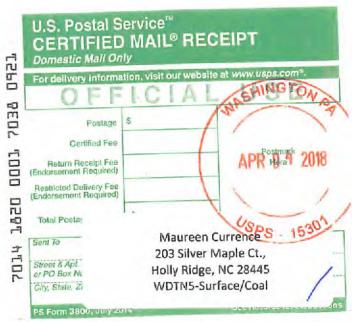












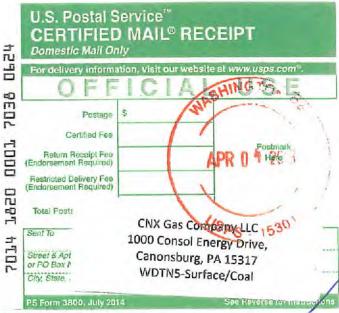








































































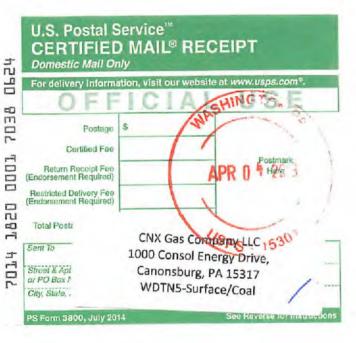










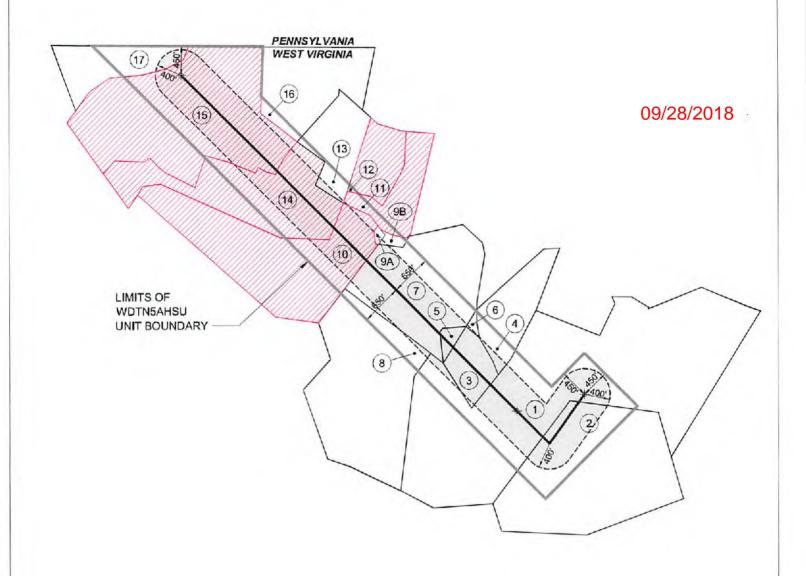












WDTN5AHSU UNIT = 304.564 ACRES TOTAL

BATTELLE DISTRICT

	TAX MAP & PARCEL	UNIT ACRES
1	1-8, P/O PARCEL 2	54.335 Ac.
2	1-8, P/O PARCELS 3 & 3.1	27.795 Ac.
3	1-8, PARCEL 1	13.128 Ac.
4	1-8, P/O PARCEL 1.2	5.616 Ac.
5	1-8, PARCEL 1.4	2.508 Ac.
6	1-8, P/O PARCEL 1.5	0.870 Ac.
7	1-8, P/O PARCEL 1.1	42.116 Ac.
8	1-9, P/O PARCEL 17	8.491 Ac.
9A	1-2, P/O PARCEL 22	0.677 Ac.
9B	1-2, P/O PARCEL 22	1.442 Ac.
10	1-2, P/O PARCELS 16, 16.2, 17, & 17.1	21.084 Ac.
11	1-3, P/O PARCEL 2	3.583 Ac.
12	1-2, P/O PARCEL 21	0.229 Ac.
13	1-2, P/O PARCELS 18 & 18.1	4.869 Ac.
14	1-2, P/O PARCELS 17 & 17.1	35.967 Ac.
15	1-2, P/O PARCEL 14	67.836 Ac.
16	1-2, P/O PARCEL 19	2.886 Ac.
17	1-2, P/O PARCEL 13	11.132 Ac.



400' DEEP WELL BUFFER
LIMITS OF WDTN5AHSU

UNIT BOUNDARY
LESS THAN 100% INTEREST
IN OIL & GAS ESTATE



Wadestown Project Area WDTN5AHSU Unit Forced Pooling Exhibit

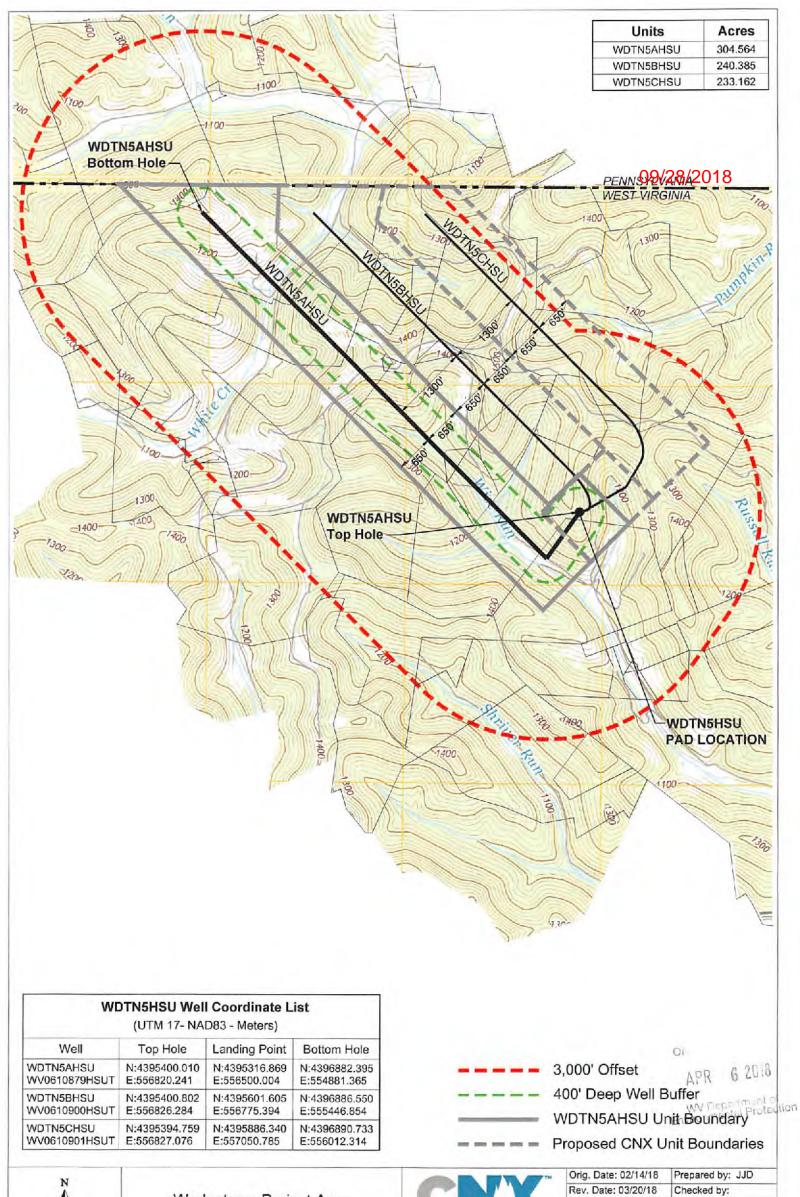
Final Title Mapping
Battelle District,
Monongalia County, WV



1000 Consol Energy Drive
Canonsburg, PA.15317-5506
This map is property of GNX Resources Corporation
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confidential in nature and may not be opined
or reproduced without prior written consent.
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Orig. Date: 03/21/18	Prepared by: JJD
Rev. Date: 03/27/18	Checked by:
Rev. Date:	Approved by:
Comments:	

0 750 1500 3000 (Scale in feet)





Wadestown Project Area WDTN5HSU Unit Area Spacing Waiver Exhibit Battelle District, Monongalia County, WV

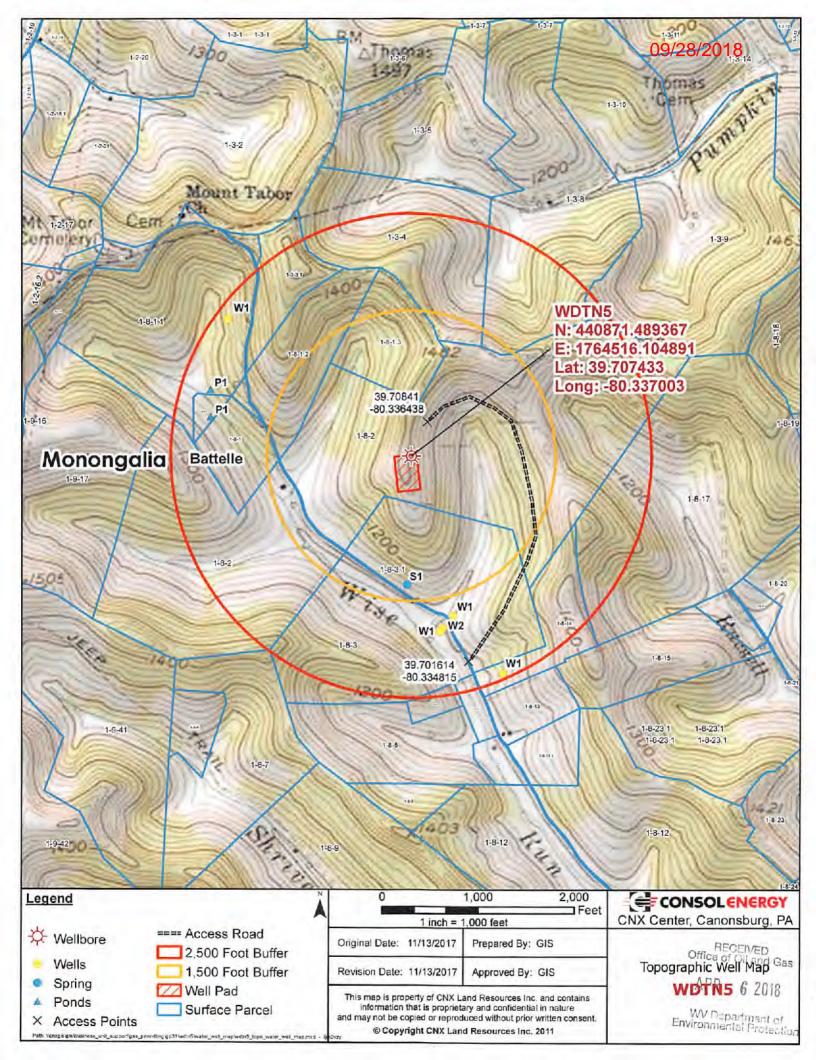


1000 Consol Energy Drive
Canonsburg, PA.15317-6506
his map is property of CNX Resources Corpo
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or reproduced without prior written conser
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Orig. Date: 02/14/18	Prepared by: JJD
Rev. Date: 03/20/18	Checked by:
Rev. Date:	Approved by:
Comments:	

0 800 1600 3200 (Scale in feet)

File Location:



09/28/2018

Book/Page

WW-6A1 (5/13) Operator's Well No. WDTN5BHSU

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

See attached.

Office of Colone Ges.

APR 6 2018

Environmental Process

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: Raymond Hoon Ram Hoon

Its: Permitting Supervisor

Page 1 of

Attachment - Form WW-6A-1 for WDTN5BHSU

Table			Title				
1	Tract ID			Grantor, Lessor, etc	Grantee, Lessee, etc	0	Darah (Darah
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TID	Tax Map	<u> Title</u>	Donald E. Nunley Mary Nunley Stepelton and Donald Stepelton Jane Irons Melissa Bookout Elleen Ann Lyle Robert Eugene Michael, Sr. and Darlene Ann Michael Frank Dennis Michael, Jr. and Mary Frances Michael Evelyn June Michael Tanya Chersin a/k/a Tonya Chersin Boyd Hawkins and Karl J. Hawkins Becky Bortnick Hawkins	CNX Gas Company, LLC	Not less than 1/8 Fee Conveyance	1598/230 1596/260 1597/85 1602/108 1602/113 1600/462 1599/262 1599/267 1600/800 1601/148 1601/152 1605/324
Tract (D	& Parcel	Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
2	1-8-3 & 1-			CNX Gas Company, LLC	Not less than 1/8 Assignment	1506/533 128/628
				Noble Energy, Inc. CNX Gas Company, LLC	Assignment	131/339
				CNX Gas Company, LLC	Lease Amendment	1599/670
			Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1507/427 129/312
			Noble Energy, Inc. Donald L. White, individually and as agent for Helen J. Shriver, Larry L.	CNX Gas Company, LLC	Assignment	131/339
			Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver			4704/444
			Family Trust Arnold D. Anderson, individually, and as Trustee of the Arnold D.	CNX Gas Company, LLC	Lease Amendment	1594/411
			Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008 Arnold D. Anderson, Individually, and as Trustee of the Arnold D.	CNX Gas Company, LLC	Not less than 1/8	1515/794
			Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	CNX Gas Company, LLC	Lease Amendment	1609/353
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	129/312 131/339
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	& Parcel	Opinion QLS #	CBC Holdings, LLC CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment	1375/675 1415/388
	& Parcel	Opinion QLS #	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment	1375/675 1415/388 1415/344
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	& Parcel	Opinion QLS #	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas Dorothy L. Stewart and Harold L. Stewart Jr.	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Not less than 1/8 Not less than 1/8	1375/675 1415/388 1415/344 1599/675 1599/685 1599/680
	& Parcel	Opinion QLS #	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Not less than 1/8	1375/675 1415/388 1415/344 1599/675 1599/685
	& Parcel	Opinion QLS # 239934000 Title Opinion QLS	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas Dorothy L. Stewart and Harold L. Stewart Jr. Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Not less than 1/8 Not less than 1/8	1375/675 1415/388 1415/344 1599/675 1599/685 1599/680
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Tract ID.	8 Parcel 1-3-1.3 Tax Map & Parcel 1-8-1.2 Tax Map & Parcel	Opinion QLS # 239934000 Title Opinion QLS # 205005000	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas Dorothy L. Stewart and Harold L. Stewart Ir. Earl W. Kennedy Grantor, Lessor, etc CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Royalty Not less than 1/8 Lease Amendment Not less than 1/8 Assignment Assignment Not less than 1/8 Royalty Not less than 1/8 Lease Amendment	1375/675 1415/388 1415/344 1599/675 1599/685 1599/680 1375/631 Book/Pare 1375/675 1415/388 1415/344 1459/36 129/270 131/339 1375/631 Book/Pare 1375/675 1415/388 1415/344 1520/461
Tract ID. 4 Tract ID. 5	8 Parcel 1-3-1.3 Tax Map & Parcel 1-8-1.2 Tax Map & Parcel 1-8-1.2	Opinion QLS # 239934000 Title Opinion QLS # 205005000 Title Opinion QLS # 204775000	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas Dorothy L. Stewart and Harold L. Stewart Ir. Earl W. Kennedy Grantor, Lessor, etc CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC David W. Deaton and Elizabeth K. Deaton CNX Gas Company, LLC Noble Energy, Inc. Earl W. Kennedy Grantor, Lessor, etc CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Steven M. Macyda Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Not less than 1/8 Royalty Not less than 1/8 Lease Amendment Not less than 1/8 Assignment Assignment Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Lease Amendment Not less than 1/8 Lease Amendment Not less than 1/8 Lease Amendment	1375/675 1415/388 1415/344 1599/675 1599/685 1599/680 1375/631 Book/Paree 1375/675 1415/388 1415/344 1459/36 129/270 131/339 1375/631 Book/Paree 1375/675 1415/388 1415/344 14520/461 1611/41
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Tract ID. 4 Tract ID. 5	8 Parcel 1-3-1.3 Tax Map & Parcel 1-8-1.2 Tax Map & Parcel 1-8-1.2	Opinion QLS # 239934000 Title Opinion QLS # 205005000 Title Opinion QLS # 204775000	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas Dorothy L. Stewart and Harold L. Stewart Ir. Earl W. Kennedy Grantor, Lessor, etc CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Steven M. Macyda CGrantor, Lessor, etc CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Assignment Assignment Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8	1375/675 1415/388 1415/344 1599/675 1599/685 1599/680 1375/631 Book/Pare 1375/675 1415/388 1415/344 1459/36 129/270 131/339 1375/631 Book/Pare 1375/675 1415/388 1415/344 1520/461 1611/41 1375/631
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Tract ID	Tax Map & Parcel	<u>Title</u> Opinion QLS		Grantor, Lessor, etc	Grantee, Lessee, etc		
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7	1-8-1.1	188587000	CBC Holdings, LLC		CNX Gas Company, LLC	Not less than 1/8	1375/675 1415/388
			CBC Holdings, LLC		CNX Gas Company, LLC	Lease Amendment Lease Amendment	1415/344
			CBC Holdings, LLC	Manh	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1602/835
			Gary L. Neely and Arlene Gary L. Neely and Arlene		CNX Gas Company, LLC	Lease Amendment	1607/801
			Earl W. Kennedy	Media	CNX Gas Company, LLC	Not less than 1/8	1375/631
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	Tax Map	<u>Title</u>					
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8	1-3-3	239940000	Steven M. Macyda		CNX Gas Company, LLC	Not less than 1/8 Lease Amendment	1520/461 1611/41
			Steven M. Macyda Earl W. Kennedy		CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1375/631
Tract ID	Tax Map	<u>Title</u> Opinion QLS		Grantor, Lessor, etc	Grantee, Lessee, etc		
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		ш					Not Yet Recorded
			Mt. Tabor Methodist Epi	scopal Church	CNX Gas Company, LLC		Unrecorded Copy
9	1-2-22	188584000				Not less than 1/8	Attached
			Earl W. Kennedy		CNX Gas Company, LLC	Not less than 1/8	1375/631
		Title					
Tract ID	Tax Map & Parcel	Opinion OLS		Grantor, Lessor, etc	Grantee, Lessee, etc		
	<u>at Parcel</u>	#				Royalty	Book/Page
		_					Not Yet Recorded
			Mt. Tabor Methodist Epi	scopal Church	CNX Gas Company, LLC		Unrecorded Copy
10	1-2-24	188585000			AND 0 A	Not less than 1/8	Attached 1375/631
			Earl W. Kennedy		CNX Gas Company, LLC	Not less than 1/8	15/3/031
		Title					
Tract ID	Tax Map & Parcel	Opinion QLS		Grantor, Lessor, etc	Grantee, Lessee, etc		
	ot reitei	£				Royalty	Book/Page
11	1-3-2	204777000	David Charles White and	Regina Sue White	CNX Gas Company, LLC	Not less than 1/8	1614/136
			Lucy Mae Stickley		CNX Gas Company, LLC	Not less than 1/8	1529/675
			CNX Gas Company, LLC		Noble Energy, Inc.	Assignment Assignment	129/292 131/339
			Noble Energy, Inc. Marian R. Stone Garrett		CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1527/235
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			CNX Gas Company, LLC		Noble Energy, Inc.	Assignment	129/312
			CNX Gas Company, LLC Noble Energy, Inc.		Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	129/312 131/339
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			Noble Energy, Inc. Patricia K. W. Hoekstra CNX Gas Company, LLC Noble Energy, Inc. Richard H. Benson, II CNX Gas Company, LLC Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Tailbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate		CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Assignment Not less than 1/8 Assignment Assignment Not less than 1/8	131/339 1527/239 129/312 131/339 1520/494 129/312 131/339 1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1520/502 129/312 131/339 1520/502
			Noble Energy, Inc. Patricia K. W. Hoekstra CNX Gas Company, LLC Noble Energy, Inc. Richard H. Benson, II CNX Gas Company, LLC Noble Energy, Inc. Alivy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Cox Gas Company, LLC Noble Energy, Inc. Cox Gas Company, LLC Noble Energy, Inc. Robert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC		CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment	131/339 1527/239 129/312 131/339 1520/494 129/312 131/339 1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1520/502 129/312 131/339 1526/591 129/312 131/339
			Noble Energy, Inc. Patricia K. W. Hoekstra CNX Gas Company, LLC Noble Energy, Inc. Richard H. Benson, II CNX Gas Company, LLC Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Tailbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc.		CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment	131/339 1527/239 129/312 131/339 1520/494 129/312 131/339 1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1520/502 129/312 131/339 1520/502 129/312 131/339 1527/558
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			Noble Energy, Inc. Patricia K. W. Hoekstra CNX Gas Company, LLC Noble Energy, Inc. Richard H. Benson, II CNX Gas Company, LLC Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Tailbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Fobert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC		CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment	131/339 1527/239 129/312 131/339 1520/494 129/312 131/339 1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1520/508 129/312 131/339 1526/591 129/312 131/339 1526/591 129/312 131/339 1527/558 129/312 131/339 1527/563
			Noble Energy, Inc. Patricia K. W. Hockstra CNX Gas Company, LLC Noble Energy, Inc. Richard H. Benson, II CNX Gas Company, LLC Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. LIC Noble Energ		CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment	131/339 1527/239 129/312 131/339 1520/494 129/312 131/339 1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1520/502 129/312 131/339 1520/502 129/312 131/339 1520/503 129/312 131/339 1527/568 129/312 131/339 1527/568 129/312 131/339 1527/568
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			Noble Energy, Inc. Patricia K. W. Hoekstra CNX Gas Company, LLC Noble Energy, Inc. Richard H. Benson, II CNX Gas Company, LLC Noble Energy, Inc. Alivy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Toky Gas Company, LLC Noble Energy, Inc. Trederick Tate CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Jennifer Marie Carringto Jennifer Marie Carringto	n	CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Assignment Not less than 1/8 Assignment Assignment Not less than 1/8	131/339 1527/239 129/312 131/339 1520/494 129/312 131/339 1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1526/591 129/312 131/339 1527/558 129/312 131/339 1527/558 129/312 131/339 1527/558 129/312 131/339 1527/568 129/312 131/339 1527/663
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			Data and Office	CNX Gas Company, LLC	Not less than 1/8	1529/679
			Robert S. Elliot CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jane E. McIntyre and Glenn C. McIntyre	CNX Gas Company, LLC	Not less than 1/8	1614/708
			Jan W. Ellison and Thomas A. Ellison	CNX Gas Company, LLC	Not less than 1/8	1614/704
			Marianne Ann Borkowski and Marc Borkowski	CNX Gas Company, LLC	Not less than 1/8	1614/645
			Edith B. White	CNX Gas Company, LLC	Not less than 1/8	1614/649
			Nancy Emerick	CNX Gas Company, LLC	Not less than 1/8	1614/145
			Betty Ann Reed	CNX Gas Company, LLC	Not less than 1/8	1612/556
			David Ray Stone	CNX Gas Company, LLC	Not less than 1/8	1606/619
			Donald E. Stone	CNX Gas Company, LLC	Not less than 1/8	1605/624
			Doris Jean White	CNX Gas Company, LLC	Not less than 1/8	1605/329
			Sandra Pixler	CNX Gas Company, LLC	Not less than 1/8	1605/808
			Victor A. White (4/147)	N/A	Unleased Unleased	Unleased Unleased
			Melinda Reid Hatton (2/147)	N/A	Unleased	Unleased
			Dennis F. Hatton Jr. (1/147)	N/A N/A	Unleased	Unleased
			Amanda Hatton (1/147)	14/2	o in cooco	
	Tax Map	<u>Title</u>	• • • • • • • • • • • • • • • • • • • •			
Tract ID	& Parcel	Opinion QLS	Grantor, Lessor, etc	Grantee. Lessee, etc	Royalty	Book/Page
12	1-2-21	# 204778000	Cheryl Lynn Bennett Frankenfield	CNX Gas Company, LLC	Not less than 1/8	1516/482
12	1-2-21	204778000	CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Connie Lee Norwood	CNX Gas Company, LLC	Not less than 1/8	1523/309
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Beth Ellen Younciak, a/k/a Beth Ellen Bennett	CNX Gas Company, LLC	Not less than 1/8	1524/73
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Ewing Albert Bennett	CNX Gas Company, LLC	Not less than 1/8	1523/313
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Cheryl Lynn Bennett Frankenfield	CNX Gas Company, LLC	Not less than 1/8	1524/538
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Emily B. Vallin	CNX Gas Company, LLC	Not less than 1/8	1527/243
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment Not less than 1/8	131/339 1527/563
			Jennifer Sue Carpenter	CNX Gas Company, LLC	Assignment	129/292
			CNX Gas Company, LLC	Noble Energy, Inc. CNX Gas Company, LLC	Assignment	131/339
			Noble Energy, Inc. Shirley Dotterer Wadsworth	CNX Gas Company, LLC	Not less than 1/8	1520/445
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Kathryn Dotterer Vahl	CNX Gas Company, LLC	Not less than 1/8	1522/69
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Thelma R. Dotterer Chowning	CNX Gas Company, LLC	Not less than 1/8	1517/249
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Marc D. Prochazka	CNX Gas Company, LLC	Not less than 1/8	1526/342
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard Leslie Puchstein	CNX Gas Company, LLC	Not less than 1/8	1516/478
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Carl Eric Puchstein	CNX Gas Company, LLC	Not less than 1/8	1516/482
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	129/312 131/339
			Noble Energy, Inc.	CNX Gas Company, LLC	e de la constant de l	113
			Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as	CNX Gas Company, LLC		
			Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014		Not less than 1/8	1516/474
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			John William Bennett	CNX Gas Company, LLC	Not less than 1/8	1614/315
			Jeffery Carpenter	CNX Gas Company, LLC	Not less than 1/8	1614/727
			Kent P. Prochazka (1/18)	N/A	Unleased	Unleased
	Tax Map	Title				
Tract ID	& Parcel	Opinion QLS	Grantor, Lessor, etc	Grantee, Lessee, etc	n- *	David (D)
		# 188580000			Royalty	Book/Page
13	2-18.1	204779000	John Samuel Stewart	CNX Gas Company, LLC	Not less than 1/8	1528/460
_			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			John Samuel Stewart	CNX Gas Company, LLC	Lease Amendment	1598/217
			Samuel William Stewart and Barbara C. Stewart	CNX Gas Company, LLC	Not less than 1/8	1528/251
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
						121/220
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Samuel William Stewart and Barbara C. Stewart	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment	1592/682
			Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation	CNX Gas Company, LLC EQT Production Company	Lease Amendment Not less than 1/8	1592/682 1 516/2 68
			Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation EQT Production Company	CNX Gas Company, LLC EQT Production Company CNX Gas Company, LLC	Lease Amendment Not less than 1/8 Assignment	1592/682 1 516/268 135/765
			Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation EQT Production Company Hu's Land and Minerals LLC	CNX Gas Company, LLC EQT Production Company CNX Gas Company, LLC EQT Production Company	Lease Amendment Not less than 1/8 Assignment Not less than 1/8	1592/682 1516/268 135/765 1516/270
			Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation EQT Production Company	CNX Gas Company, LLC EQT Production Company CNX Gas Company, LLC	Lease Amendment Not less than 1/8 Assignment	1592/682 1 516/268 135/765

		<u>Title</u>				
Tract ID	Tax Map & Parcel	Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
14	1-3-2		David Charles White and Regina Sue White	CNX Gas Company, LLC	Not less than 1/8	1614/136
			Lucy Mae Stickley	CNX Gas Company, LLC	Not less than 1/8	1529/675
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Marian R. Stone Garrett	CNX Gas Company, LLC	Not less than 1/8	1527/235
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Patricia K. W. Hoekstra	CNX Gas Company, LLC	Not less than 1/8	1527/239
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard H. Benson, II	CNX Gas Company, LLC	Not less than 1/8	1520/494
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Alvy S. White	CNX Gas Company, LLC	Not less than 1/8	1521/777 129/312
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	•
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Anita Taibett	CNX Gas Company, LLC	Not less than 1/8	1 521/773 129/312
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/339
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	1520/498
			Karen I. Meyers	CNX Gas Company, LLC	Not less than 1/8	129/312
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	131/339
			Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1517/242
			Carol S. White Davis	CNX Gas Company, LLC	Assignment	129/312
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/339
			Noble Energy, Inc.	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1520/502
			Edwin R. White (I	• • • • • • • • • • • • • • • • • • • •	Assignment	129/312
			CNX Gas Company, LLC	Noble Energy, Inc. CNX Gas Company, LLC	Assignment	131/339
			Noble Energy, Inc. Robert Tate Jr.	CNX Gas Company, LLC	Not less than 1/8	1526/591
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Frederick Tate	CNX Gas Company, LLC	Not less than 1/8	1527/558
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Timothy Tate Jr.	CNX Gas Company, LLC	Not less than 1/8	1527/663
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Alex Tate	CNX Gas Company, LLC	Not less than 1/8	1528/243
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jennifer Marie Carrington	CNX Gas Company, LLC	Not less than 1/8	1529/272
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Robert S. Elliot	CNX Gas Company, LLC	Not less than 1/8	1529/679
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jane E. McIntyre and Glenn C. McIntyre	CNX Gas Company, LLC	Not less than 1/8	1614/708
			Jan W. Eilison and Thomas A. Eilison	CNX Gas Company, LLC	Not less than 1/8	1614/704
			Marianne Ann Borkowski and Marc Borkowski	CNX Gas Company, LLC	Not less than 1/8	1614/645
			Edith B. White	CNX Gas Company, LLC	Not less than 1/8	1614/649
			Nancy Emerick	CNX Gas Company, LLC	Not less than 1/8	1614/145
			Betty Ann Reed	CNX Gas Company, LLC	Not less than 1/8	1612/556
			David Ray Stone	CNX Gas Company, LLC	Not less than 1/8	1606/619
			Donald E. Stone	CNX Gas Company, LLC	Not less than 1/8	1605/624
			Doris Jean White	CNX Gas Company, LLC	Not less than 1/8	1605/329
			Victor A. White (2/147)	N/A	Unleased	Unleased
			Melinda Reid Hatton (2/294)	N/A	Unleased	Unleased
			Dennis F. Hatton Jr. (2/588)	N/A	Unleased	Unleased
			Amanda Hatton (2/588)	N/A	Unleased	Unleased
		TAL				
	Tax Map	<u>Title</u>	Command According			
Tract (D	& Parcel	Opinion QLS	Grantor, Lessor, etc	Grantee, Lessee, etc	Davide:	Dest-In
4-		#		5070-4-11-6-11-6	Royalty	Book/Page
15	1-2-20	239936000	Merrion Oil and Gas Corporation	EQT Production Company	Not less than 1/8	1516/268
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
			Hu's Land and Minerals LLC	EQT Production Company	Not less than 1/8	1516/270
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
		Title				
Tract ID	Tax Map	Opinion QLS	Grantor, Lessor, etc	Grantee, Lessee, etc		
TIPELIE.	& Parcel	#	STATISTICS NO. 2001 1 CO.	NINITEDI RESTERI SIL	Royalty	Book/Page
16	1-2-19		Merrion Oil and Gas Corporation	EQT Production Company	Not less than 1/8	1516/268
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
			Hu's Land and Minerals LLC	EQT Production Company	Not less than 1/8	1516/270
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
						,

MEMORANDUM OF LEASE

(West Virginia) 243015000

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into as of the 2 day of Formula 2018, and effective as of the 13th day of February, 2018 (the "Effective Date"), by and between Mt. Tabor United Methodist Church by its Trustees; Roy L. Hall, Victoria Hall, John L. Miller, Karen Miller, Sonya Miller, Adam Miller, Barbara Wagner, Lillian Wagner, Beto Gorostieta, Bill Archeart, Lynda Archeart and Leonard Hall, with an address at 71 Country Road, Fairview, WV 26570 ([collectively,] "Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Mt Tabor United Methodist Church 71 Country Road Fairview, WV 26570

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317

{B1999353.1} Version WV - 4/2015
Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: Feb, 2, 2018

Effective Date of Lease: February, 13th 2018

4. DESCRIPTION OF SUBJECT PREMISES:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones underlying the Leased Premises located in Battelle District, Monongalia County, West Virginia, Property Tax Parcel Identification No.'s 31-01-0002-0022-0000 and 31-01-0002-0024-0000, said parcels being more particularly described by instrument dated June 18, 1841, and recorded at OS 18, Page 186, by instrument dated October 15, 1888 and recorded at Deed Book 42, Page 198, by instrument dated October 24, 1902, and recorded at Deed Book 89, Page 159, and by instrument dated October 29, 1902, and recorded at Deed Book 89, Page 160, containing approximately 5.00 acres, (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, geophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, nondomestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.
- 6. RENEWAL OR EXTENSION RIGHTS: NONE

7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail. including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. EXECUTION:

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR:	LESSEE:
Mt Tabor United Methodist Church	CNX Gas Company LLC
	By:
By: Roy L. Hall, Trustee	
By: Victoria Hall, Trustee John L. Miller, Trustee	
By: Karen Miller, Trustee	
By: Sonya Miller, Trustee	
By: Adam Miller, Trustee	
By: Barbara Wagner, Trustee By: Lillian Wagner, Trustee	
By: Beto Gorostieta, Trustee	
By: Bill Archeart, Trustee Synda Archeart, Trustee By: Lynda Archeart, Trustee	Leonard Hall, Trustee

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR:	LESSEE:
Mt Tabor United Methodist Church	CNX Gas Company LLC
By: Roy I. Hall, Trustee Autou Hall By: Victoria Hall, Prustee	By:
By: John L. Miller, Trustee	
By: Karen Miller, Trustee	
By: Sonya Miller, Trustee	
By: Adam Miller, Trustee	
By: Barbara Wagner, Trustee	
By: Lillian Wagner, Trustee	
By: Beto Gorostieta, Trustee	
By: Bill Areheart, Trustee	
By: Lynda Areheart, Trustee	Leonard Hall, Trustee

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF FLOADS	<u>n</u>
The foregoing instrument was acknowled	dged before me on the 10 day of 1-5 8,
2018 by Mt. Tabor Methodist Church by its I	rustees; Roy L. Hall and Victoria Hall, whose
name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand	l and official seal.
(Notarial Seal) who Michael Eric Cave My Commission # GG 043152). M E.C
EXPIRES: November 5, 2020 For a ST Bonded Thru Budget Notary Services	NOTARY PUBLIC
. 6.0% b.f.a. Downer une produit wastry acuteaz	My commission expires 5 Nou 2020
STATE/COMMONWEALTH OF	
COUNTY OF	lged before me on the day of,
2018 by Mt. Tabor Methodist Church by its T	rustees; John L. Miller and Karen Miller
In witness hereof, I hereunto set my hand (Notarial Seal)	and official seal.
In witness hereof, I hereunto set my hand	and official seal. NOTARY PUBLIC
In witness hereof, I hereunto set my hand	NOTARY PUBLIC My commission expires
In witness hereof, I hereunto set my hand (Notarial Seal) STATE/COMMONWEALTH OF COUNTY OF	NOTARY PUBLIC My commission expires
In witness hereof, I hereunto set my hand (Notarial Seal) STATE/COMMONWEALTH OF	NOTARY PUBLIC My commission expires ged before me on the day of
In witness hereof, I hereunto set my hand (Notarial Seal) STATE/COMMONWEALTH OF COUNTY OF The foregoing instrument was acknowled 2018 by Mt. Tabor Methodist Church by its T	NOTARY PUBLIC My commission expires ged before me on the day of rustees; Sonya Miller and Adam Miller,
In witness hereof, I hereunto set my hand (Notarial Seal) STATE/COMMONWEALTH OF COUNTY OF The foregoing instrument was acknowled 2018 by Mt. Tabor Methodist Church by its T whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand	NOTARY PUBLIC My commission expires ged before me on the day of rustees; Sonya Miller and Adam Miller,

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF	
COUNTY OF	
The foregoing instrument was acknowl	edged before me on the day of,
2018 by Mt. Tabor Methodist Church by its	Trustees; Roy L. Hall and Victoria Hall, whose
name(s) is/are signed hereto.	
In witness hereof, I hereunto set my har (Notarial Seal)	nd and official seal.
	NOTARY PUBLIC
	My commission expires
STATE/COMMONWEALTH OF WVA	
COUNTY OF MOUDING A	
	edged before me on the 2 rd day of FeB
2018 by Mt. Tabor Methodist Church by its	Trustees: John I. Millan and Varon Millan
whose name(s) is/are signed hereto.	riustees, somi E. Minici and Katen Minici
alnavituess hereof. Lhereunto set my har	nd and official seal.
A TEST I A Notal ya Liste Ci West Virginia	
JEFFREY L RIGGANS One Energy Drive	
Jano Lew, WV 28378	NOTARY PUBLIC
My Commission Expires September 18, 2022	My commission expires 9-18-22
STATE/COMMONWEALTH OF WUA	
COUNTY OF MONONIALIA	··············
The foregoing instrument was acknowled	edged before me on the and day of Fe &
2018 by Mt. Tabor Methodist Church by its	Trustees: Sanva Miller and Adam Miller
whose name(s) is/are signed hereto.	reastess, souly a winner and Adam winner,
In witness hereof, I hereunto set my han	d and official seal
(Notarial Seal)	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
OFFICIAL SEAL Notary Public, State Of West Virginia	NOTAKY PUBLIC
JEFFREY L RIGGANS One Energy Drive	My commission expires 9-18-22
Jane Lew, WV 26378 My Commission Expires September 18, 2022	
A MY LOTTINGS OF LINES SHUHDUH 10, 2022 A	

{B1999353.1} 6 Version WV - 4/2015
Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

STATE/COMMONWEALTH OF WVI	/ -
COUNTY OF MUNICIPALITY	
The foregoing instrument was acknowledge	owledged before me on the Zndday of FeB
2018 by Mt. Tabor Methodist Church by	its Trustees; Leonard Hall, whose name(s) is/are
signed hereto.	the same of the sa
In witness hereof, I hereunto set my	hand and official seal
(Notarial Seal)	Halla and Official Scale.
MARARARARARARARARARARARARARARARARARARAR	
OFFICIAL SEAL Notary Public, State Of West Virginia	NOTARY PUBLIC
JEFFREY L RIBGANS	My commission expires 9-18-22
One Energy Drive Jane Lew, WV 28378	ivis commission expires
My Commission Expires September 18, 2022	
COMMONWEALTH OF PENNSYLVANI	ĪΔ
COUNTY OF WASHINGTON	
	owledged before me on the day of
2018 by Timothy Surmick, who asknowled	odged himself to be the Anit (A 77)
CNY Cos Company II C a Vincinia lie	edged himself to be the Assistant Vice President of
outhorized to do as assessed the Court	mited liability company, and that he as such, being
audiorized to do so, executed the foregoing	instrument on behalf of CNX Gas Company LLC.
In witness hereof, I hereunto set my	hand and official seal.
(Notarial Seal)	
	NOTABLE
	NOTARY PUBLIC
	My commission expires

MEMORANDUM OF LEASE

(West Virginia) 243015000

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into as of the 2°2 day of formula and effective as of the 13th day of February, 2018 (the "Effective Date"), by and between Mt. Tabor United Methodist Church by its Trustees; Roy L. Hall, Victoria Hall, John L. Miller, Karen Miller, Sonya Miller, Adam Miller, Barbara Wagner, Lillian Wagner, Beto Gorostieta, Bill Areheart, Lynda Areheart and Leonard Hall, with an address at 71 Country Road, Fairview, WV 26570 ([collectively,] "Lessor"), and CNX Gas Company LLC, a Virginia limited liability company, with an address at 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317-6506 ("Lessee") (each a "Party," and together the "Parties").

WHEREAS, Lessor and Lessee have entered into a certain Oil and Gas Lease further described below (the "Lease") whereby Lessor has leased to Lessee certain oil and gas estates, interests and appurtenant rights more particularly described below and in the Lease; and

WHEREAS, in lieu of recording the Lease, the Parties have executed, acknowledged and delivered this Memorandum for recordation pursuant to W.Va. Code § 40-1-8 et seq. Capitalized terms used but not defined herein shall refer to terms defined in the Lease.

NOW, THEREFORE, Lessor and Lessee, intending to be legally bound, hereby publish and give notice of the tenancy created and certain of the rights granted by and obligations under the Lease, as follows:

1. NAME AND ADDRESS OF LESSOR:

Mt Tabor United Methodist Church 71 Country Road Fairview, WV 26570

2. NAME AND ADDRESS OF LESSEE:

CNX Gas Company LLC 1000 CONSOL Energy Drive Canonsburg, PA 15317 RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

{B1999353.1} I Version WV - 4/2015
Prepared by/Return to: CNX Gas Company LLC, Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:

Date of execution of Lease: Feb. 2, 2018

Effective Date of Lease: February, 13th 2018

4. DESCRIPTION OF SUBJECT PREMISES:

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or nonhydrocarbon and all other substances produced therewith (collectively, whether any of the foregoing, the "Leased Oil/Gas") from all subsurface strata, formations, voids, and zones underlying the Leased Premises located in Battelle District, Monongalia County, West Virginia, Property Tax Parcel Identification No.'s 31-01-0002-0022-0000 and 31-01-0002-0024-0000, said parcels being more particularly described by instrument dated June 18, 1841, and recorded at OS 18, Page 186, by instrument dated October 15, 1888 and recorded at Deed Book 42, Page 198, by instrument dated October 24, 1902, and recorded at Deed Book 89, Page 159, and by instrument dated October 29, 1902, and recorded at Deed Book 89, Page 160, containing approximately 5.00 acres, (collectively, the "Leased Premises"), together with a non-exclusive subsurface easement through all formations for the purpose of accessing, exploring, developing, and producing the Leased Oil/Gas. Lessor hereby grants and leases exclusively to Lessee all rights necessary, convenient, or incident to explore, drill, develop, produce, treat, transport and market Leased Oil/Gas and otherwise conduct Operations on and about the Leased Premises and any lands pooled or unitized with the Leased Premises using all available methods and techniques under current and future technology, including, without limitation, the following rights: to have full and free access over and through the Leased Premises; to conduct geological, gcophysical, core drilling and other exploratory work; to drill, re-drill, lengthen, re-work, stimulate, fracture, plug, remove and/or abandon vertical or horizontal wells, and to inject under pressure water, air, brine and other fluids and substances (including, without limitation, nondomestic water from the Leased Premises, free of cost) into subsurface strata and/or withdraw the same therefrom; to erect and operate drill sites and drilling rigs and related facilities to treat, separate, compress, dehydrate, process, gather, and measure and shut-in Leased Oil/Gas, together with all other equipment, structures and facilities that Lessee deems desirable for use in its operations; to construct, use and operate roads, utility lines, canals, impoundments and pits; to install and operate pipelines, tanks, pumps, compressors, condensers and other equipment and facilities for use in transporting Leased Oil/Gas from the Leased Premises and from other lands, over and through the Leased Premises (all of the foregoing activities are collectively referred to herein as "Operations"); and to have and enjoy all rights and privileges reasonably necessary or appropriate to effectuate the purposes of this Lease.

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Office of Oil and Gas

APR **6** 2018

5. TERM OF LEASE:

- A. <u>Primary Term</u>. This Lease shall remain in force for a term of five (5) years following the Effective Date (the "<u>Primary Term</u>").
- B. Secondary Term. This Lease shall remain in full force and continue following the Primary Term as to the entirety of the Leased Premises for so long thereafter as any of the following circumstances exist (such period, the "Secondary Term"): (i) Lessee is conducting any Operations on the Leased Premises or any lands pooled or unitized therewith; (ii) any of the Leased Oil/Gas are being produced in commercial quantities from the Leased Premises or any lands pooled or unitized therewith; (iii) any well on the Leased Premises or on any lands pooled or unitized therewith is Shut-In; or (iv) this Lease is otherwise extended by Force Majeure, Equitable Tolling, or other terms hereof.
- 6. RENEWAL OR EXTENSION RIGHTS: NONE
- 7. RIGHT OF PURCHASE, RIGHT OF FIRST REFUSAL AND/OR OPTIONS:

In the event that Lessor receives from any third party any bona fide offer to grant an additional oil and/or gas lease covering all or part of the Leased Premises within the Term, Lessor shall provide Lessee with a written notice of such offer by certified mail, including the proposed lessee's name, bonus consideration and royalty consideration, and a true, correct and complete copy of the proposed lease. Lessee shall have ninety (90) days following receipt of such written notice to elect to exercise a right of first refusal, in Lessee's sole and absolute discretion, to enter into an oil and gas lease with Lessor on the same terms and conditions as set forth in the proposed lease. Should Lessee so elect, Lessee shall notify Lessor in writing within such ninety (90) day period and submit therewith a lease with Lessee containing the same terms and conditions and, if so desired by Lessee, a memorandum of such lease for recordation. Within ten (10) days after receipt of such signed lease and memorandum of lease (if any) back from Lessor, Lessor shall counter-sign and return such lease and memorandum of lease (if any) to Lessee together with the bonus payment required under such lease. No single exercise of the foregoing right of first refusal shall exhaust any rights granted hereunder to subsequent offers covering all or any part of the Leased Premises. Any additional lease granted to any third party by Lessor in violation of this provision shall be null and void.

8. EXECUTION:

This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

THIS MEMORANDUM IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THIS MEMORANDUM AND THOSE OF THE LEASE, THE TERMS OF THE LEASE SHALL CONTROL.

RECEIVED Office of Citiand Gas

APR 6 2018

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: Mt Tabor United Methodist Church	LESSEE:	
and another market	CNX Gas Company LLC By: Name: Timothy Surmick	
By: Roy L. Hall, Trustee	Title: Assistant Vice President	
By: Victoria Hall, Trustee		
By: John L. Miller, Trustee		
By: Karen Miller, Trustee By: Sonya Miller, Trustee		
By: Adam Miller, Trustee		
By: Barbara Wagner, Trustee The home (T)		
By: Lillian Wagner, Trustee By: Beto Gorostieta, Trustee		
By: Bill Archeart, Trustee Synda Unda est By: Lynda Archeart, Trustee	ford Hall	Draw
DJ. DJIIGA AITHEAIN, I FUSTEE	Legiard Hall, Trustee	Office of Oil and Gas

APR 6 2018

IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR: Mt Tabor United Methodist Church	LESSEE: CNX Gas Company LLC		
By: Roy I. Hall, Trustee Statem Hall, Prustee	By: Name: Timothy Surmick Title: Assistant Vice President	 &	
By: John L. Miller, Trustee			
By: Karen Miller, Trustee			
By: Sonya Miller, Trustee			
By: Adam Miller, Trustee			
By: Barbara Wagner, Trustee			
By: Lillian Wagner, Trustee			
By: Beto Gorostieta, Trustee			
By: Bill Areheart, Trustee		Office of	CEIVED Cil and Gas
		RYA	6 2018
By: Lynda Areheart, Trustee	Leonard Hall, Trustee	Community of	ment of

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF FL PARDA COUNTY OF 17 C 1+ C ANDS	
	-41-C 4 15 1 C C (C)
2019 by Mt. Tobor Moth dist Charact by its To	ed before me on the $\underline{/D}$ day of $\underline{/CB}$,
2018 by Mt. Tabor Methodist Church by its Tr	ustees; Roy L. Hall and Victoria Hall, whose
name(s) is/are signed hereto.	
In witness hereof, I hereunto set my hand a	and official seal.
(Notarial Seal) No Pub. MICHAEL ERIC CAVE ANY COMMISSION # GG 043152 EXPIRES: November 5, 2020	J.18-C
Por store Bonded Thru Budget Notary Services	NOTARY PUBLIC
	My commission expires 5 Nov 2020
STATE/COMMONWEALTH OF	_
COUNTY OF	
The foregoing instrument was acknowledge	ed before me on the day of,
2018 by Mt. Tabor Methodist Church by its Tri	ustees: John L. Miller and Karen Miller
whose name(s) is/are signed hereto.	The state of the s
In witness hereof, I hereunto set my hand a	nd official seal
(Notarial Seal)	and official Scal.
(c · : · · · · · · · · · · · · · · · · ·	
	NOTARY PUBLIC
	My commission expires
STATE/COMMONWEALTH OF	
COUNTY OF	•
The foregoing instrument was acknowledge	ed hefore me on the day of
2018 by Mt. Tabor Methodist Church by its Tru	stees Conve Miller and Adam Miller,
whose name(s) is/are signed hereto.	istees; Sonya Miller and Adam Miller,
	1 CC
In witness hereof, I hereunto set my hand a (Notarial Seal)	nd official seal.
	NOTARY PUBLIC
	My commission expires

RECEIVED
Office of Oil and Gas

APR 6 2018

ACKNOWLEDGMENTS

STATE/COMMONWEALTH OF	
COUNTY OF	
The foregoing instrument was acknowled	edged before me on the day of,
name(s) is/are signed hereto.	Trustees; Roy L. Hall and Victoria Hall, whose
In witness hereof, I hereunto set my har (Notarial Seal)	nd and official seal.
	NOTARY PUBLIC
	My commission expires
STATE/COMMONWEALTH OF WVA	
COUNTY OF MONONANDA	
	edged before me on the 2 ^M day of FeB
2018 by Mt. Tabor Methodist Church by its	Trustees: John L. Miller and Karen Miller
whose name(s) is/are signed hereto.	
In witness hereof L hereunto set my har	nd and official seal.
A TENENTIAL SEAL SEAL OF West Virginia	
JEFFREY L RIGGANS One Energy Drive	
Jane Lew WV 28378	NOTARY PUBLIC
My Commission Expires September 18, 2022	My commission expires 9-18-22
STATE/COMMONWEALTH OF WAY	
COUNTY OF MONONIALIA	
The foregoing instrument was acknowled	edged before me on the and day of Fe &
2018 by Mt. Tabor Methodist Church by its	Trustees Sonvo Miller and Adam Miller
whose name(s) is/are signed hereto.	ridstees, sonya whiter and Adam whiter,
In witness hereof, I hereunto set my han	ed and official seal
(Notarial Seal)	and official soul.
·	
OFFICIAL SEAL Notary Public, State Of West Virginia	NOTARY PUBLIC
JEFFREY LRIGGANS	My commission expires 9-18-22
One Energy Drive Jane Lew, WV 26378	
My Commission Expires September 18, 2022 5	

STATE/COMMONWEALTH OF LUVA COUNTY OF The foregoing instrument was acknowledged before me on the day of 2018 by Mt. Tabor Methodist Church by its Trustees; Barbara Wagner and Lillian Wagner, whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal. (Notarial Seal) OFFICIAL SEAL NOTARY PUBLIC Public, State Of West Virginia JEFFREY L RIGGANS Niv commission expires One Energy Drive Jane Law, WV 26378 My Commission Expires September 18, 2022 STATE/COMMONWEALTH OF WY COUNTY OF MONONIALIZE The foregoing instrument was acknowledged before me on the 2 day of FeB 2018 by Mt. Tabor Methodist Church by its Trustees; Beto Gorostieta, whose name(s) is/are signed hereto. In witness hercof, I hereunto set my hand and official seal. (Notarial Seal) OFFICIAL SEAL Notary Public, State Of West Virginia JEFFREY L RIGGANS NOTARYPUBLIC My commission expires 9-18-22 One Energy Drive Jane Lew, WV 26378 My Commission Expires September 18, 2022 STATE/COMMONWEALTH OF COUNTY OF Alley The foregoing instrument was acknowledged before me on the 6 day of february 2018 by Mt. Tabor Methodist Church by its Trustees; Bill Archeart and Lynda Archeart whose name(s) is/are signed hereto. In witness hereof, I hereunto set my hand and official seal. (Notarial Seal) COMMONWEALTH OF PENNSYLVANIA NOTARY PUBLIC 3-22-2021 NOTARIAL SEAL My commission expires Jordan A. Adkins. Notary Public Bethel Park Boro, Allegheny County Office of Oil and Gas My Commission Expires March 22, 2021 MEMBER, PENNSYLVANIAASSOCIATION OF NOTARIES IN THE WATER Environment Francisco (B1999353.1)

Prepared by/Return to: CNX Gas Company LLC. Attn: Land Manager, 1000 CONSOL Energy Dr., Canonsburg Pa 15317

Version WV - 4/2015

STATE/COMMONWEALTH OF _	WVF
COUNTY OF MONONGALIA	
The foregoing instrument wa	is acknowledged before me on the Znoday of FeB
2018 by Mt. Tabor Methodist Chu	rch by its Trustees; Leonard Hall, whose name(s) is/are
signed hereto.	as a
•	set my hand and official seal.
(Notarial Seal)	sormy hand and official scal.
OFFICIAL SEAL Notary Public, State Of Wast Virginia	NOTARY PUBLIC
JEFFREY L RIGGANS One Energy Drive	y . (Olimeiji Obbic
Jane Lew, WV 28378	My commission expires 9-18-22
My Commission Expires September 18, 20	122
2018 by Timothy Surmick, who ac CNX Gas Company LLC, a Virgi	s acknowledged before me on the day of, knowledged himself to be the Assistant Vice President of inia limited liability company, and that he as such, being egoing instrument on behalf of CNX Gas Company LLC
	NOTARY PUBLIC My commission expires

RECEIVED Office of Oil and Gas

APR 6 2018



Erika Whetstone Manager – Gas Permitting CONSOL Energy Inc. 1000 CONSOL Energy Drive Canonsburg, PA 15317

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

RE: Road Letter - WDTN 5 Well Pad

To Whom It May Concern:

CNX Gas Company LLC has the right to drill, stimulate and produce wells that are drilled under the County and State Roads as designated on the plats.

Should you have any questions or need additional information, please do not hesitate to contact me at erikawhetstone@consolenergy.com or 724-485-4035.

Sincerely,

Erika Whetstone

CNX Gas Company LLC

RECEIVED Office of Oil and Gas

APR 6 2018

WW-PN (11-18-2015)

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: The Dominion Post			
Public Notice Date: 3/8/18 & 3/15/18			
The following applicant intends to apply for a surface excluding pipelines, gathering lines an any thirty day period.			
Applicant: CNX Gas Company LLC	Well Nun	1ber:	
Address: 1000 Consol Energy Drive, Canons	burg PA. 15317		
Business Conducted: Natural gas production	1.		
Location -			
State: West Virginia	County:	Monongalia	
District: Battelle	Quadrangle:	Wadestown	
UTM Coordinate NAD83 Northing:	4395400.010, 4395400.802, 439	5394.759, 4395387.925, 4395393.967	
UTM coordinate NAD83 Easting:	556820.241, 556826.284, 556827.076, 556821.825, 556821.033		
Watershed: Dunkard Creek			

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up.

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the first of Charleston of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:

Comments may be submitted online at https://apps.dep.wv.gov/oog/comments/comments.cfm, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

4706101806

PUBLISHER'S CERTIFIC

STATE OF WEST VIRGINIA COUNTY OF MONONGALIA	
Brad Pennington Advertising Director of	
THE DOMINION POST, a newspaper of general circul	ation
published in the City of Morgantown, County and State	1
aforesaid, do hereby certify that the annexed	
Legal Notice	
was published in the said THE DOMINION POST once	
fo 2 successive weeks commencing on the	
8th day of March 2018 and ending on the	
15th day of March .2018 The publisher's fee for said publication is \$200.0	c
Given under my hand this 15th day of	
March , 2018	
	1
2111	
Dual W L	(SEA
Advertising Director of THE DOMINION F	OST
Subscribed and sworn to before me this 15th	
day of, 2018	Office of PECST
0	APR
Common Davi	APR 62
Notary Public of Monongalia County, W.	Va Va
/ Handary Fublic of Monte (gains county) 115	340



010128451

March 8,15

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:
Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit
for a horizontal well the applicant shall publish in the county in which the well is located
or is proposed to be located a Class II legal advertisement.

Paper: The Dominion Post

Public Notice Date: 3/8/18, 3/15/18 *

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.

Applicant: CNX Gas Company LLC
Well Number: WDTN5AHSU, WDTN5BHSU WDTN5C
WDTN5HHSM
Address: 1000 Consol Energy Drive, Canonsburg PA. 15317
Business Conducted: Natural gas production. WDTN5CHSU, WDTN5GHSM.

Location – State: District:

Coordinate Conversion:
To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.ww.gov/convert/llutm_conus.php

Electronic notification:
To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.ww.gov/insidedep/Pages/DEPMailingLists.aspx to

Reviewing Applications:
Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@ww.gov

Submitting Comments:
Comments may be submitted online at https://apps.dep.wv. ,ov/ope/comments/comments.cfni, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304, Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/ pages/default_aspx

API No. 47-

Date of Notice Certification: 4-4-18

09/28/2018 ^ ^ 4

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

Notice has b		Well Pad Nan	ell No. WDTN ne: WDTN5	
Pursuant to th	een given:			M. Letter D. Kan Versey
		22-6A, the Operator has provided the require	ed parties w	ith the Notice Forms liste
	tract of land as follows:			
State:	West Virginia	IITM NAD 93	732990.785	
County:	Monongalia	Nortning: 44	10568.098	
District:	Battelle		R6 Wise Run	
Quadrangle:	Wadestown	Generally used farm name: W	ise	
Watershed:	Dunkard Creek			
prescribed by it has provided information re of giving the requirements Virginia Code	the secretary, shall be verified and sled the owners of the surface described equired by subsections (b) and (c), se surface owner notice of entry to su of subsection (b), section sixteen o	every permit application filed under this shall contain the following information: (14) A need in subdivisions (1), (2) and (4), subsect action sixteen of this article; (ii) that the requirevey pursuant to subsection (a), section ten f this article were waived in writing by the ender proof of and certify to the secretary than it.	A certification (b), securement was of this article surface ow	on from the operator that (etion ten of this article, the deemed satisfied as a resu- cle six-a; or (iii) the notice wher; and Pursuant to We
that the Ope	West Virginia Code § 22-6A, the Oprator has properly served the require ECK ALL THAT APPLY	erator has attached proof to this Notice Certi d parties with the following:	ification	OOG OFFICE USE ONLY
☐ 1. NOT	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED		☐ RECEIVED/ NOT REQUIRED
	TICE OF ENTRY FOR PLAT SURV	YEY or NO PLAT SURVEY WAS CON	DUCTED	
☐ 2. NO			200.22	☐ RECEIVED
	TICE OF INTENT TO DRILL or	☐ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or	E	☐ RECEIVED/ NOT REQUIRED
	FICE OF INTENT TO DRILL or	NOTICE OF ENTRY FOR PLAT SURVE	E Y	☐ RECEIVED/
■ 3. NO	TICE OF INTENT TO DRILL OF	NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE	E Y	☐ RECEIVED/
■ 3. NO?		NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE	E Y	☐ RECEIVED/ NOT REQUIRED

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legaln Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

WW-6AC (1/12)

Attached to WDTNSB WW-6AC
Notice is hereby given: Commonwealth of Pennsylvania 09/28/2018

Certification of Notice is hereby given:

Jaskung ton THEREFORE, I Raymond Hoon Nor have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Address: 1000 Consol Energy Drive Well Operator: CNX Gas Company LLC Canonsburg, PA 15317 By: Raymond Hoon Facsimile: Its: Permitting Supervisor Email: RaymondHoon@CNX.com Telephone: 724-485-3540

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Lori L. Walker, Notary Public

Richhill Twp., Greene County My Commission Expires Feb. 23, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES Subscribed and sworn before me this day of

My Commission Expires

Notary Public

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A (9-13) API NO. 47- 47-06 1 0 1 8 0 6

OPERATOR WELL NO. WDTN5BHSU
Well Pad Name: WDTN5BHSU
WDTN5BHSU
WDTN5BHSU

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 4-4-18 Date Permit Application Filed: 4-5-18 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT WELL WORK Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL REGISTERED ✓ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION SERVICE MAIL Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule. ☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to: ☐ SURFACE OWNER(s) COAL OWNER OR LESSEE Name: See attached Name: See attached Address: Address: ☐ COAL OPERATOR Name: Name: N/A Address: Address: ☑ SURFACE OWNER(s) (Road and/or Other Disturbance) Name: See attached ☐ SURFACE OWNER OF WATER WELL Address: AND/OR WATER PURVEYOR(s) Name: N/A Name: Address: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: N/A Office of Gil and Gas ☐ SURFACE OWNER(s) (Impoundments or Pits) Name: N/A Address: Address: *Please attach additional forms if necessary

WW-6A (8-13) Office of Oil and Gas

APR 6 2018

API NO. 47-_____OPERATOR WELL NO. WDTN58HSU
Well Pad Name: WDTN59/28/2018

MV Projectment of Environmental Projection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the crosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c., this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

API NO. 47-___OPERATOR WELL NO. WDTN58HSU
Well Pad Name: WDTN58HSU
WDTN59/28/2018

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

RECTIVED
Office of Oil and Gas**

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

APR 6 2018

WV Department of Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

API NO. 47-___OPERATOR WELL NO. WDTN5BHSU
Well Pad Name: WDTN28/2018

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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Office of Oil and Gas

APR 6 2018

WW-6A (8-13)

Attached to WOTNER WWG-A

API NO. 47-_____ OPERATOR WELL NO. WDTN5BHSU
Well Pad Name: WDTN59/28/2018

Well Operator: CNX Gas Company LLC	Address: 1000 Consol Energy Drive
Telephone: 724-485-3540	Canonsburg, PA 15317
Email: RaymondHoon@CNX.com	Facsimile:

Oil and Gas Privacy Notice: The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL Lori L. Walker, Notary Public Richhill Twp., Greene County My Commission Expires Feb. 23, 2019

My Commission Expires Feb. 23, 2019

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My Commission Expires

Subscribed and sworn before me this 4th day of 401 2018.

Notary Public My Commission Expires February 23 2019

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APR 6 2018

Environmental Projection

WW6A Notice of Application - Attachment

WDTN5

Surface Owner(s) (Well Site & Road and/or Other Disturbance):

John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501

Opal Wise 2002 West 600 North Hilltop Road, Price, UT 84501

Richard Nunley
261 Festival Drive, Oceanside, CA 92057

Patricia Mumaw 3344 Northridge Drive, Wooster, OH 44691

Donald Nunley 36 Autumn Drive, Core, WV 26541

Mary Nunley Stepelton
7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321

Thomas McCauley 220 Kennedy Street, Apt 5, Louisville, OH 44641

Richard McCauley 2589 Timothy Ave., Louisville, OH 44641

Judy Eckman 630 Coniston Drive, Leland, NC 28451-9754

Clifford J. Wise 2394 County Road 137, Obrien, FL 32071

Regina W. Myers 1200 Carroll Heights Blvd., Hagerstown, MD 21742

Eleanor Wise 126 Fairview Ave., Waynesburg, PA 15370

Victor E. Wise PO Box 7437, Charleston, WV 25356

Frederick C. Wise 1 West Hills Drive, Fairmont, WV 26554 RECEIVED
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VIV Department of Environmental Protection

Walter C. Ord P.O. Box 802, McDowell, KY 41647

Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807

Dexter Murle Stewart 1283 Crossroads Road, Fairview, WV 26570

Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571

James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554

Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404

Annette Stewart 41 Mimosa Dr., Martinsburg, WV 25404

Dawn Hughes 1134 Brooke Rd., Stafford, VA 22405

Bryan Kevin Goff 9325 Beaverdam Rd., Nanjemoy, MD 20662

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Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445

Michelle Currence 1 Carroll Drive, Stafford, VA 22554

Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067



Office of Oil and Gas

APR 6 2018

WA Department of Environmental Protection

Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022 Harold M. Jones 317 Crest Ave., Charleroi, PA 15022 **CNX Gas Company LLC** 1000 Consol Energy Drive, Canonsburg, PA 15317 Jane Irons P.O. Box 681, Tellico Plains, TN 37385 **Melissa Bookout** 311 West Walnut St., Madisonville, TN 37354 Barbara J. Wagner 573 Wise Run Road, Wana, WV 26590 **Coal Owner: CNX RCPCL LC** 1000 CONSOL Energy Drive, Canonsburg, PA 15317 **CCC RCPC LLC** 1001 CONSOL Energy Drive, Canonsburg, PA 15317 John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501 **Opal Wise** 2002 West 600 North Hilltop Road, Price, UT 84501 Richard W. Wise 7817 Mason Dixon Highway, Wana, WV 26590 Kathy A. Sine 343 Statler Run Road, Fairview, WV John David Wise 3 Cross Roads Road, Wana, WV **Richard Nunley** 261 Festival Drive, Oceanside, CA 92057

Office of Oil and Gas

APR 6 2018

WW Connection of Environmental Projection

Patricia Mumaw 3344 Northridge Drive, Wooster, OH 44691

Donald Nunley 36 Autumn Drive, Core, WV 26541

Mary Nunley Stepelton 7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321

Thomas McCauley
220 Kennedy Street, Apt 5, Louisville, OH 44641

Richard McCauley 2589 Timothy Ave., Louisville, OH 44641

Judy Eckman 630 Coniston Drive, Leland, NC 28451-9754

Linda Stapp
124 Reservoir Rd., St. Clairsville, OH 43950

Clifford J. Wise 2394 County Road 137, Obrien, FL 32071

Regina W. Myers 1200 Carroll Heights Blvd., Hagerstown, MD 21742

Eleanor Wise 126 Fairview Ave., Waynesburg, PA 15370

Victor E. Wise PO Box 7437, Charleston, WV 25356

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Walter C. Ord P.O. Box 802, McDowell, KY 41647

Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807 Office of Oil and Gas

APR 6 2018

NOV TERRITMENT OF
ENGINEER TRANSPORT

Dexter Murle Stewart 1283 Corssroads Road, Fairview, WV 26570

Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571

James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554

Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404

Annette Stewart 41 Mimosa Dr., Martinsburg, WV 25404

Dawn Hughes 1134 Brooke Rd., Stafford, VA 22405

Bryan Kevin Goff 9325 Beaverdam Rd., Nanjemoy, MD 20662

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Brianna Skyler Sweeney 18502 Clagget Landing, Upper Marlboro, MD 20774

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Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445

Michelle Currence 1 Carroll Drive, Stafford, VA 22554

Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067 Office of Oil and Gas

APR 6 2018

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Englishmental Procession

Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022

Harold M. Jones 317 Crest Ave., Charleroi, PA 15022

CNX Gas Company LLC 1000 Consol Energy Drive, Canonsburg, PA 15317

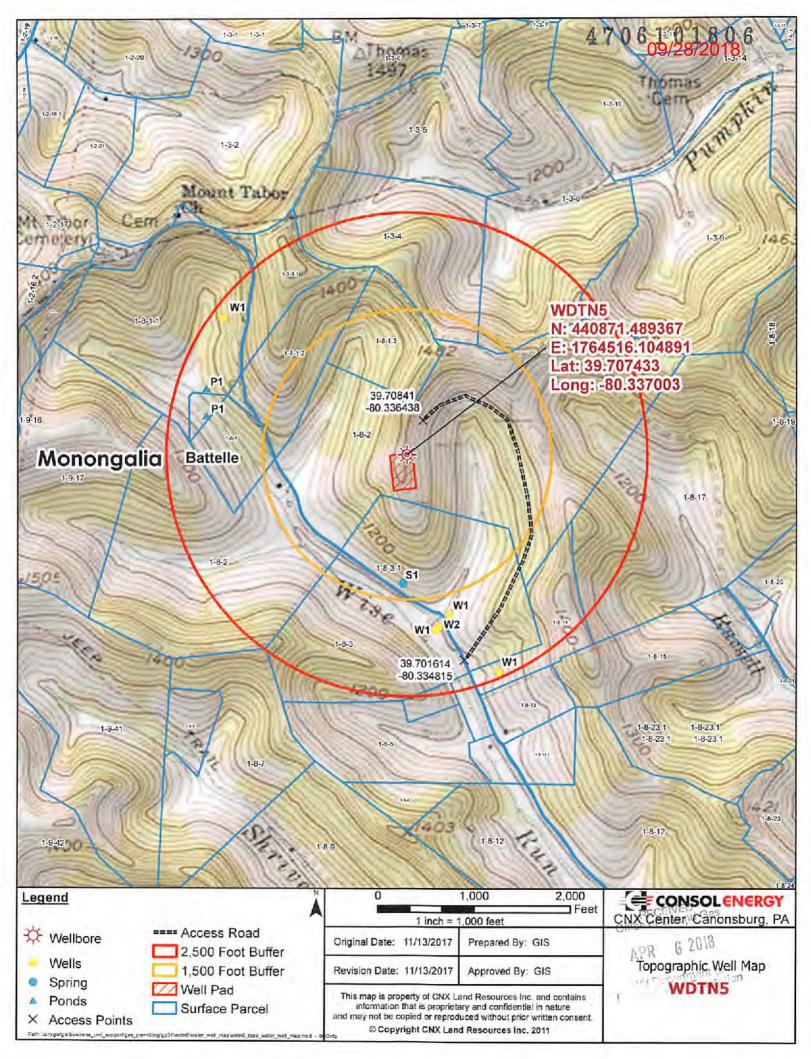
Jane Irons P.O. Box 681, Tellico Plains, TN 37385

Melissa Bookout 311 West Walnut St., Madisonville, TN 37354

Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection



09/28/2018

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

	Requirement: Notice shall be provided e: 4-4-17 Date P	at least TEN (10) days prior to filing a permit Application Filed:	permit application.
Delivery met	hod pursuant to West Virginia Code §	§ 22-6A-16(b)	
☐ HAND	■ CERTIFIED MAIL		
DELIVE		EQUESTED	
receipt reques drilling a hori of this subsection ma	ted or hand delivery, give the surface or zontal well: <i>Provided</i> , That notice give tion as of the date the notice was providely be waived in writing by the surface or	wner notice of its intent to enter upon the pursuant to subsection (a), section tended to the surface owner: <i>Provided</i> , how	an operator shall, by certified mail return the surface owner's land for the purpose of an of this article satisfies the requirements over. That the notice requirements of this that the name, address, telephone number, ar's authorized representative.
	reby provided to the SURFACE O		
Name: See atta Address:	ched	Name: Address:	
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed:	est Virginia Code § 22-6A-16(b), notice	ce is hereby given that the undersigned horizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name:	1732990.785 440568.098 CR6 Wise Run Wise APR 6 2018
Pursuant to facsimile nur related to hor	nber and electronic mail address of the	e operator and the operator's authorize the Secretary, at the WV Department o	ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Notice is he	reby given by:		
Well Operato	r: CNX Gas Company LLC	Authorized Representative:	Raymond Hoon
Address:	1000 Consol Energy Drive	Address:	1000 Consol Energy Drive
Canonsburg, PA	15317	Canonsburg, PA 15317	
Telephone:	724-485-3540	Telephone:	724-485-3540
Email: Facsimile:	RaymondHoon@CNX.com	Email: Facsimile:	RaymondHoon@CNX.com

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WDTN5

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Victor E. Wise PO Box 7437, Charleston, WV 25356

Frederick C. Wise 1 West Hills Drive, Fairmont, WV 26554 RECTIVED
Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection Walter C. Ord P.O. Box 802, McDowell, KY 41647 Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807 **Dexter Murle Stewart** 1283 Crossroads Road, Fairview, WV 26570 Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571 **James Freeman Stewart** 1206 Marion Ave. Fairmont, WV 26554 Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404 **Annette Stewart** 41 Mimosa Dr., Martinsburg, WV 25404/ **Dawn Hughes** 1134 Brooke Rd., Stafford, VA 22405/ **Bryan Kevin Goff** 9325 Beaverdam Rd., Nanjemoy, MD 20662 **Brandon Sweeney** 18501 Clagget Landing, Upper Marlboro, MD 20774 **Brianna Skyler Sweeney** 18502 Clagget Landing, Upper Marlboro, MD 20774 Wally Currence 16200 Bealle Hill Road, Waldorf, MD 20601 Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445 Michelle Currence 1 Carroll Drive, Stafford, VA 22554 **Robert Stewart** Lot 1, Route 21 MHP, Carmichaels, PA 15320 **Phyllis Petrosky**

110 Chess St., Apt 401, New Eagle, PA 15067

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APR 6 2018

WV Department of Environmental Protection

Jesse D. Jones 308 1/2 Crest Ave., Charleroi, PA 15022

Harold M. Jones 317 Crest Ave., Charleroi, PA 15022

CNX Gas Company LLC 1000 Consol Energy Drive, Canonsburg, PA 15317

Jane Irons P.O. Box 681, Tellico Plains, TN 37385

Melissa Bookout 311 West Walnut St., Madisonville, TN 37354/

Barbara J. Wagner 573 Wise Run Road, Wana, WV 26590

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Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

STATE OF WEST VIRGINIA 09/28/20 DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice is hereby provided to the SURFACE OWNER(s) (at the address listed in the records of the sheriff at the time of notice): Name: See attachade Name:	Notice Time l Date of Notic	Requirement: notice shall be provided not e: <u>4-4-18</u> Date Permit A	o later than the filing pplication Filed:	date of permit	application.
Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice. Notice is hereby provided to the SURFACE OWNER(s) (at the address listed in the records of the sheriff at the time of notice): Name: Address: Name: Address: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: State: Mean Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: County: Monorapalia UTM NAD 83 Northing: 173/980-785 Northing: 173/980	Delivery met	hod pursuant to West Virginia Code § 2	22-6A-16(c)		
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(at the address listed in the records of the sheriff at the time of notice): Name:	return receipt the planned of required to be drilling of a had damages to the (d) The notice of notice.	requested or hand delivery, give the surfa- peration. The notice required by this su- provided by subsection (b), section ten of norizontal well; and (3) A proposed surfa- e surface affected by oil and gas operation as required by this section shall be given to	ace owner whose land ubsection shall inclu of this article to a surf face use and compens ns to the extent the da to the surface owner a	I will be used for de: (1) A copy ace owner whose sation agreement amages are comp	or the drilling of a horizontal well notice of of this code section; (2) The information e land will be used in conjunction with the t containing an offer of compensation for pensable under article six-b of this chapter.
Name: See attached Address: Ad	Notice is here	by provided to the SURFACE OWNE.	K(s)		
Address: Address: Address: Address:					
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Quadrangle: Watershed: Dunkard Greek This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Well Operator: CNX Gas Company LLC Address: 1000 Consol Energy Drive	operation on State: County:	the surface owner's land for the purpose of West Virginia Monongalia	of drilling a horizonta UTM NAD 8	I well on the tra Easting: Northing:	ct of land as follows: 1732990.785 440568.098
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Telephone	Pursuant to W to be provide horizontal we surface affect information r headquarters,	Vest Virginia Code § 22-6A-16(c), this not do by W. Va. Code § 22-6A-10(b) to a sell; and (3) A proposed surface use and code do by oil and gas operations to the exterelated to horizontal drilling may be obtallocated at 601 57th Street, SE, Charles	surface owner whose empensation agreement the damages are callined from the Secre	e land will be un nt containing ar compensable und tary, at the WV	ased in conjunction with the drilling of a offer of compensation for damages to the ler article six-b of this chapter. Additional Department of Environmental Protection
T-lank-way	Well Operato	CNX Gas Company LLC	Address:	1000 Consol Energy	Drive AFK 6 2018
Email: RaymondHoon@CNX.com Facsimile:	Telephone:	724-485-3540		Canonsburg, PA 15	317 WV (Jones
	Email:	RaymondHoon@CNX.com	Facsimile:		Environmental Promise

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW6A5 Notice of Planned Operation - Attachment

WDTN5

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John Matthew Wise and Dina Wise 2255 East 6500 South, Price, UT 84501

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Eleanor Wise

126 Fairview Ave., Waynesburg, PA 15370

Victor E. Wise

PO Box 7437, Charleston, WV 25356

Frederick C. Wise

1 West Hills Drive, Fairmont, WV 26554

PECTIVED
Office of Oil and Gas

APR 6 2018

WV Dispartment of Environments, Protection

Walter C. Ord P.O. Box 802, McDowell, KY 41647 Evalee A. Everly 1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807 **Dexter Murle Stewart** 1283 Crossroads Road, Fairview, WV 26570 Zelma Ruth Brummage 3036 Main St., Farmington, WV 26571 James Freeman Stewart 1206 Marion Ave. Fairmont, WV 26554 Justin P. Stewart 132 Radiant Drive, Martinsburg, WV 25404 **Annette Stewart** 41 Mimosa Dr., Martinsburg, WV 25404 **Dawn Hughes** 1134 Brooke Rd., Stafford, VA 22405 **Brvan Kevin Goff** 9325 Beaverdam Rd., Nanjemoy, MD 20662 **Brandon Sweeney** 18501 Clagget Landing, Upper Marlboro, MD 20774 **Brianna Skyler Sweeney** 18502 Clagget Landing, Upper Marlboro, MD 20774 **Wally Currence** 16200 Bealle Hill Road, Waldorf, MD 20601 **Maureen Currence** 203 Silver Maple Ct., Holly Ridge, NC 28445 Michelle Currence 1 Carroll Drive, Stafford, VA 22554 **Robert Stewart** Lot 1, Route 21 MHP, Carmichaels, PA 15320

Phyllis Petrosky

110 Chess St., Apt 401, New Eagle, PA 15067

Office of Citiend Gas

APR 6 2018

WV Dens-Iment of Environmental Protection

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Melissa Bookout
311 West Walnut St., Madisonville, TN 37354 /

Barbara J. Wagner 573 Wise Run Road, Wana, WV 26590

Office of Oil and Gas

APR 6 2018

Wy Department of Environments Proceedings







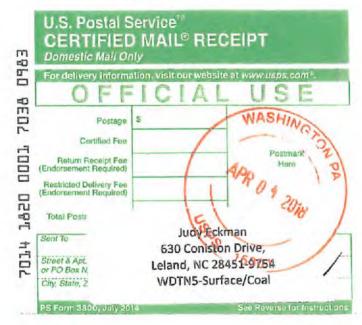




















WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Thomas J. Smith, P. E. Secretary of Transportation/ Commissioner of Highways

Jim Justice Governor

December 6, 2017

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the WDTN5 Pad, Monongalia County WDTN5BHSU Well Site

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit #04-2017-0929 for the subject site to CNX Gas Company LLC, for access to the State Road for the well site located off of Monongalia County Route 6.

The operator has signed an OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Day K. Clayton

Gary K. Clayton

Regional Maintenance Engineer

Central Office Oil & Gas Coordinator

Cc: Ray Hoon

CNX Gas Company LLC

CH, OM, D-4

File

Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

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

Type: Water CAS: 7732-18-5

Type: Silica CAS: 14808-60-7

Type: Hydrochloric Acid CAS: 7647-01-0

Type: Copolymer of Two Propenamide CAS: 69418-26-4

Type: Petroleum distillate CAS: 64742-47-8

Type: Glutaraldehyde CAS: 111-30-8

Type: Ethylene glycol CAS: 107-21-1

Type: Diethylene glycol mono n-butyl ether CAS: 112-34-5

Type: Oleic acid diethanolamide CAS: 93-83-4

Type: Alcohols, C12-16, ethoxylated CAS: 68551-12-2

Type: Quaternary ammonium compound CAS: 68424-85-1

Type: Ammonium chloride CAS: 12125-02-9

Type: Short chained glycol ether CAS: 112-34-5

Type: Ethoxylated (C10-16) alcohols CAS: 68002-97-1

Type: Metanol CAS: 67-56-1

Type: Formaldehyde CAS: 50-00-0

Type: Thiourea CAS: 62-56-6

Type: Acetophenone CAS: 98-86-2

Office of Oil and Gas

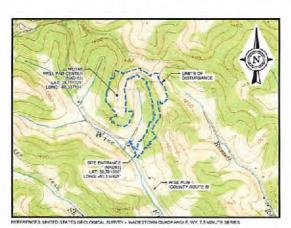
APR 6 2013

WV Department of Environmental Protection

EROSION & SEDIMENT CONTROL PLAN AND SITE RESTORATION PLAN

WDTN5 WELL SITE MONONGALIA COUNTY, WEST VIRGINIA FOR





PROJECT NO. 17016-023 DECEMBER 2017

DIEFFENBAUCH & HRITZ, LLC

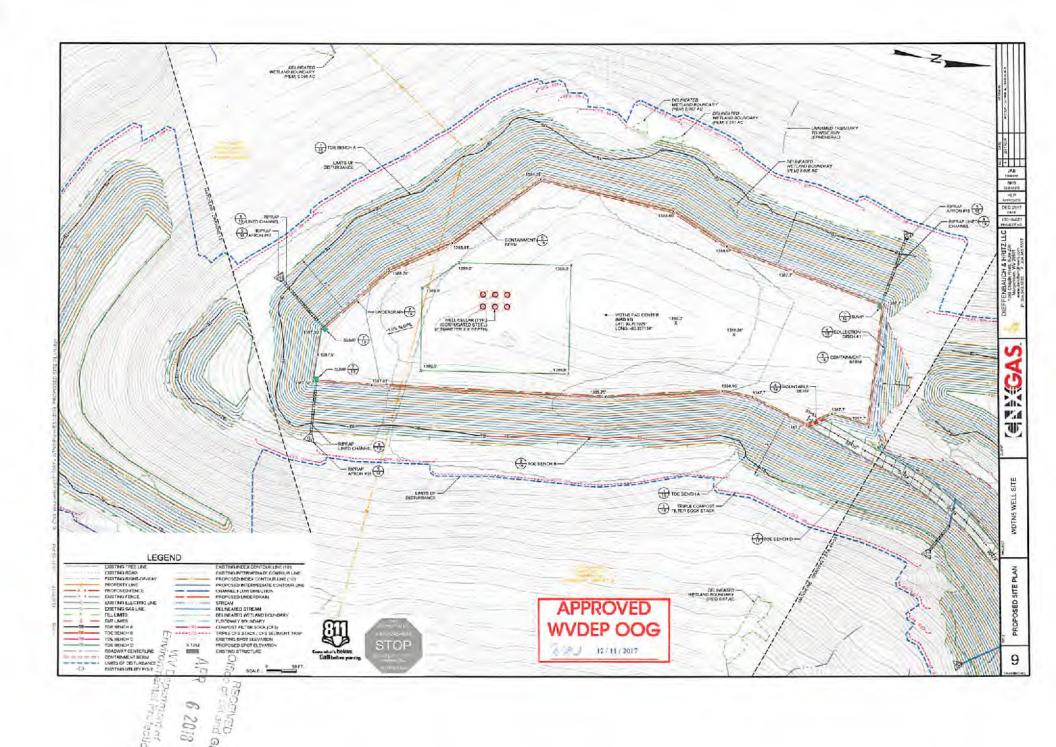


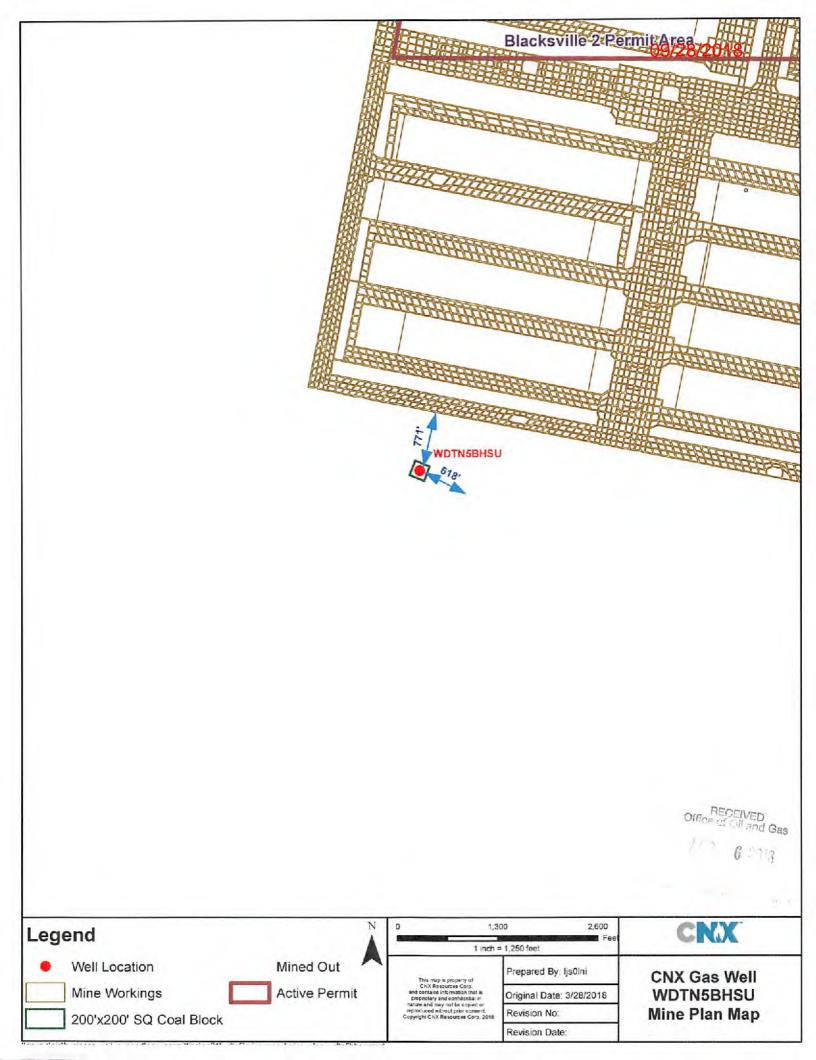


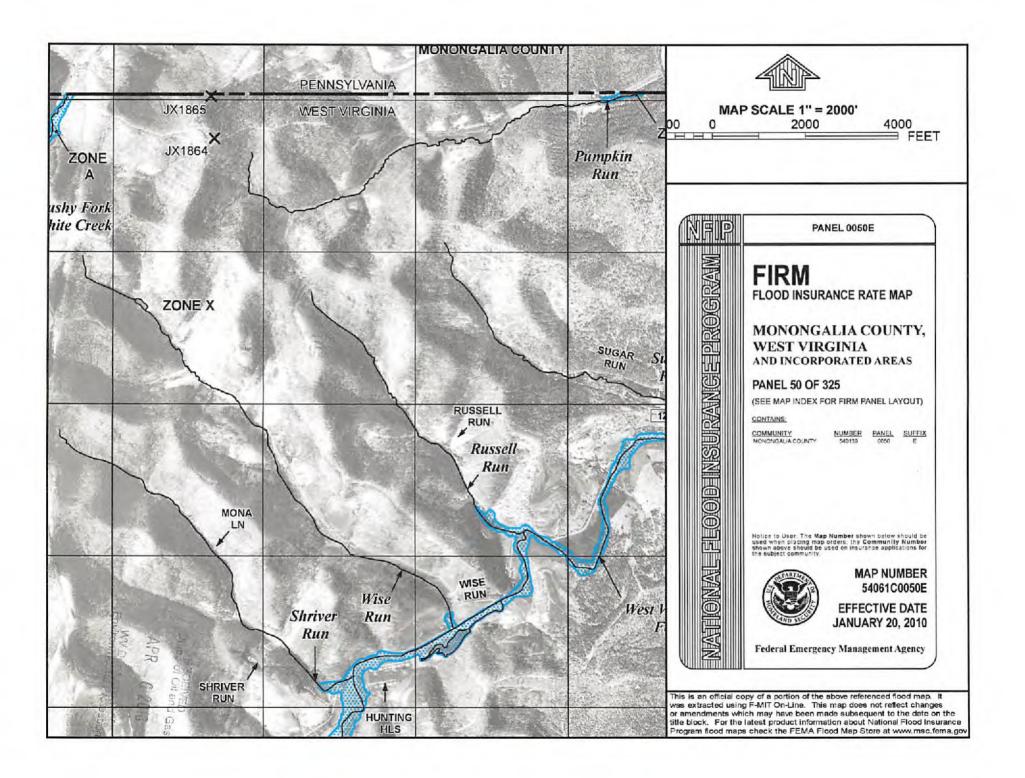
	INDEX	
DRAWING NO.	TITLE	
1	TITLE SHEET	
2	GENERAL NOTES	
3	EXISTING SITE PLAN	
4	SOILS PLAN	
	OVERALL SITE PLAN	
6-10	PROPOSED SITE PLAN	
11.	ACCESS ROAD PROFILE	
12-14	ACCESS ROAD CROSS SECTIONS	
15	WELL PAD CROSS SECTION	
15-17	TOE BENCH DETAILS	
19-19	FAN DETAILS	
20	SITE RESTORATION PLAN	
21	SEED & MULCH PLAN	
72	QUANTITY SUMMARY	

	ISTURBANCE BREAKE	OVAN
LANDOWNER	DISTURBANCE FROM: ACCESS ROAD & STOCKPLES ACRES:	WELL PAD & STOCKPLES (ACRES)
SARBARA WACNER TAIPAR 1-8/3 1 DB-PG 1360/584	2.5	8.2
BRANDON T WISE ET AL	18.6	114









WV Department of Environmental Protection

FORM SM-6 REV. 5-19-05 PAGE 1 OF 2

Wond

KNOW ALL MEN BY THESE PRESENTS:	BOND NO	CMS0260702
That CNX Ga	as Company, Lt.C	
Address CNX Center, 1000 CONSOL Energy Dr.	Canonsburg PA 1531; Pho	ne No 724-485-4000
as principal, and RLI Insurance	Company	, a corporation, organized
and existing under the laws of the State of	Illinois	, a corporation, organized, with principal office at
P. O. Box 3967, Peoria,	IL 61612	, and duly licensed
and authorized to do business in the State of West Vir	ginia as surety, are held and	firmly bound unto the State
of West Virginia in the just and full sum of Two Hund		
Dollars (\$250,000.00), for the payment whereo		
executors, administrators, successors and assigns, jointly	y and severally by these prese	ents
WITNESS the signatures and seals of said principal of July 2011 The condition of the above obligation is such, that with the condition of Highways its written appropriate the condition of Highways th		ncipal has filed with West
'state local service' roads within District Four in a WV Code 17-4-2(d) (herein referred to as "Covere Harrison, Doddridge, Marion, Monongalia, Taylor along bridges, roads and highways in the State of Wo Virginia Division of Highways, which may result in	d Roads") District Four II and Preston est Virginia, in manner and I	s made up of six counties. orm prescribed by The West
Now, if the said CNX Gas Company, LLC	,	,, ,
principal, shall properly repair any and all damages that ditches, upon which it may perform work, to as good of the District Engineer of The West Virginia Division of pay damages therefore in an amount sufficient to proditches to such original condition, and shall reimburse costs incurred by it in connection with said work and reprovisions and conditions of said permit and save hard West Virginia from all losses resulting from the condition wise to remain in full force and effect	condition as when same was of Highways having jurisdictionally restore such bridges, rother West Virginia Division epairs of such damages and finless West Virginia Division	entered upon, as determined by on over the work permitted, or pads, highways, shoulders, and of Highways for all inspection athfully comply with all terms, of Highways and the State of
By execution of this bond the Principal and the Su The West Virginia Division of Highways Bond Form Power-of-Attorney are a part of this contract.	rety affirm that the text abov SM-6, Revised 5-19-05. Att	e is a verbatim reproduction of ached notarized signatures and
(SEAL)		(SEAL)
	CNX Gas Co	
		Aylina
	By to an us	Em
	Its Stephen W. Johns	on, Manager
(SEAL)		- 0-
•	RLI Insurance	u -1
	By elicie 1	Office of Ull and Gas
	Heldi A. Notheisen Its Attorno	
	- Polar A. Housesell	APR 6 2018

F	orm SM	-6
P	AGE 2 C	F 2

STATE OF	Pemsylvania	,			
COUNTY OF	Washington	, TO-WIT:			
	. Galie		stary Public in and	for the County	and State
aforesaid, do hereby	y certify that Stephen W. J	Johnson			
whose name is sign	ed to the foregoing writing, bearing	date the 6th	_ day of	<u>Ly</u> ,	2011 ,
has this day acknow	vledged the same before me in my	said County and S	State		
	hand this 8th day of			11	
My commission ex	pires October 1, 2011		FORTH L) Sal i	·
		· · · y	Notar	y Public	
			Note	1 OF PENNSYLVANII Hel Seal	"
STATE OF	•		Upper St. Clair Tv	He, Notary Public vp., Allegheny County	4
COUNTY OF		' TO:WIT	My Commission	Explies Oct. 1, 2011 ASSOCIATION OF NOTAL	is.
			nary Public in and	for the County	cand Stale
	y certify that		entral e transfer en vert		्या विद्यास्य स्थापन
who signed the fore	going writing bearing date the	day of		, 20	for
My commission	hand this day of		, 20	•1	
			Notar	y Public	
STATE OF	Missouri	1			
	St. Louis City				
	JoAnn R. Frank		otary Public in and	for the County	and State
aforesaid, do hereby	cortify that		Notheisen		· · · · · · · · · · · · · · · · · · ·
	going writing bearing date the 6		July	, 20 _ 1	1 for
a corporation, has t	his day in my said County, before	me, acknowledge	ed the said writing	to be the act at	nd deed of
Given under my	hand this 6th day of	July	, 20	2011 .	
My commission	expires June 20, 2	2014	- A Par R	Frank	
}	BOARS II, CHAWS Rolary Paint - Holley Shin, of It's said.		Notar	y Public Office	RECEIVED of Oil and Gas
1 1:0	ontines doubt for St. Lynns City renords aren Esplans; dune 20, 2014 numis 1095672			API	R 6 2018



RLI Surety
P.O. Box 3967 | Peoria, IL 61612-3967
Phone: (800)645-2402 | Fax: (309)689-2036
www.tlicorp.com

POWER OF ATTORNEY

RLI Insurance Company

Know All Men by These Presents:

That this Power of Attorney	is not valid c	ir in effect u	inless attac	hed to the	e bond	which it	authorizes	executed.	but may	be a	detached I	by th	C
approving officer if desired.									•				

That RI.J Insuranc Pamela A. Beelman jointly or severally.	c Company, an Illinoi Cynthia I Choren, H	s corporation, does hereby make leidi A. Notheisen, Dehra C. Sch	, constitute and appoint; neider, JoAnn R. Frank, Kuren L. Roider, Sa	ndra L. Ham
in the City of	Saint Louis A hereby conferred, to	, State ofMissouri o sign, execute, acknowledge an	its true and lawful Agent and At deliver for and on its behalf as Surety,	tomey in Fact, with full the following described
Any and all bonds	provided the bond pe	nalty does not exceed Twenty l	ive Million Dollars (\$25,000,000.00).	
The acknowledgme executed and acknowledge	nt and execution of suc wledged by the regular	th bond by the said Attorney in I	fact shall be us binding upon this Company any.	os if such bond had been
The RLI Insurance of RLI Insurance C	Company further cer company, and now in	tifies that the following is a true force to-wit:	and exact copy of the Resolution adopted by	the Board of Directors
the Company by t of Directors may Attorneys in Fact seal is not necessa	he President, Secretary authorize. The Pres or Agents who shall h ry for the validity of a	 any Assistant Secretary, Treassident, any Vice President, Secaye are nother ity to issue bonds, pol 	ons of the corporation shall be executed in turer, or any Vice President, or by such other retary, any Assistant Secretary, or the Tricies or undertakings in the name of the Con., Powers of Attorney or other obligations of esimile."	officers as the Board easurer may appoint apany. The corporate
IN WITNESS WHI	EREOF, the RLI Inst d this31stday	rrance Company has caused the of March , 2010	nese presents to be executed by itsVice	President with its
		E. S. COLONAL	RL1 Insurance Company	2
State of Illinois County of Peoria	ss	Manual Comment	Roy C. Die	Vice President
county of reoria			CERTIFICATE	
personally appeared acknowledged that he officer of the RLI Instead the voluntary act an	Roy C. Die . wł	, before me, a Notary Public, to being by me duly sworn, or of Anomey as the aforesaid chnowledged said instrument to on.	t, the undersigned officer of RLI Insuran corporation of the State of Illinois, do hereby Power of Attorney is in full force and effect furthermore, that the Resolution of the Compower of Attorney, is now in force. In test hereunto set my hand and the seal of the RI this <u>Dt. Inday of Jilly</u> 2011	certify that the attached and is irrevocable; and sany as set forth in the imony whereof, I have
By: Cherie L. Montgor	rul (X 71) ONJG/M	Notary Public	RLI Insurance Company	
	"OFFICIAL SEZ	11.	Ву:	RECTIVED Office of Oil and Gas
₹,	THE COMMISSION EXPRISE (52/U2/12	Roy C. Dio	Alica Prestite 2018
		243331303617.		WV Department of Environmental Protecti



TMP
Total % of Tract

5.44216%

% of Tract Owned

% of Unit

QLS # 204777000	Unit Name: WDTN5BHSU	Unleased Owners

QLS#	204778000
Tract ID	12
TMP	1-2-21
Total % of Tract	
INon-CNX Controlled	5.5556%

Amanda Hatton Dennis F. Hatton Jr. Melinda R. Hatton Victor A. White **Unleased Owners** Non-CNX Controlled

2.72108% 1.36054% 0.68027% 0.68027%

0.04404% 0.04404% 0.08809% 0.17618%

Declined Offer Declined Offer Declined Offer **Declined Offer** Reason Unleased

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-	÷

Melinda R Hatton 1618 N Levington St Ast 3A Adinaton VA 22205	Victor A. White 78 Bedington Rd Martinsburg, WV 25404	Current Address	

Amanda Hatton 7615 Glenolden Place Manassas, VA 20111 Dennis F. Hatton Jr. 7615 Glenolden Place Manassas, VA 20111 VOL 00128 PG 0530

CHX GAS COMPANY LLC 1000 CONSOL EMERGY DR CANCHSBURG PA 15317-6506

Page 530

Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Evalee A. Everly Shaheen, hereby certifies that:

1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tow 31-01-0008-0002-0000 (the "Property");

- He/she previously executed a Surface Use As is of record in the Office of the County Clerk Page 574 as Instrument No. 594793.
- The Surface Use Agreement granted CNX G: surface of the Property for oil and gas develop of an easement contemplated under West Virgi Operating Rule 4.4 of the Rules and Regulation Conservation Commission, and the drilling and the location shown on the attached plat or survey.

Executed this 105 day of October , 2017.

6 2018

WV Department of

Environmental Protection The foregoing instrument was acknowledged before me on the 5 day of October,

STATE OF

2017 by Evalce A. Everly Shaheen.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

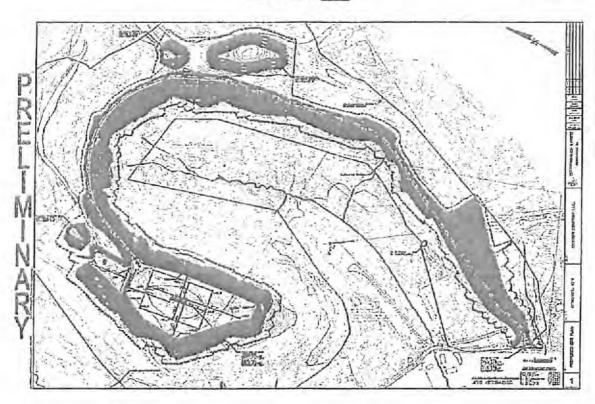
LLAVONA M. JOLLY Commission # FF 114008 Expires April 17, 2018

My Commission expire

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated January 13th, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Evalee A. Everly Shaheen of 1325 Citrus Gardens Dr., Apt. A, Orlando, FL 32807 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

RECEIVED Office of Oil and Gas

APR 6 2018

MV Dept. Creat of Environmental Protection

Evalue a. Everly Shahaen

Evalue A. Everly Shahaen

VOLOO128 PG0526

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506

Monongalia County Carye L Maney Clerk Instrument 716621 03/21/2018 @ 01:33:52 PH HISCELLANEOUS Book 128 @ Page 526 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Michelle L. Currence, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1530, Page 412 as Instrument No. 600876.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 12 day of 0000	2017.
	Michelle L. Currence
STATE OF Vivolnia.	

The foregoing instrument was acknowledged before me on the 10 day of (1), 2017 by Michelle L. Currence.

In witness hereof, I hereunto sur my hand and official seal.

(Notarial Seal)

2018

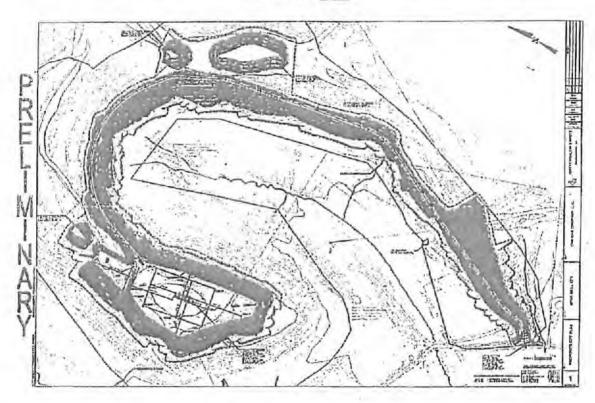
Office of Oil and Gas

My Commission expires:

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Michelle L. Currence of 1 Carroll Drive, Stafford, VA 22554 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Michelle L. Currence

Office of the and Gas

APR 6 2018

VOLO 0 1 2 8 PG 0 5 2 2

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSDURG PA 15317-6506

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Vicki Stullenbarger, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated January 9, 2015 which is
 of record in the Office of the County Clerk of Monongalia County in Book 1517,
 Page 745 as Instrument No. 581220.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 2nd day of November, 2017.

| lake S. Stullenbarger |
Vicki Stullenbarger |
STATE OF | North Caralina |
COUNTY OF | 00510 m.

The foregoing instrument was acknowledged before me on the 2nd day of November Deliver 2017 by Vicki Stullenbarger.

Office of Oil and Gas

In witness hereof, I hereunto set my hand and official seal.

APR 6 2018

WV Department of Environmental Protection

NOTARY PUBLIC

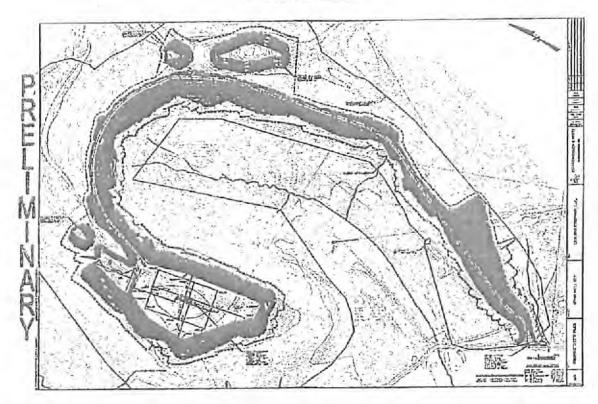
My Commission expires: May 19, 2018

Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated January 9th, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Vicki Stullenbarger of 203 Silver Maple Ct., Holy Ridge, NC 28445 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Yal Stollenbarger
Vicki Stullenbarger

Office of Shand Gas

APR 6 2018

Well is analyze of Environment of Environmental Presection

VOLOO128 PG0532

CNX GAS CONFANY LLC 1000 CONSOL ENERGY DR CANONSRURG PA 15317-6506 Honoriaalia County Carye L Blaney, Clerk Instrument 716624 03/21/2018 @ 01:33:52 PM HISCELLANEOUS Book 128 @ Page 532 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

RECEIVED

Office of Oil and Gas

WW Department of

APR

6 2018

The undersigned, Fred C. Wise and Alice F. Wise, both individually and as husband and wife, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "*Property*");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 736 as Instrument No. 581204.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

	and plan of barroy.		
Executed this 5th day of 100	70ber, 2017.		
	Fred C. Wice		
	Fred C. Wise		
	alici I. Wine		
	Alice F. Wise		
STATE OF $\mathcal{Y}\mathcal{V}$			
COUNTY OF gnarin			
The foregoing instrument was ackr	nowledged before me on the day of		
- · · · · · · · · · · · · · · · · · · ·	both individually and as husband and wife.		
In witness hereof, I hereunto set my hand and official seal.			
in widioss notcoi, i notcumo set my nana a	ala villolai doal.		

(Notanial Sea OFFICIAL SEAL **NOTARY PUBLIC** DIANE E. FLOYD 12 EMILY CT. FAIRMONT, WV 28554 mmission expires Soptember 27, 2021

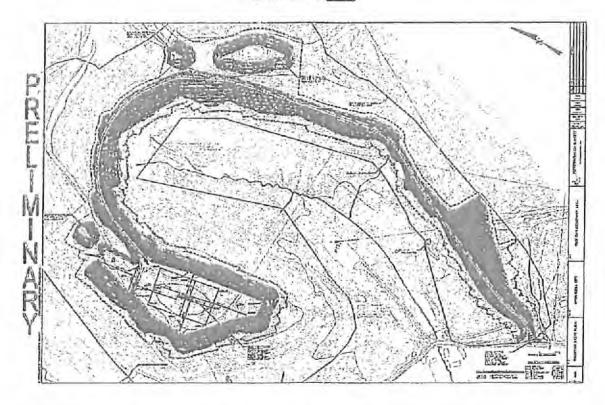
Environmental Protection

My Commission expires: Deptember 27, 2021

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Fred C. Wise and Alice F. Wise, both individually and as husband and wife, of #1 West Hills Drive, Fairmont, WV 26554 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

VOL00128 PG0528

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSDURG PA 15317-6506

Monongalia County
Carve L Planes (1270 18
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Book 128 @ Page 528
Pages Recorded 2

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Cost \$

The undersigned, Mary Stepelton, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated February 11, 2015 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1528,
 Page 439 as Instrument No. 598555.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10th day of (2) CAOBEL	, 2017.	
	mary 1	Stepetton
	Mary Stepelton	

STATE OF FL COUNTY OF Brance

The foregoing instrument was acknowledged before me on the Wday of October, 2017 by Mary Stepelton.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

of A lake

RACHEL HIGGINS
Notary Public, State of Florida
Commission# FF 182457
My comm. expires Oct. 24, 2017

OTARY PUBLIC

My Commission expires: 10

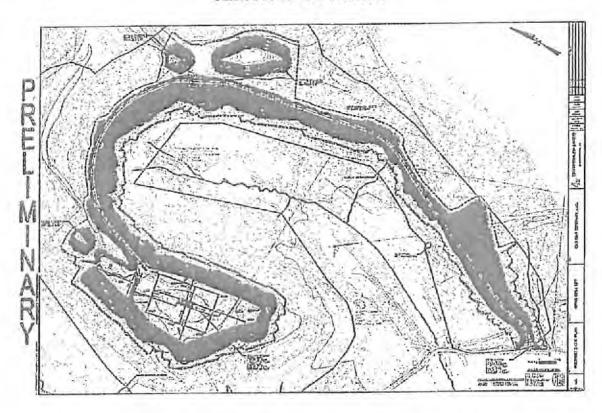
RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

Attached hereto and made a part of that certain Agreement dated February // 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Mary Stepelton of 7739 Southhampton Terrace, Apt. G204, Tamarac, FL, 33321 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Mary Stepelton

Office of This Gas

APR 6 1118

WWW TO SEE PROCESSION

VOE 0 0 1 2 8 PG 0 5 2 4

CNX GAS CONFANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Honomaalia Gunta/2018
Carve L Blaney, Clerk
Instrument 716620
03/21/2018 @ 01:33:52 PH
MISCELLANEOUS
Book 128 @ Page 524
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Cost \$

The undersigned, Maureen S. Currence, hereby certifies that:

Executed this and day of November, 2017.

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 742 as Instrument No. 581218.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

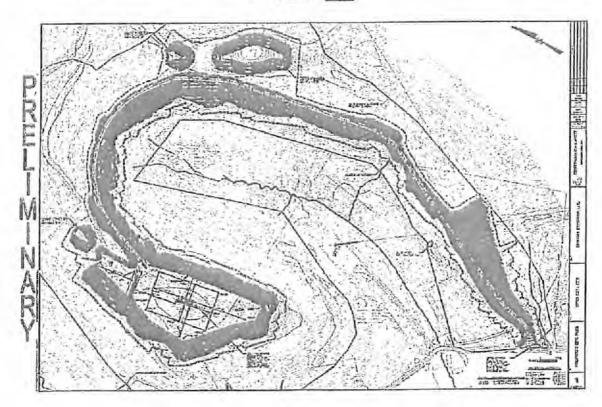
	Maureen S. Currence	nenle
STATE OF North Carolina COUNTY OF Onsbu		
The foregoing instrument was ackn 2017 by Maureen S. Currence.	owledged before me on the 🔀 d	ay of <u>November</u> , RECEIVED Office of Oil and Gas
In witness hereof, I hereunto set my hand a	nd official seal.	APR 6 2018
CONTRACTOR OF THE PARTY OF THE	0 100	WV Depi light of Environmental Protection

Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

My Commission expires: Vay 19,2

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Maureen S. Currence of 203 Silver Maple Ct., Holly Ridge, NC 28445 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Mouren S. Currence Maureen S. Currence

Erwirchinestal Production

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Harold M. Jones, Jr., hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 2, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1513, Page 688 as Instrument No. 573538.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 5 day of October, 2017.

Mareld M. Jones, Jr.

STATE OF PA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the odd day of october 2017 by Harold M. Jones, Jr.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL Carol L Regal, Notary Public City of Monongahela, Washington County My Commission Expires Feb. 9, 2019

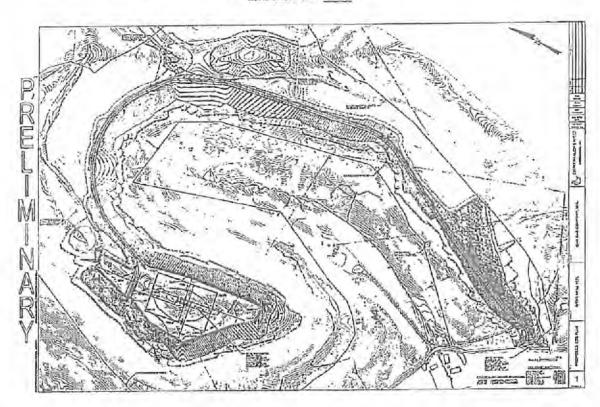
NOTARY PUBLIC

My Commission expires: FEB. 09, 2019

Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

Attached hereto and made a part of that certain Agreement dated December 2^{od}, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Harold M. Jones, Jr., a single man, having an address at 317 Crest Ave., Charleroi, PA 15022 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Navel M. Joses, Ja

Office of foil and Gas

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Robert Stewart, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 16, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 763 as Instrument No. 581232.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this [O day of D	, 2017.
	Robert Stewart Robert Stewart
STATE OF <u>Pennsy Vania</u> COUNTY OF <u>Greene</u>	
The foregoing instrument was acknowled, 2017 by Robert Stewart.	ged before me on the 5 day of October.

In witness hereof, I hereunto set my hand and official seal.

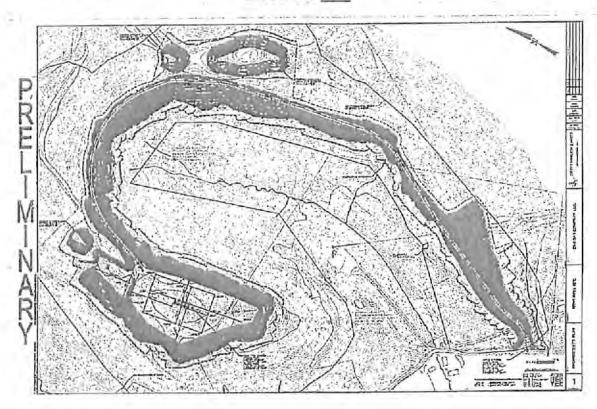
(Notarial Seal)
COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Heather L. Orndoff, Notary Public
Waynesburg Boro, Greene County
My Commission Expires April 9, 2019

NOTARY PUBLIC
My Commission expires: 4-9-19

WV Department of Environmental Protection

Attached hereto and made a part of that certain Agreement dated December 16th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and between Robert Stewart, of Lot 1, Route 21 MHP, Carmichaels, PA 15320 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Robert Stewart

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CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CAMONSBURG PA 15317-6506 Honongalia Goupts/2018 Carve L Braney, Clerk Instrument 716616 03/21/2018 @ 01:33:52 PM HISCELLANEOUS Book 128 @ Page 516 Pages-Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, James Freeman Stewart, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1529, Page 248 as Instrument No. 599522.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 6th day of November, 2017.

James Freeman Stawart

James Freeman Stewart

STATE OF Wist Victinia
COUNTY OF MALION

The foregoing instrument was acknowledged before me on the day of Nound RECEIVED Gas 2017 by James Freeman Stewart.

APR 6 2018

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

JORATHAN D. JONES
Notary Public Official Sozi
State of West Virginia
My Comm. Expires Nov 27, 2021
The formation Drive Jane Lew WV 26376

NOTARY PUBLIC

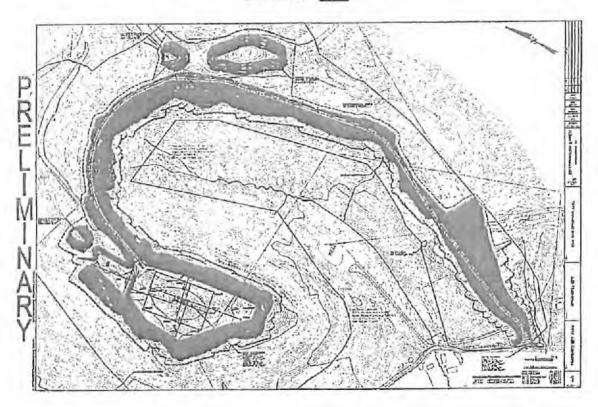
My Commission expires:

WV Department of Environmental Protection

11/27/2021

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and James Freeman Stewart of 12104 Raritan Lane, Bowie, MD 20715, (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

James Freeman Stewart

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APR 6 2018

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, <u>Debora Goff</u>, hereby certifies that:

- 1. Hc/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1530, Page 409 as Instrument No. 600874.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this // day of October, 2017.

Debora Goff

STATE OF Manyland COUNTY OF Prince George's

in witness hereof, I hereunto set my hand and official seal.

Notarial Seal)

LATONYA BRYANT
NOTARY PUBLIC
PRINCE GEORGE'S COUNTY
MARYLAND
My Commission Expires 1-13-2020

NOTARY PUBLIC

My Commission expires: 1-13-2020

PR 6 2018

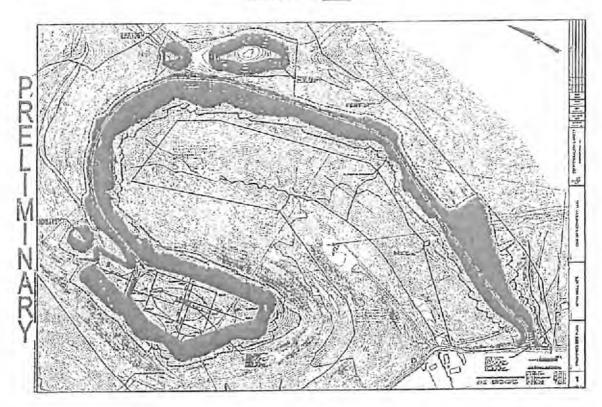
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Office of Oil and Gas

WV Department of Environmental Protection

Propared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Debora Goff of 3004 Danville Road, Brandywine, MD 20613 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

(NONOTOR ST

Office of Gill and Gas

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Book 128 © Page 544
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Regina Wise Myers a/k/a Violet Regina Myers, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 757 as Instrument No. 581227.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

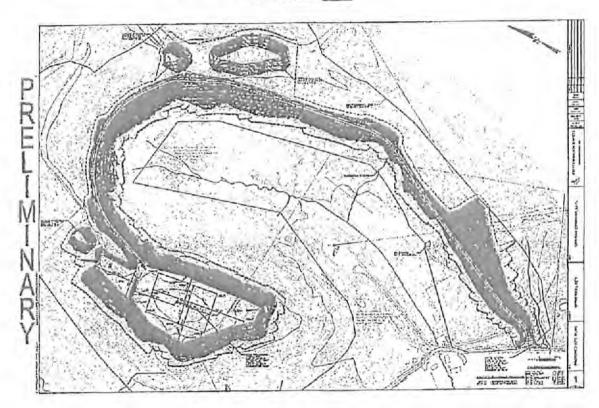
NOTARY PUBLIC
STATE OF WEST VIRGINIA
HOLLY L. LYNCH
FAIRMONT FEDERAL CREDIT UNION
P. O. BOX 2139
FAIRMONT, WV 26554-2139
My commission expires November 12, 2018

WV to a more of the Environmental Projection

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Regina Wise Myers a/k/a Violet Regina Myers of 22 Jason Way, Fairmont, WV 26554 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Regino Wise Myers afthe Violet Regina Myers
Regina Wise Myers a/k/a Violet Regina Myers

Prepared by/Return to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

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CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Monongalia County 2018 Carve L Blaney, Clerk 18 Instrument 716628 03/21/2018 @ 01:33:52 PM MISCELLANEOUS Book 128 @ Page 540 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

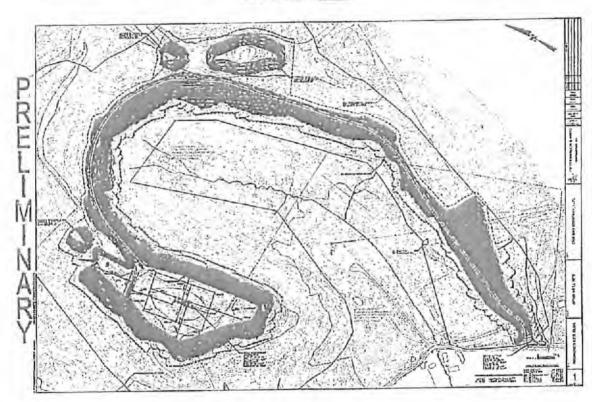
The undersigned, Thomas McCauley, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 771 as Instrument No. 581239.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 5 day of 001.
Thomas McCauley
STATE OF Dhio COUNTY OF Strick
The foregoing instrument was acknowledged before me on the 54 day of October, 2017 by Thomas McCauley. RECEIVED Office of Oil and Gas
In witness hereof. I hereunto set my hand and official seal.
(Notarial Seal) Wy Department of Mulung Alter Environmental Projection NOTARY PUBLIC
My Commission expires: Aget 29, 2019 Problem to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Thomas McCauley, of 220 Kennedy Street, Apt. 5, Louisville, OH 44641 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Thomas McCauley

Office of Color and Gas

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CNX GAS CONFANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) ording Cost \$

The undersigned, Clifford J. Wise, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated March 31, 2015 which is of record in the Office of the County Clerk of Monongalia County in Book 1529, Page 672 as Instrument No. 600090.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this Day of October, 2017.

STATE OF **COUNTY OF**

The foregoing instrument was acknowledged before me on the 12 day of OCTOBER, 2017 by Clifford J. Wise.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

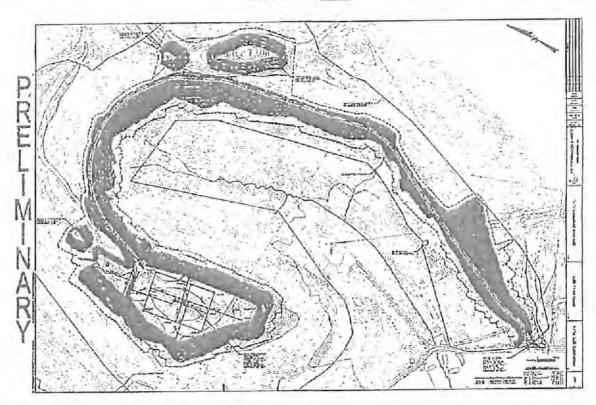
MELANIE BOWMAN COMMISSION # GG 913378 **EXPIRES: July 19, 2020** Bonded Thru Notary Public Underwriter

My Commission expires: \Box

Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

Attached hereto and made a part of that certain Agreement dated March 31st, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Clifford J. Wise of 2394 County Road 137, Obrien, Florida 32071 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Clifford & Lefeir

Prepared by/Return to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

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CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Monongalia County Carve L R1474/20/67018 Instrument 716605 03/21/2018 @ 01:18:01 PH MISCELLANEOUS Book 128 @ Page 501 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Justin P. Stewart, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 766 as Instrument No. 581236.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this | c1 day of STATE OF The foregoing instrument was acknowledged before me on the 2017 by Justin P. Stewart. RECEIVED Office of Oil and Gas

In witness hereof, I hereunto set my hand and official seal.

OFFICIAL SEAL ROTARY PUBLIC STATE OF WEST VIRGISIA Melissa D. Kerr

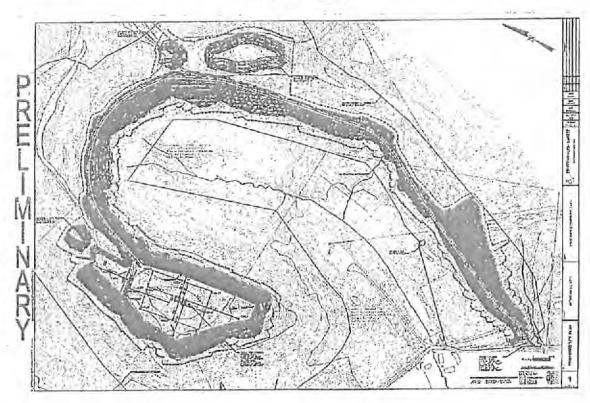
6 2018

WV Department of Environmental Protection

My Commission expires:

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Justin P. Stewart, a single man, having an address at 322 W. John Street, Martinsburg, WV, 25404 (Grantor).

Property being located in <u>Buttelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Justin P. Stewart

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CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Monongalia County Carve L Blaney 20162018 Instrument 716607 03/21/2018 @ 01:18:01 PM HISCELLANEOUS Book 128 @ Page 505 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Eleanor J. Wise, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 3, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1513, Page 691 as Instrument No. 573542.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this grade day of October The foregoing instrument was acknowledged before me on the $\frac{9}{2}$ 2017 by Eleanor J. Wise. 6 2018 APR WV Dapartment of

In witness hereof, I hereunto set my hand and official seal

(Notarial Seal

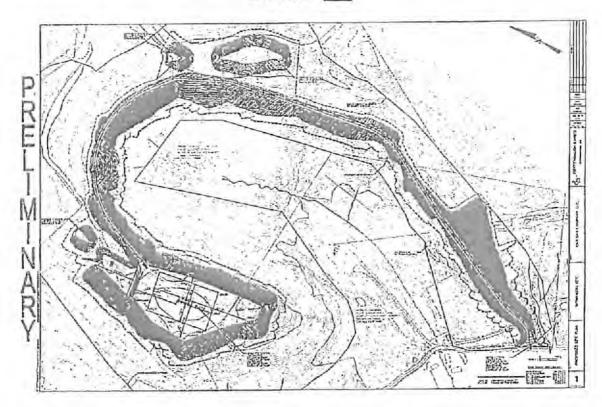
OFFICIAL SEAL CHANDRA L. KIMBLE **NOTARY PUBLIC** STATE OF WEST VIRGINIA P.O. Box 65 Blacksville, WV 26521 My Commission Expires April 22, 2024

My Commission expires: 40

Environmental Protection

Attached hereto and made a part of that certain Agreement dated December 3rd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Eleanor J. Wise, of 126 Fairview Avenue, Waynesburg, PA 15370 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Eleonor & Celise

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Victor E. Wise, by his Agent, Vicki Webb, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 16, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 751 as Instrument No. 581223.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.
- 4. Vicki Webb has been authorized to act on behalf of Victor E. Wise pursuant to the Durable Power of Attorney executed by Victor E. Wise on January 11, 2015, and recorded in the Office of the Clerk of the County Commission of Monongalia County, West Virginia in Book 35, Page 216.

Executed this // day of October , 2017.

Victor E. Wise, by his Agent, Vicki Webb

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA

The foregoing instrument was acknowledged before me on the the day of DCTOBER.

2017 by Victor E. Wise, by his Agent, Vicki Webb.

In witness hereof, I hereunto set my hand and official seal.

RECEIVED Gas Office of Oil and Gas

APR 6 2010

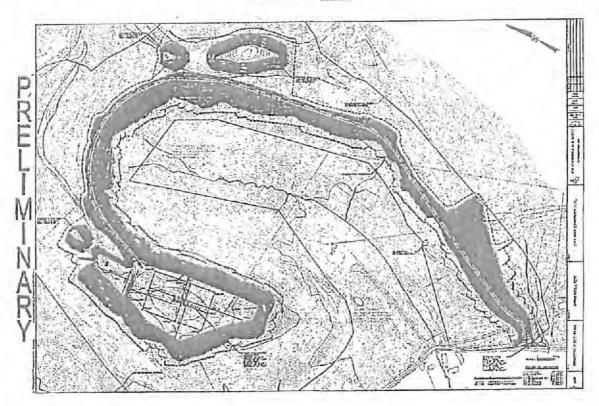
NOTARY PUBLIC OFFICIAL SEAL
ALEDA RAE LANHAM
Stato of West Virginia
My Comm. Expires Aug 26, 2022
Cross Lanes Bible Church 5442 Big Tyler Rd
Cross Lanes WV 25313

NOTARY PUBLIC

My Commission expires: Aug 26,2022

Attached hereto and made a part of that certain Agreement dated December 16th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Victor E. Wise of 266 Pine Drive, Poca, WV 25159 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Victor E. Wise

Office of Call and Gas

APR 6 2018

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Executed this 3 day of 6

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DX CANONSBURG PA 15317-6506 Honongalia County / 2018
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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Jesse D. Jones, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 2, 2014 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1543,
 Page 241 as Instrument No. 626184.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

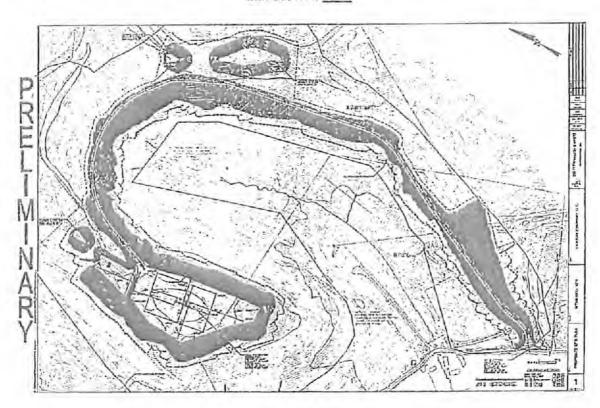
Jesse\D. Jones STATE OF **COUNTY OF** The foregoing instrument was acknowledged before me on the 5th day of Otober. 2017 by Jesse D. Jones. RECEIVED Office of Oil and Gas In witness hereof, I hereunto set my hand and official seal. APR 6 2018 (Notarial Seal) WW Department of COMMONWEALTH OF PENNSYLVANIA Environmental Protection **NOTARIAL SEAL** Darla Renk, Notary Public Rostraver Twp., Westmoreland County My Commission expires: My Commission Expires March 19, 2020 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

VOLO 1543 PGO 24 VOLO 0 128 PGO 504

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 2nd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Jesse D. Jones, a married man, of 308 ½ Crest Ave., Charleroi, PA 15022 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

RECEIVED Office of Oil and Gas

APR 6 2018

WW Capellary Lay Environmental Evaluation VOL 0 0 1 2 8 PG 0 5 0 7

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Konongalia Cauaty Carye L Blaney, Clerk Instrument 716608 03/21/2018 @ 01:18:01 FA HISCELLANEOUS Book 128 @ Page 507 Pages Recorded 2 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) ording Cost \$

The undersigned, **Donald E. Nunley**, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated July 21, 2017 which is of record in the Office of the County Clerk of Monongalia County in Book 1596, Page 253 as Instrument No. 694260.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10 day of October

STATE OF W

RECEIVED Office of Oil and Gas

The foregoing instrument was acknowledged before me on the 10 day of October 2017 by Donald E. Nunley. WV Department of

Environmental Protection

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

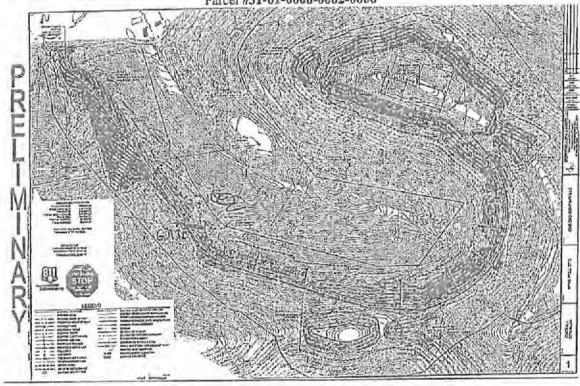
JONATHAN D. JONES Notary Public Official Seal State of West Virginia Ay Comm. Expires Nov 27, 2021 One Dominion Drive Jane Lew WV 26378

NOTARY

My Commission expirés

Attached hereto and made a part of that certain Agreement dated July 21, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Donald E. Nunley, widower, of 36 Autumn Drive, Core, WV 26541 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel #31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Donald E. Nunley

CNX Gas Company LJC

Fingeliy Surmack, Assistant Vice President

Office of Cit and Gas

APR 6 2018

WV Department of Environmental Proceedion VOLOO128 PG0488

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSDURG PA 15317-6506 Honongalia County
Carye L Blaney 2 54620 18
Instrument 716599
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 488
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Walter C. Ord, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 16, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 760 as Instrument No. 581228.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

STATE OF Kentucky
COUNTY OF Floyd

The foregoing instrument was acknowledged before me on the day of Oct Office of Oil and Gas 2017 by Walter C. Ord.

APR 6 2018

In with assistere of, I hereunto set my hand and official seal.

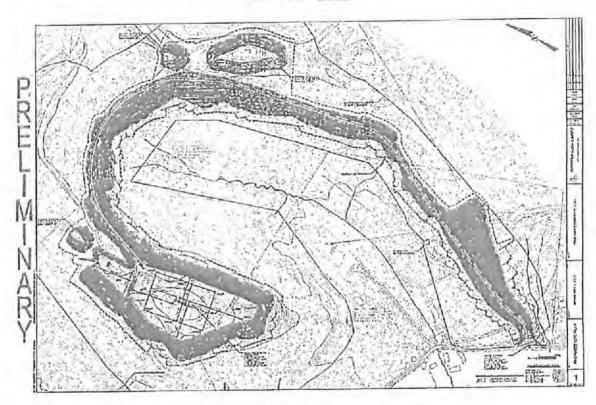
NOTARY PUBLIC
My Commission expires: 7/28/18

Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

1

Attached hereto and made a part of that certain Agreement dated December 16th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and between Walter C. Ord, of 144 Middle Branch, McDowell, KY 41647 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Granton Approved

C. On

Walter C. Ord

APR 6 2018

W. D. Parantanian Proceedian

VOLOO128 PG0511

Executed this October 05

City of Monongahela, Washington County My Commission Expires Oct. 15, 2018 CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSIGURG PA 15317-6506 Honongalia County Carve L Blaney Clerk 018 Instrument 716610 03/21/2018 @ 01:18:01 PM MISCELLANEOUS Book 128 @ Page 511 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Cost \$

11.00

The undersigned, Phyllis J. Petrosky, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 2, 2014 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1513,
 Page 694 as Instrument No. 573544.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Phyllis J. Petrosky

STATE OF Phyllis J. Petrosky

The foregoing instrument was acknowledged before me on the day of Phyllis J. Petrosky.

The foregoing instrument was acknowledged before me on the day of Phyllis J. Petrosky.

APR 6 2018

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

NOTARIA SEAL

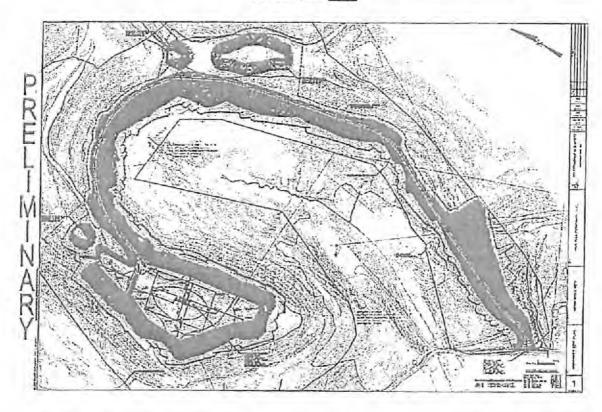
Mary Ann Russell, Notary Public

NOTARIA PUBLIC

Commission expires:

Attached hereto and made a part of that certain Agreement dated December 2nd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Phyllis J. Petrosky, a widowed woman, of 110 Chess St., Apt. 401, New Eagle, PA 15067 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

APR 6 2018

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Vetracky

VOLOO128 PG0486

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Honongalia County Carye L Blakey 20162018 Instrument 716598 03/21/2018 @ 01:18:01 PM HISCELLANEOUS Book 128 @ Page 486 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Patricia J. Mumaw and Richard L. Mumaw, both individually, and as wife and husband, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated May 31, 2017 which is of record in the Office of the County Clerk of Monongalia County in Book 1596, Page 256 as Instrument No. 694261.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this _6+h day of October	, 2017.
	Patricia a. Mumaus
	Patricia J. Muma w Patricia J. Mumaw
	Richard Z. Mumaw Richard L. Mumaw
1	Richard L. Mumaw
STATE OF Ohio	
COUNTY OF Vayor	
,	

The foregoing instrument was acknowledged before me on the 6th day of 0chbac 2017 by Patricia J. Mumaw and Richard L. Mumaw, both individually, and as wife and RECEIVED Gas back and Gas husband.

In witness hereof, I hereunto set my hand and official seal.

6 2018

WV Department of Environmental Protection

BLAIR HARPER Notary Public, State of Ohio My Comm. Expires 04/06/2022 Recorded in Ashland County

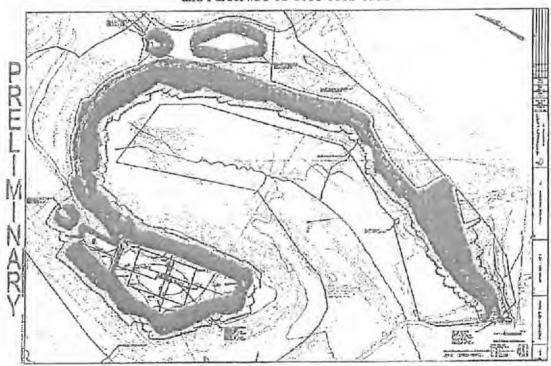
E OF O

NOTARY PUBLIC

My Commission expires: 4-6-22

Attached hereto and made a part of that certain Agreement dated May 31, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Patricia J. Mumaw and Richard L. Mumaw, of 3344 Northridge Drive, Wooster, OH 44691(Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel #31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Patricia J. Mumaw

CNX Gas Company LLC

Patricia J. Mumaw

CNX Gas Company LLC

Office of On and Gas

APR 6 2018

Well patricial of Control of Environmental Production

Prepared by/Return to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

VOLOO128 PG0490

CAX GAS COMPANY LLC 1,000 CONSOL ENERGY IX CANONSBURG PA 15317-6506 Monongalia<mark>cogymte/2018</mark>
Carye L Blaney, Clerk
Instrument 716600
03/21/2018 © 01:18:01 FN
MISCELLANEOUS
Book 128 © Page 490
Pages Recorded 3

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) and Cost \$

11.00

The undersigned, Opal Jane Wise, Life Estate Holder, and John Matthew Wise and Dina M. Wise, Remaindermen, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated February 6, 2015 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1520,
 Page 510 as Instrument No. 582526.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10 day of Octor, 2017.

Opal Jane Wise

John Matthew Wise

When M.

RECEIVED
Office of Oil and Gas

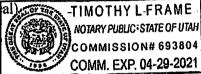
APR 6 2018

WV Department of Environmental Presection STATE OF Otah
COUNTY OF Carbon

The foregoing instrument was acknowledged before me on the 10 day of October, 2017 by Opal Jane Wise, Life Estate Holder.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)



NOTARY PUBLIC
My Commission expires: 4-29-2021

STATE OF Utah
COUNTY OF Carbon

The foregoing instrument was acknowledged before me on the <u>10</u> day of <u>October</u>. 2017 by John Matthew Wise and Dina M. Wise, Remaindermen.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

TIMOTHY L FRAME

NOTARY PUBLIC STATE OF UTAH

COMMISSION# 693804

COMM. EXP. 04-29-2021

NOTARY PUBLIC

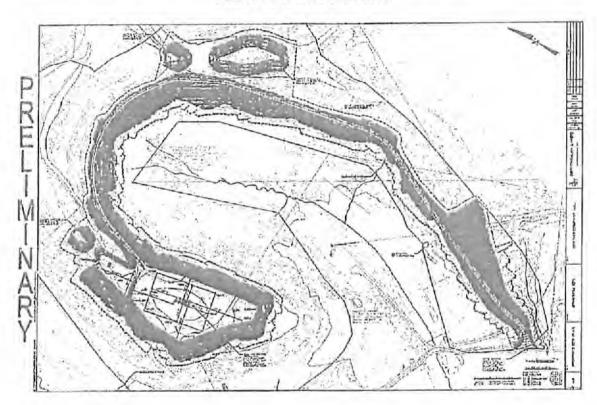
My Commission expires: 4-29-202

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection Exhibit "A"

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Office or Called

APR 6 2018

WW Department of Environmental Franction

John Matthew Palist

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, CNX Gas Company LLC ("CNX"), hereby certifies that:

- CNX is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. As such owner, CNX acknowledges the surface of the Property will be utilized for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 29th day of March, 2018.

CNX Gas Company LLC

By: Timothy Surmick

Its: Assistant Vice President

COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the day of March, 2018 by Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that he as such, being authorized to do so, executed the foregoing instrument on behalf of CNX Gas Company LLC.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

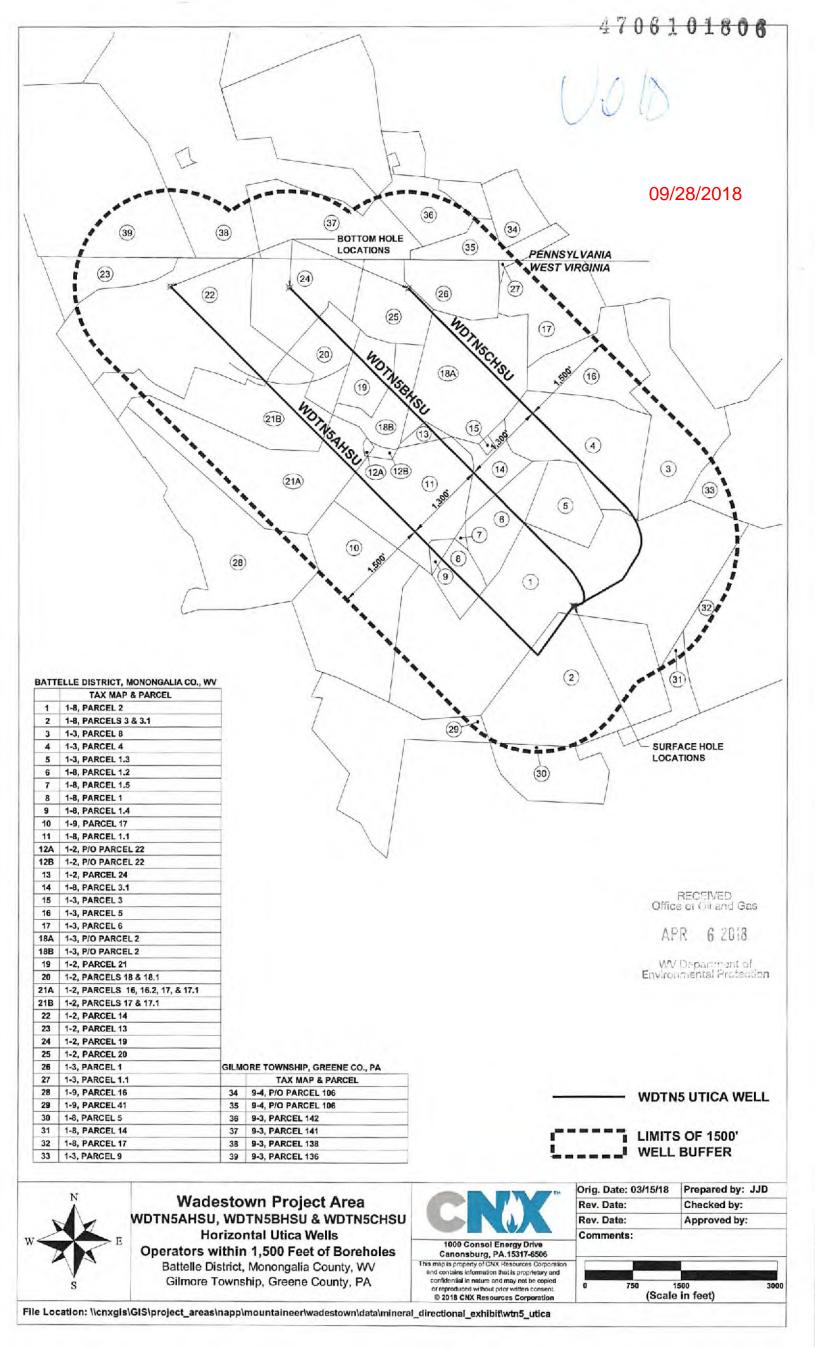
NOTARIAL SEAL
Casey Yantko, Notary Public
Cecil Twp., Washington County
My Commission Expires March 12, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

NOTARY PUBLIC

My commission expires 3-12-2019

APR 6 2018

WV Lapationent of Lavronnestal Protection



ract #	Title#	TMP#	ca Operator Notices Utica Operator/Owner	Address
1	189010000	1-8-2	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
2	204769000	1-8-3, 1-8-3.1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
3	204500000	1-3-8	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
4	204500000	1-3-4	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
5	239934000	1-3-1.3	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
6	205005000	1-8-1.2	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
7	204774000	1-8-1.5	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
8	204516000	1-8-1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
9	204776000	1-8-1.4	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
10	188599000	1-9-17	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
11	188587000	1-8-1.1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
12A	188584000	P/O 1-2-22	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
12B	188584000	P/O 1-2-22	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
13	188585000	1-2-24	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
14	204775000	1-3-3.1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
15	239940000	1-3-3	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
16	239939000	1-3-5	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
17	239939000	1-3-6	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
41	23333000	1.0-0	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			Victor A. White	78 Bedington Rd, Martinsburg, WV 25404
18A	205498000	P/O 1-3-2	Melinda Reid Hatton	1618 N. Lexington St. Apt. 3A, Arlington, VA 22205
10/5	203436000	170 1-3-2	Dennis F. Hatton Jr.	7615 Glenolden Place, Manassas, VA 20111
			Amanda Hatton	7615 Glenolden Place, Manassas, VA 20111 7615 Glenolden Place, Manassas, VA 20111
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
		1	Victor A. White	78 Bedington Rd, Martinsburg, WV 25404
18B	204777000	P/O 1-3-2	Melinda Reid Hatton	1618 N. Lexington St. Apt. 3A, Arlington, VA 22205
TOD	204777000	F/O 1-3-2		7615 Glenolden Place, Manassas, VA 20111
			Dennis F. Hatton Jr.	7615 Glenolden Place, Manassas, VA 20111 7615 Glenolden Place, Manassas, VA 20111
-			Amanda Hatton	1000 CONSOL Energy Drive, Canonsburg, PA 15317
19	204778000	1-2-21	CNX Gas Company LLC Kent P. Prochazka	3121 English Oaks Blvd., Pearland, TX 77584
-	100000000		Kent P. Prochazka	3121 English Oaks Blvd., Pearland, 1x 77584
20	188580000 204779000	1-2-18, 1-2-18.1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
-		1-2-16, 1-2-16.2, 1-2-17.	EQT Production Company	625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222
21A	188578000		XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
		& 1-2-17.1	Kelly Dillbeck	288 Milkweed Dr., Allentown, PA 18104
		1	John Pelger	1863 W 16th Ave, Friendship, WI 53934
			Holly Pelger	1863 W 16th Ave, Friendship, WI 53934
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			EQT Production Company	625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222
21B	239935000	1-2-17, 1-2-17.1	XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
		526,500,000	Kelly Dillbeck	288 Milkweed Dr., Allentown, PA 18104
			John Pelger	1863 W 16th Ave, Friendship, WI 53934
			Holly Pelger	1863 W 16th Ave, Friendship, WI 53934
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			EQT Production Company	625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222
22	188577000	1-2-17, 1-2-17.1	XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
		The second second	Kelly Dillbeck	288 Milkweed Dr., Allentown, PA 18104
			John Pelger	1863 W 16th Ave, Friendship, WI 53934
			Holly Pelger	1863 W 16th Ave, Friendship, WI 53934
23	188610000	1-2-13	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
24	204780000	1-2-19	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
25	239936000	1-2-20	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
26	239937000	1-3-1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
27	258434000	1-3-1.1	Cynthia Solomon	1301 University Ave., Morgantown, WV 26505
Tay of the			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
28	188598000	1-9-16	XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
1			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			Regis V. Provance and Bonnie M. Provance	384 Park St., Uniontown, PA 15401
			114013 TELLISTONICE OF CONTINUE IN TOYOUTE	11 Garfield Ave., North Haven, CT 06473

1		i i	Bank of Oklahoma trustee of the Alma E Kirkland	
			Revocable Living Trust	5956 Sherry Lane, Suite 700, Dallas, TX 75225
			Morgan Haning	50 Vista Ave. Wheeling, WV 26003
				2 America Ave., Wheeling, WV 26003
			Anne W. Haning	99 Lynwood Ave., Wheeling, WV 26003
- 1		-	Catherine G. Haning Zachary C. Haning	3354 Palmer Drive, Rocky River, OH 44116
				10801 Westland Dr., Knoxville, TN 37922
			Barbara Haning	1912 Clark Ln. Apt. 1. Redondo Beach, CA 90278
			Kathleen Farmer	472 Kenilworth Ave., Elmhurst, IL 60126
			A.E. Hennen III	
			John K. Hennen	542 E. 12th St., Cincinnati, OH 45202
			David Michael Hennen	9 Memminger Ave., Wheeling, WV 26003
			Mary Hennen	53 Monroe Ave., Wheeling, WV 26003
			Robert Douglas Hennen	1975 Louisa Ave., Wheeling, WV 26003
			Estate of Florence H. North	55 Woodland Dr., Brightwaters, NY 11718
			Patrick Lee North	55 Woodland Dr., Brightwaters, NY 11718
			Diane H. Goncalves	407 Ackerson Blvd., Brightwaters, NY 11718
			J.P. Morgan Chase Bank as Trustee for the Joan McLure Casey Trust Agreement dated 9/8/1967	1114 Market St., Wheeling, WV 26003
- X1			Barbara Thomas	125 Meeting Ave., Georgiana, AL 36033
			Betty Macale	2834 8th St., Cuyahoga Falls, OH 44221
45.	1270000000		Jane Fulton	106 Aspen Hollow Ct., Cary, NC 27518
29	204517000	1-9-41, 1-9-44	Faye Arnold Buckley	7410 Catboat Ct., Fishers, IN 46038
			Jerry R. Haines II	302 E. Lincoln Way, Lisbon, OH 44432
			Shawn Ryan Haines	53 Horseshoe Cir., Stuarts Draft, VA 24477
		1	Michelle B. Haines	18 Winter Ln., Waynesboro, VA 22980
			Terri Attinger	8 Delaware Dr., Chico, CA 95973
			Tonya Huntoon	P.O. Box 884, Hamilton City, CA 95951
			Jerilyn R. Baucum	6934 Meadow Wood Trl., Redding, CA 96001
		1	Julie Griffis	6 Cecil Pl., Chico, CA 95928
			Carlos Saucedo	1450 Springfield Dr. Apt 97, Chico, CA 95928
			Ezra Charles McDaniel	1428 Davis St., Chico, CA 95928
			Patrick James Saucedo	P.O. Box 378, Hamilton City, CA 95951
			William Lee Haines Jr.	44 W. Carol St., Alliance, OH 44601
			Kathleen Haines Costner	755 Rock Hill Rd., Fayetteville, NC 28312
				504 Bonnie Dr., Harker Heights, TX 76548
			Lisa Craig	462 Bill West Rd., Limestone, TN 37681
			Phillip Ronald Laws	127 Chapel St., Greenville, TN 37743
			Glynis Lane Marion	114 Cox Cir., Apt. B, Greenville, TN 37743
			Larry J. Miller, Jr.	
			Pat Miller	13108 Kumar Ct., Woodbridge, VA 22193
			Kris Laws Miller	15118 Concord Dr., Woodbridge, VA 22193
			Raymond Wayne Frye	264 Moore Rd. Apt. 5E, Avon Lake, OH 44012
			Rosalie Capshaw	2171 Lake Rd., Akron, OH 44312
			Dorothy Hammer	901 Benton St., Bonham, TX 75418
			Jean Banks	484 6th St., Cedartown, GA 30125
			David Haines	2299 Winter Pkwy Apt. 263, Cuyahoga Falls, OH 44221
			Constance A. Corey	8432 MacThomas NW, North Canton, OH 44720
30	189011000	P/O 1-8-5	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
		6,37,7	Kenneth W. Efaw and Donna P. Efaw	509 Wise Run Rd., Wana, WV 26590
31	204993000	1-8-14	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
137			John C. Wise, Jr.	4545 Township Road 232, Marengo, OH 43334
32	204760000	1-8-17	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
33	204496000	1-3-9	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
34	239956000	P/O 9-4-106 (PA)	Jeffery L. Rode and Sheila S. Rode	190 Crabapple Valley Rd., New Freeport, PA 15352
50%	100000000000000000000000000000000000000	24 622 623 173	Ralph H. Jones, Jr. and Alberta R. Jones	1190 Jollytown Rd., New Freeport, PA 15352
35	239956000	P/O 9-4-106 (PA)	Jeffery L. Rode and Sheila S. Rode	190 Crabapple Valley Rd., New Freeport, PA 15352
			Ralph H. Jones, Jr. and Alberta R. Jones	1190 Jallytown Rd., New Freeport, PA 15352
36	239955000	9-3-142 (PA)	EQT Production Company	625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222
37	239941000	9-3-141 (PA)	EQT Production Company	625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222
38	239942000	9-3-138, 9-3-138A (PA)	Energy Corporation of America	500 Corporate Landing, Charleston, WV 25311
39	204518000	9-3-135 (PA)	Vantage Energy Appalachia LLC	116 Inverness Drive East, Suite 107, Englewood, CO 80112
-7.0		2 2 200 (1 11)	Vantage Energy Appalachia II LLC	116 Inverness Drive East, Suite 107, Englewood, CO 80112

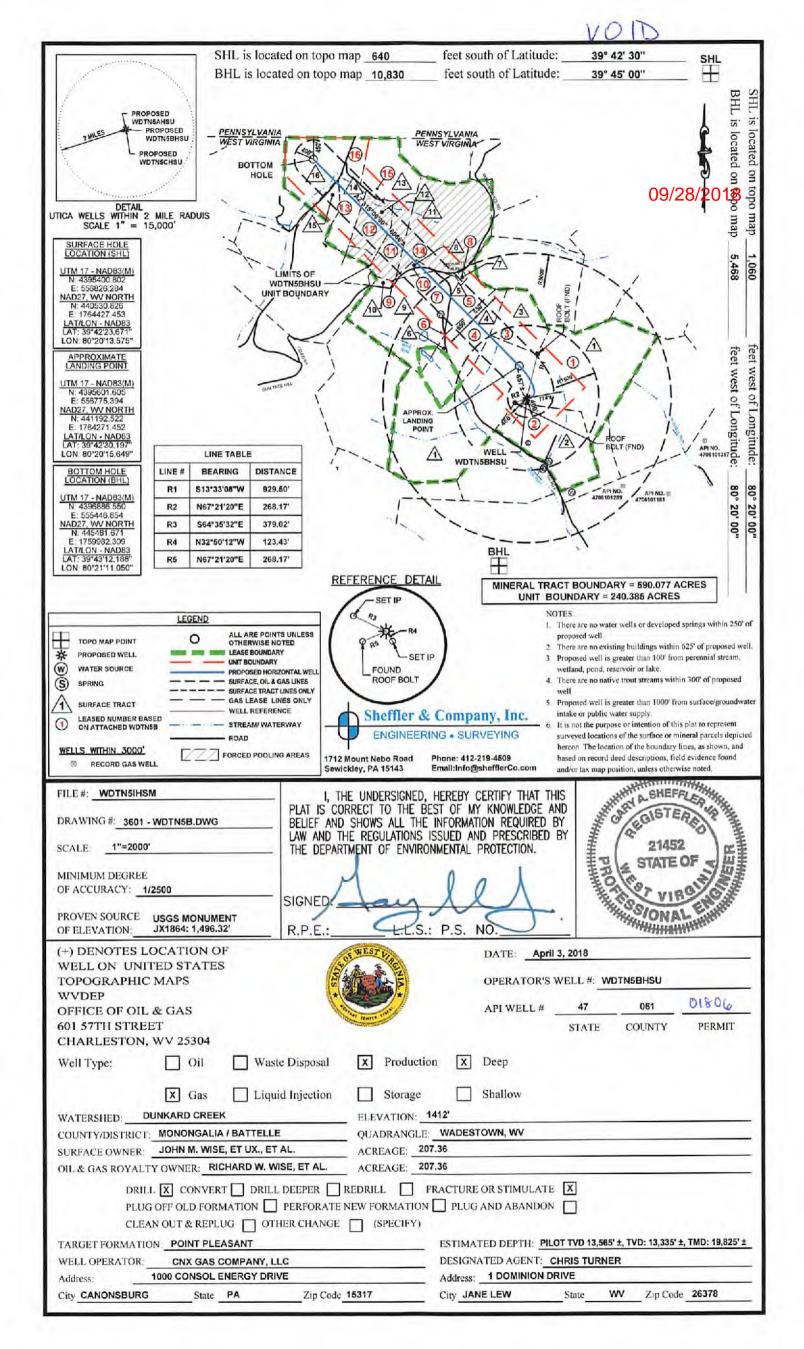


Unleased Owners Unit Name: WDTN5BHSU

QLS#	204777000					
Tract ID	11					
TMP	1-3-2					
Total % of Tract Non-CNX Controlled	5.44216%					
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased			
Victor A. White	2.72108%	0.17618%	Declined Offer			
Melinda R. Hatton	1.36054%	0.08809%	Declined Offer			
Dennis F. Hatton Jr.	0.68027%	0.04404%	Declined Offer			
Amanda Hatton	0.68027%	0.04404%	Declined Offer			

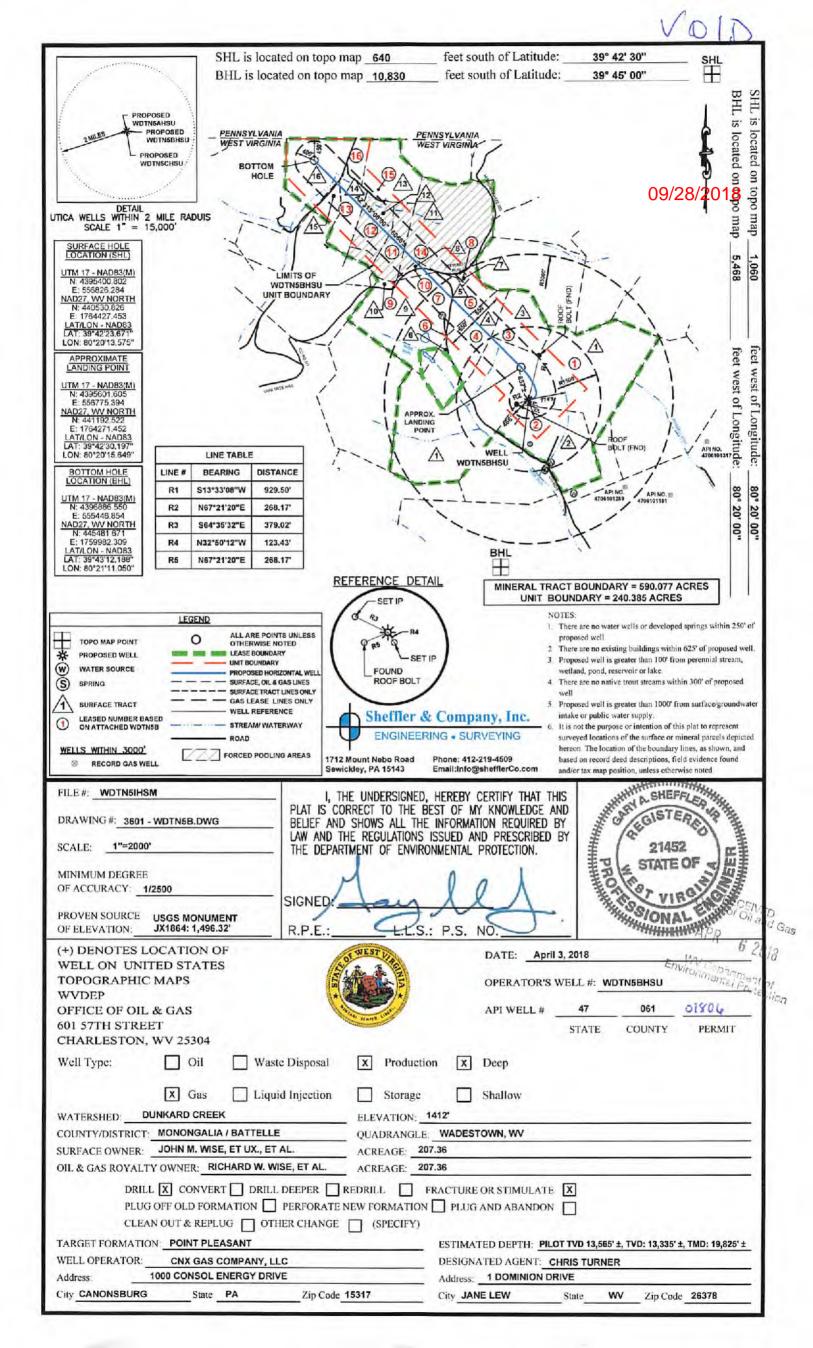
QLS#	204778000					
Tract ID	12					
TMP	1-2-21					
Total % of Tract Non-CNX Controlled	5.55556%					
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased			
Kent Prochazka	5.55556% 0.39666% Declined Offer					

QLS#	205498000						
Tract ID	14						
TMP	1-3-2						
Total % of Tract Non-CNX Controlled	2.72109%						
Unleased Owners	% of Tract Owned	% of Unit	Reason Unleased				
Victor A. White	1.36054%	0.10818%	Declined Offer				
Melinda R. Hatton	0.68027%	0.05409%	Declined Offer				
Dennis F. Hatton Jr.	0.34014%	0.02704%	Declined Offer				
Amanda Hatton	0.34014%	0.02704%	Declined Offer				



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WELL ON	TES LOCATION OF		COAD		#: WDTN5BHSU
WELL ON TOPOGRA WVDEP	TES LOCATION OF UNITED STATES		COAD	DATE: April 3, 2018	#: WDTN5BHSU
WELL ON TOPOGRA WVDEP	TES LOCATION OF UNITED STATES APHIC MAPS		COAD	DATE: April 3, 2018 OPERATOR'S WELL 4 API WELL # 47	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH	TES LOCATION OF UNITED STATES APHIC MAPS FOIL & GAS STREET	NEST LIGHT	COAD	DATE: April 3, 2018 OPERATOR'S WELL	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH : CHARLES	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304	NEST INTERNAL	100	DATE: April 3, 2018 OPERATOR'S WELL # API WELL # 47 STA	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304	NEST LIGHT	100	DATE: April 3, 2018 OPERATOR'S WELL 4 API WELL # 47	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH : CHARLES	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304	aste Disposal X Producti	ion X	DATE: April 3, 2018 OPERATOR'S WELL 4 API WELL # 47 STA	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH : CHARLES	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304	NEST INTERNAL	ion X	DATE: April 3, 2018 OPERATOR'S WELL # API WELL # 47 STA	#: WDTN5BHSU 061 01306
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WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type:	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li DUNKARD CREEK	aste Disposal X Production Storage	ion X	DATE: April 3, 2018 OPERATOR'S WELL: API WELL # 47 STA Deep Shallow	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li D:	aste Disposal X Production Storage ELEVATION: QUADRANGLE	ion X 1412' E: WADEST	DATE: April 3, 2018 OPERATOR'S WELL: API WELL # 47 STA Deep Shallow	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li DUNKARD CREEK STRICT: MONONGALIA / BATTE WNER: JOHN M. WISE, ET UX.,	aste Disposal X Production Storage ELEVATION:	ion X 1412' E: WADEST	DATE: April 3, 2018 OPERATOR'S WELL: API WELL # 47 STA Deep Shallow	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li D:	aste Disposal X Production Storage ELEVATION:	ion X 1412' E: WADEST	DATE: April 3, 2018 OPERATOR'S WELL: API WELL # 47 STA Deep Shallow	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li DUNKARD CREEK STRICT: MONONGALIA / BATTE WNER: JOHN M. WISE, ET UX.,	aste Disposal X Producti quid Injection Storage ELEVATION: QUADRANGLE ET AL. ACREAGE: 2 ACREAGE: 2	ion X 1412' E: WADEST	DATE: April 3, 2018 OPERATOR'S WELL: API WELL # 47 STA Deep Shallow	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 OIL W X Gas Li DUNKARD CREEK STRICT: MONONGALIA / BATTE WNER: JOHN M. WISE, ET UX., OYALTY OWNER: RICHARD W DRILL X CONVERT DR	aste Disposal X Production quid Injection Storage ELEVATION: QUADRANGLE ET AL. ACREAGE: 2 WISE, ET AL. ACREAGE: 2 ILL DEEPER REDRILL	ion X 1412' E: WADEST(207.36 207.36 FRACTURE	DATE: April 3, 2018 OPERATOR'S WELL # API WELL # STA Deep Shallow OWN, WV	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304	aste Disposal X Production Storage ELEVATION: QUADRANGLE ET AL. ACREAGE: 2 ILL DEEPER REDRILL PERFORATE NEW FORMATION	ion X 1412' E: WADEST(207.36 207.36 FRACTURE	DATE: April 3, 2018 OPERATOR'S WELL # API WELL # STA Deep Shallow OWN, WV	#: WDTN5BHSU 061 01306
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV OIL & GAS R	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li DUNKARD CREEK STRICT: MONONGALIA / BATTE WNER: JOHN M. WISE, ET UX., OYALTY OWNER: RICHARD W DRILL X CONVERT DR PLUG OFF OLD FORMATION CLEAN OUT & REPLUG C	aste Disposal X Production Storage ELEVATION: QUADRANGLE ET AL. ACREAGE: 2 ILL DEEPER REDRILL PERFORATE NEW FORMATION	ion X 1412' E: WADEST(207.36 107.36 FRACTURE (N PLUG A	DATE: April 3, 2018 OPERATOR'S WELL # API WELL # STA Deep Shallow OWN, WV OR STIMULATE X AND ABANDON	#: WDTN5BHSU O61 OLYO PERMIT
WELL ON TOPOGRAWVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV OIL & GAS R	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 OIL W X Gas Li DUNKARD CREEK STRICT: MONONGALIA / BATTE WNER: JOHN M. WISE, ET UX., OYALTY OWNER: RICHARD W DRILL X CONVERT DR PLUG OFF OLD FORMATION CLEAN OUT & REPLUG CANALION: POINT PLEASANT	aste Disposal X Production Storage ELEVATION: QUADRANGLE ET AL. ACREAGE: 2 ILL DEEPER REDRILL PERFORATE NEW FORMATION	ion X 1412' E: WADEST 107.36 107.36 FRACTURE (N PLUG A ESTIMAT	DATE: _April 3, 2018 OPERATOR'S WELL # API WELL #	#: WDTN5BHSU 061 01906 TE COUNTY PERMIT 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
WELL ON TOPOGRA WVDEP OFFICE O 601 57TH: CHARLES Well Type: WATERSHEE COUNTY/DIS SURFACE OV OIL & GAS R	TES LOCATION OF UNITED STATES APHIC MAPS F OIL & GAS STREET STON, WV 25304 Oil W X Gas Li DUNKARD CREEK STRICT: MONONGALIA / BATTE WNER: JOHN M. WISE, ET UX., OYALTY OWNER: RICHARD W DRILL X CONVERT DR PLUG OFF OLD FORMATION CLEAN OUT & REPLUG CHAN OUT & REPLUG CHAN OUT & REPLUG CHAN OUT & REPLUG CHAN OUT & CNX GAS COMPANY ATOR: CNX GAS COMPANY	aste Disposal X Production Storage ELEVATION: QUADRANGLE ACREAGE: 2 WISE, ET AL. ACREAGE: 2 ULL DEEPER REDRILL PERFORATE NEW FORMATION OTHER CHANGE (SPECIFY)	ion X 1412' E: WADESTO :07.36 PRACTURE N PLUG ESTIMAT DESIGNA	DATE: _April 3, 2018 OPERATOR'S WELL # API WELL #	#: WDTN5BHSU 061 01906 TE COUNTY PERMIT 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
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WOTN59HSU UNIT = 240.385 ACRES TOTAL	Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
# TAX MAP & PARCEL UNIT ACRES	1	1-8-2	Richard W. Wise Donald Wise	DINA M WISE ET AL
1 1-8, P/O PARCEL 2 48.599 Ac. 2 1-8, P/O PARCEL 3.1 9.890 Ac.		1 - X	Thomas E. McCauley Richard L. McCauley	
3 1-8, P/O PARCEL 1.3 11.442 Ac 4 1-8, P/O PARCEL 1.2 18.345 Ac			Judy A. Eckman	
5 1-3, P/O PARCEL 3.1 14.395 Ac. 6 1-8, P/O PARCEL 1.5 0.004 Ac.			Robert Stewart Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
7 1-8, P/O PARCEL 1.1 19.419 Ac. 8 1-3, PARCEL 3 0.923 Ac.			Clifford J. Wise Regina Wise Myers AKA Violet Regina Myers	
9 1-2, P/O PARCEL 22 0.061 Ac 10 1-2, PARCEL 24 3.287 Ac			Eleanor J. Wise	
11 1-3, P/O PARCEL 2 15.564 Ac. 12 1-2, P/O PARCEL 21 17.163 Ac.			James Freeman Stewart Victor E. Wise	9/28/2018
13 1-2, P/O PARCELS 18 & 18.1 18.298 Ac. 14 1-3, P/O PARCEL 2 19.113 Ac			Zelda Ruth Brummage	
15 1-2, P/O PARCEL 20 5 369 Ac. 16 1-2, P/O PARCEL 19 38.713 Ac.			Evalee A. Everly Shaheen Dexter Murie Stewart	
SURFACE TRACT OWNERS & TAX PARCEL			Justin P. Stewart Annette E. Stewart	
1. DINA M WISE ET AL TM# 1-8-2 2. BARBARA J WAGNER TM# 1-8-3.1			Debora Goff Walter R. Currence	
3 EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART TM# 1-8-1.3			Maureen S. Currence Michelle L. Currence	
DAVID W & ELIZABETH K DEATON TM# 1-8-1,2 STEVEN M MACYDA GARY L & ARLENE ANN NEELY TM# 1-8-1,5			Phyllis J. Petrosky Jesse D. Jones	
7. STEVEN M MACYDA TM# 1-3-3 8. MT TABOR M E CHURCH TM# 1-2-24		1	Harold M. Jones, Jr. Fred C. Wise and Alice F. Wise	
9. GARY L & ARLENE ANN NEELY TM# 1-8-1.1 10. MT TABOR CEMETERY TM# 1-2-22 11. CONSOL MINING COMPANY LLC TM# 1-3-2			Linda Stapp Richard A. Nunley and Diana K. Nunley	
12. ROY LEE JR & ERICA E HALL TM# 1-2-21 13. ROY L HALL TM# 1-2-20			Patricia J. Mumaw and Richard L. Mumaw Donald E. Nunley	
14. LEONARD EOWARD HALL JR TM# 1-2-18.1 15. JASON BRIAN & LINDSEY R HALL TM# 1-2-18			Mary Nunley Stepelton and Donald Stepelton Jane Irons	
			Melissa Bookout Eileen Ann Lyle	
			Robert Eugene Michael, Sr. and Darlene Ann Michael Frank Dennis Michael, Jr. and Mary Frances Michael	
			Evelyn June Michael	
			Tanya Chersin afk/a Tonya Chersin afk/a Tonya L. Chersin Boyd Hawkins and Kari J. Hawkins	
	2	1-8-3.1	Becky Bortnick Hawkins Barbara J. Wagner	BARBARA J WAGNER
			Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anno D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue	
			Shriver, Individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and	
	3	1-8-1.3	Barbara J. Anderson, individually, and as Trustee of the Arhold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008 CBC Holdings, LLC	EDWARD L THOMAS, DAVID
		, 4,12	Edward L. Thomas and Diana Lee Thomas David Wayne Thomas	WAYNE & DOROTHY L STEWART
			Dorothy L. Stewart and Harold L. Stewart Jr.	
	4	1-8-1.2	Earl W. Kennedy CBC Holdings, LLC	DAVID W & ELIZABETH K DEATON
			David W. Deaton and Elizabeth K. Deaton Earl W. Kennedy	
	5	1-3-3.1	CBC Holdings, LLC Steven M. Macyda	STEVEN M MACYDA
	6	1-8-1.5	Earl W. Kennedy CBC Holdings, LLC	GARY L & ARLENE ANN
			Gary L. Neely and Arlene Neely Earl W. Kennedy	NEELY
	7	1-8-1.1	GBC Holdings, LLC Gary L. Neely and Ariene Neely	GARY L & ARLENE ANN NEELY
	8	1-3-3	Earl W. Kennedy Steven M. Macyda	STEVEN M MACYDA
	9	1-2-22	Earl W. Kennedy Mt. Tabor Methodist Episcopal Church	MT TABOR CEMETERY
	10	1-2-24	Earl W. Kennedy Mt. Tabor Methodist Episcopal Church	MT TABOR M E CHURCH
	11/2	1-3-2	Earl W. Kennedy David Charles White and Regina Sue White	CONSOL MINING COMPANY
	11/1/2		Lucy Mae Stickley Marian R. Stone Garrett	LLC
	1///		Patricia K. W. Hoekstra Richard H. Benson, II	
	11/1		Alvy S. White	
	1///	1	Anita Talbott Karen I. Meyers	
	11/1		Carol S, White Davis Edwin R, White II	
			Robert Tate Jr. Frederick Tate	
	7/1/		Timothy Tate Jr.	
(+) DENOTES LOCATION OF		OF WEST	Sheffler & Com	pany, Inc.
WELL ON UNITED STATES TOPOGRAPHIC MAPS	1		ENGINEERING • S	URVEYING
WVDEP		*	1712 Mount Nebo Road Phone: 4	412-219-4509
OFFICE OF OIL & GAS		Spiner start	Sewickley, PA 15143 Email:In	fo@shefflerCo.com
601 57TH STREET CHARLESTON, WV 25304			DATE: _ April 3, 2018	
Well Type: Oil Waste Disp	osal F	x Produ		SBHSU
an 1,pc on waste Disp			OTERATORS WELL #.	
X Gas Liquid Inject	ction	Stora	gc Shallow API WELL# 47 OCCU	
WATERSHED: DUNKARD CREEK			VATION: 1412'	-'d. 1 = 1.5 1.0.624.
COUNTY/DISTRICT: MONONGALIA / BATTELLE			DRANGLE: WADESTOWN, WV	
SURFACE OWNER: JOHN M. WISE, ET UX., ET			EEAGE: 207.36	
OIL & GAS ROYALTY OWNER: RICHARD W. W			EAGE: 207.36	
			LL FRACTURE OR STIMULATE X	
			ORMATION PLUG AND ABANDON SPECIFY)	
CLEAN OUT & REPLUG OTI	IER CHANG	ле [] (ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 1	13 335' + TMD- 10 925' +
TARGET FORMATION: POINT PLEASANT WELL OPERATOR: CNX GAS COMPANY, L	LC		DESIGNATED AGENT: CHRIS TURNER	10,000 E, 1mU: 10,020 E
Address: 1000 CONSOL ENERGY DRI			Address: 1 DOMINION DRIVE	
City CANONSBURG State PA	Zip Co	de 15317		Code 26378

City JANE LEW

Zip Code 26378

Zip Code 15317

City CANONSBURG

State PA

VOID

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner	
(CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY	
1111	100	Jennifer Marie Carrington	шc	
////		Robert S. Elliot		
///		Jane E. McIntyre and Glenn C. McIntyre		
111		Jan W. Ellison and Thomas A. Ellison	1	
///		Marianne Ann Borkowski and Marc Borkowski		
111		Edith B. White]	
///		Nancy Emerick		
1//		Betty Ann Reed		
1//		David Ray Stone		
1//		Donald E. Stone		
1///		Doris Jean White	1	09/28/201
1///		Sandra Pixler		03/20/201
1///		Victor A. White (4/147)		
1///		Melinda Reid Hatton (2/147)	-	
1///		Dennis F. Hatton Jr. (1/147)		
111		Amanda Hatton (1/147)		
12//	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E	
///		Connie Lee Norwood	107.00	ha V
111	1	Beth Ellen Younciak, a/k/a Beth Ellen Bennett	-	
1//	1	Ewing Albert Bennett	-	
1///		Cheryl Lynn Bennett Frankenfield Emily B. Vallin	-	
1//		Jennifer Sue Carpenter	1	
1//		Shirley Dotterer Wadsworth	1	0.1
///		Kethryn Dotterer Vahl	-	
///		Thelma R. Dotterer Chowning	1	
////		Marc D. Prochazka	1	
		Richard Leslie Puchstein	1	
///		Carl Eric Puchstein	1	
		Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014		N. T.
1//		John William Bennett		
7/7		Jeffery Carpenter		
111		Kent P. Prochazka (1/18)		
13	1-2-18 &	John Samuel Stewart	JASON BRIAN & LINDSEY R HALL, LEONARD EDWARD	
	1-2-18.1	Samuel William Stewart and Barbara C. Stewart	HALL JR	
		Merrion Oil and Gas Corporation		
14//	1-3-2	Hu's Land and Minerals LLC David Charles White and Regina Sue White	CONSOL MINING COMPANY	
////	1-3-2	Lucy Mae Stickley	LLC	
111		Marian R. Stone Garrett		
///		Patricia K. W. Hoekstra	-	
///		Richard H. Benson, II	1	
///	Y	Alvy S. White	1	
111		Anita Talbott	1	
1//	1	Karen I. Meyers	1	
111	1	Carol S. White Davis	1	
111		Edwin R. White II	1	
		Robert Tate Jr.	-	
1///		Robert late Jr.		
		Frederick Tate	+	
		The state of the s		
		Frederick Tate		
		Frederick Tate Timothy Tate Jr.		
		Frederick Tate Timothy Tate Jr. Alex Tate		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Michtyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marlanne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Doris Jean White		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Donfis Jean White Victor A. White (2/147)		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marlanne Ann Borkowski and Marc Borkowski Edith B. White Betry Ann Reed David Ray Stone Donald E. Stone Doris Jean White Victor A. White (2/147) Melinda Reid Hatton (2/294)		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Eilliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Eilison and Thomas A. Eilison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Doris Jean White Victor A. White (2/147) Melinda Reid Hatton (2/294) Dennis F. Hatton Jr. (2/588)		
		Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Doris Jean White Victor A. White (2/147) Melinda Reid Hatton (2/294) Dennis F. Hatton Jr. (2/588) Amanda Hatton (2/588)		
15	1-2-20	Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Doris Jean White Victor A. White (2/147) Melinda Reid Hatton (2/294) Dennis F. Hatton Jr. (2/588) Amanda Hatton (2/588) Merrion Oil and Gas Corporation	ROY L HALL	
15	1-2-20	Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Doris Jean White Victor A. White (2/147) Melinda Reid Hatton (2/294) Dennis F. Hatton Jr. (2/588) Amanda Hatton (2/588)	ROY L HALL	

(+) DENOTES LOCATION OF WELL ON UNITED STATES	Sheffler & Company, Inc.
TOPOGRAPHIC MAPS	ENGINEERING • SURVEYING
WVDEP *	1712 Mount Nebo Road Phone: 412-219-4509
OFFICE OF OIL & GAS	Sewickley, PA 15143 Email:Info@shefflerCo.com
601 57TH STREET CHARLESTON, WV 25304	DATE: _April 3, 2018
	X Deep OPERATOR'S WELL #: WDTN5BHSU
X Gas Liquid Injection Storage	Shallow API WELL# 47 COUNTY PERMIT
WATERSHED: DUNKARD CREEK ELEVATION: _	1412'
	WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 20	07.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 20	07.36
DRILL X CONVERT DRILL DEEPER REDRILL	FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION	
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)	
TARGET FORMATION: POINT PLEASANT	ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE
City CANONSBURG State PA Zip Code 15317	City JANE LEW State WV Zip Code 26378

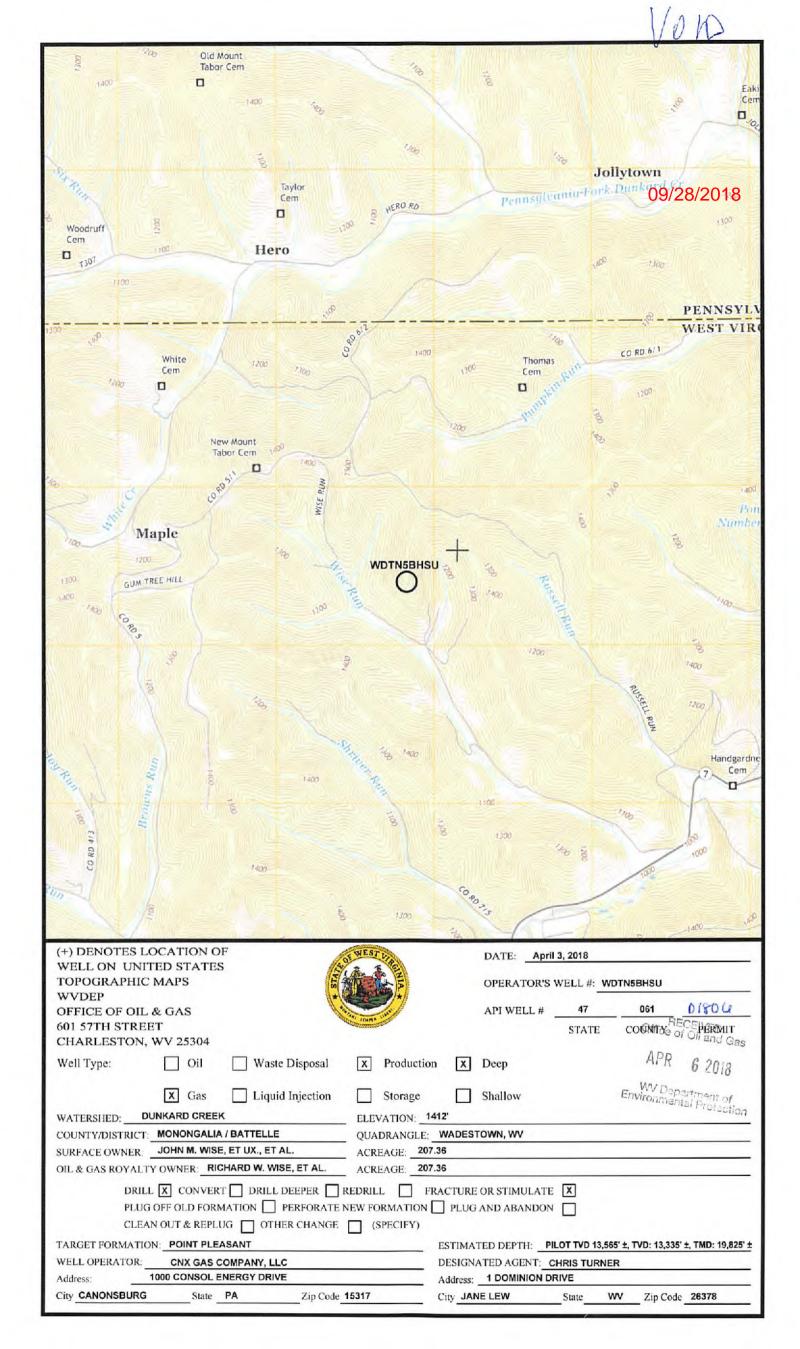
(100)

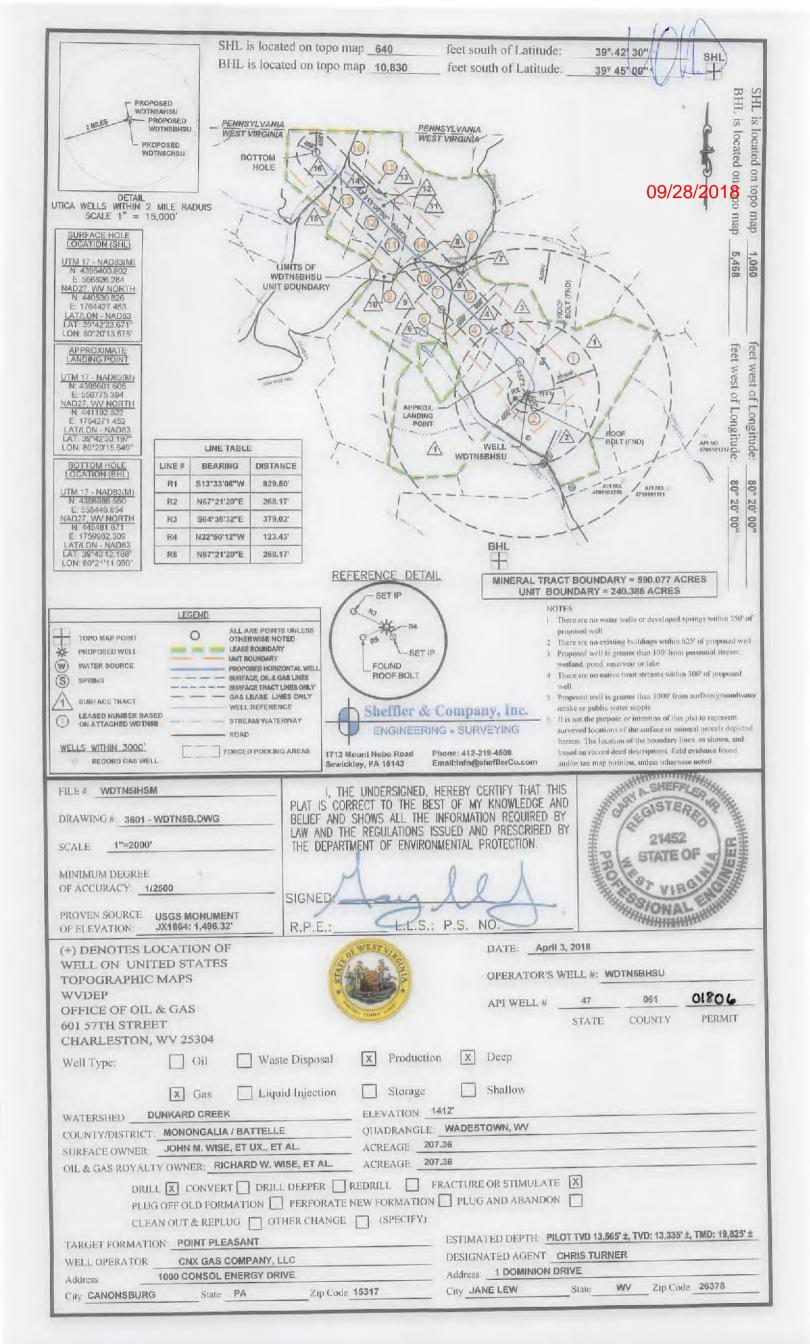
					1/4/11)
WDTN5BHSU UNIT = 240,385 AC	CRES TOTAL	Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
BATTELLE DISTRICT # TAX MAP & PARC		1	1-8-2	Richard W. Wise Donald Wise	DINA M WISE ET AL
1 1-8, P/O PARCEL 2 1-8, P/O PARCEL				Thomas E. McCauley	
3 1-8, P/O PARCEL 4 1-8, P/O PARCEL)	Richard L. McCauley Judy A. Eckman	
4 1-8, P/O PARCEL 5 1-3, P/O PARCEL	3.1 14.395 Ac.			Robert Stewart Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise,	
6 1-8, P/O PARCEL 7 1-8, P/O PARCEL)	Remaindermen Clifford J. Wise	
8 1-3, PARCEL 3	0.923 Ac.			Regina Wise Myers AKA Violet Regina Myers	
10 1-2, PARGEL 24	3.287 Ac.			Eleanor J. Wise Walter C. Ord	0/00/00/0
11 1-3, P/O PARCEL 12 1-2, P/O PARCEL				James Freeman Stewart Victor E. Wise	9/28/2018
13 1-2, P/O PARCEL: 14 1-3, P/O PARCEL				Zelda Ruth Brummage	
15 1-2. P/O PARCEL	20 5.369 Ac.			Evalee A. Everly Shaheen Dexter Murie Stewart	
16 1-2 P/O PARCEL	19 38.713 Ac.			Justin P. Stewart Annette E. Stewart	
SURFACE TRACT OWNERS 8	TM# 1-8-2			Debora Goff	
 BARBARA J WAGNER EDWARD L THOMAS, D 				Maureen S. Currence	
 DOROTHY L STEWAR DAVID W & ELIZABETH 	K DEATON TM# 1-8-1.2			Michelle L. Currence Phyllis J. Petrosky	1
 STEVEN M MACYDA GARY L & ARLENE ANN 				Jesse D. Jones Harold M. Jones, Jr.	
 STEVEN M MACYDA MT TABOR M E CHURC GARY L & ARLENE ANN 				Fred C. Wise and Alice F. Wise	
10. MT TABOR CEMETERY 11. CONSOL MINING COMP	TM# 1-2-22			Linda Stapp Richard A. Nunley and Diana K. Nunley	
 ROY LEE JR & ERICA E ROY L HALL 				Patricia J. Mumaw and Richard L. Mumaw Donald E. Nunley	
 LEONARD EDWARD HA JASON BRIAN & LINDSI 				Mary Nunley Stepelton and Donald Stepelton	
				Jane Irons Melissa Bookout	
				Eileen Ann Lyle Robert Eugene Michael, Sr. and Darlene Ann Michael	
				Frank Dennis Michael, Jr. and Mary Frances Michael	
				Evelyn June Michael Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin	
			11	Boyd Hawkins and Kari J. Hawkins Becky Bortnick Hawkins	A
		2	1-8-3.1	Barbara J. Wagner Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David	BARBARA J WAGNER
				B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue	
				Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust	
				Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	
		3	1-8-1.3	CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L
				David Wayne Thomas	STEWART
				Dorothy L. Stewart and Harold L. Stewart Jr. Earl W. Kennedy	
		4	1-8-1.2	CBC Holdings, LLC David W. Deaton and Elizabeth K. Deaton	DAVID W & ELIZABETH K DEATON
			4334	Earl W. Kennedy	eteren m macyba
		5	1-3-3.1	CBG Holdings, LLG Steven M. Macyda	STEVEN M MACYDA
		6	1-8-1.5	Earl W. Kennedy CBC Holdings, LLC	GARY L & ARLENE ANN
				Gary L. Neety and Arlene Neety Earl W. Kennedy	NEELY
		7	1-8-1.1	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
				Gary L. Neely and Arlene Neely Earl W. Kennedy	NEEL
		8	1-3-3	Steven M. Macyda Earl W. Kennedy	STEVEN M MACYDA
		9	1-2-22	Mt. Tabor Methodist Episcopal Church	MT TABOR CEMETERY
		10	1-2-24	Earl W. Kennedy Mt. Tabor Methodist Episcopal Church	MT TABOR M E CHURCH
		7.11//	1-3-2	Earl W. Kennedy David Charles White and Regina Sue White	CONSOL MINING COMPANY
		9111		Lucy Mae Stickley Marian R. Stone Garrett	rrc
				Patricia K. W. Hoekstra	
				Richard H. Benson, II Alvy S. White	1
				Anita Talbott Karen I. Meyers	
		11/1		Carol S. White Davis	
		1///		Edwin R. White II Robert Tate Jr.	
		0///		Frederick Tate Timothy Tate Jr.	
(4) DEMOTER LOC	ATIONOP		- Committee	Olin.	
(+) DENOTES LOC WELL ON UNITED			4 OF WES	Sheffler & Con	pany, Inc.
TOPOGRAPHIC M.			3/4/0	ENGINEERING • S	SURVEYING
WVDEP		No.	*	1712 Mount Nebo Road Phone:	412-219-4509
OFFICE OF OIL &	GAS	1	San House		fo@shefflerCo.com
601 57TH STREET	V 25204		A POLITICAL DE LA CONTRACTOR DE LA CONTR		
CHARLESTON, W			_	DATE: April 3, 2018	
Well Type: Oi	1 Waste Dispo	sal D	Produ	uction X Deep OPERATOR'S WELL#: WDTN	
X Ga	as [Liquid Inject	ion	Stora	ge Shallow API WELL # 47 OF COU	
WATERSHED: DUNK	KARD CREEK		ELE	VATION: _1412'	
The state of the s	ONONGALIA / BATTELLE			DRANGLE: WADESTOWN, WV	
and the second s	OHN M. WISE, ET UX., ET A			EAGE: 207.36	
OIL & GAS ROYALTY O	WNER: RICHARD W. WIS	E, ET AL.	ACR	EAGE: 207.36	
nnu. lu	CONTENT D PRILL		7	. 🗆	

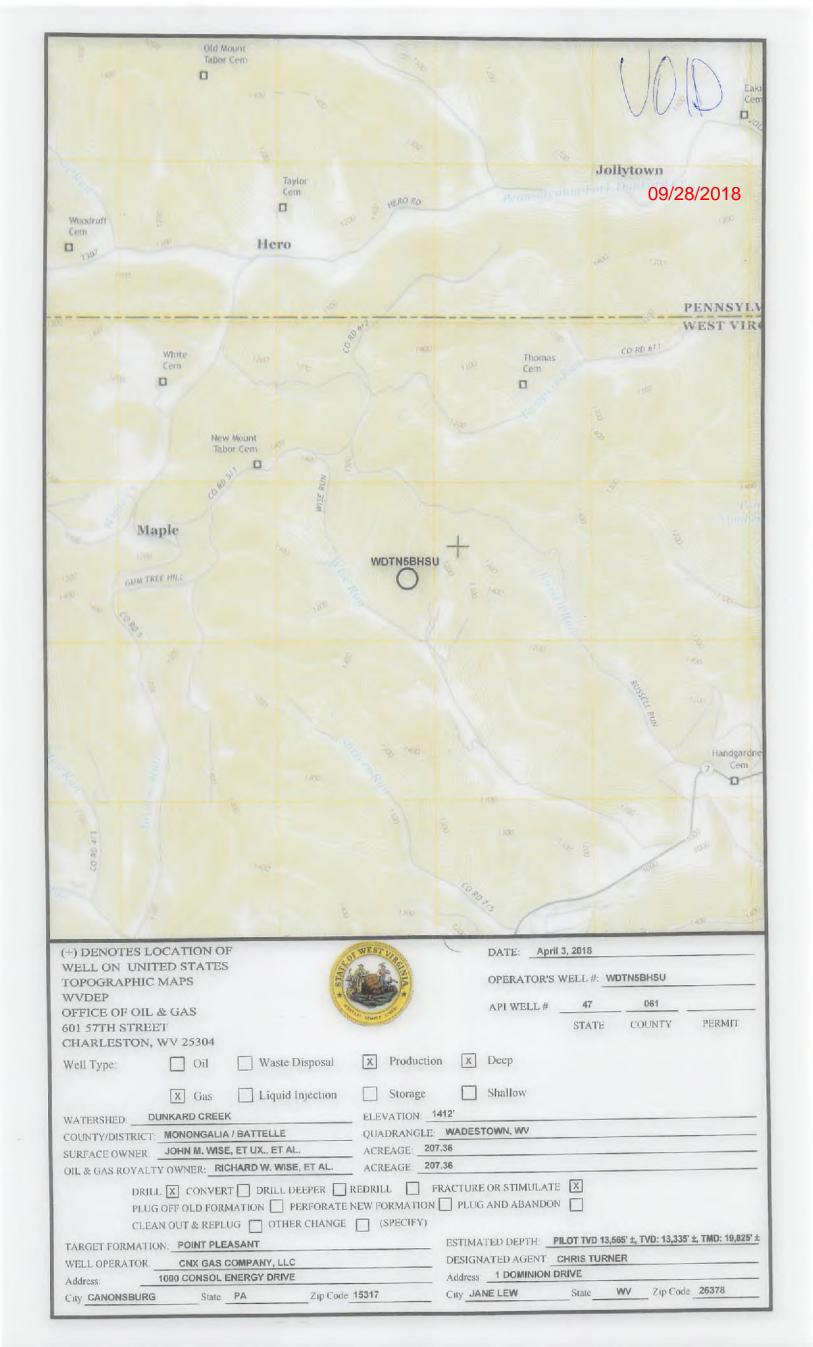
WO(D

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	<u>Surface Owner</u>	
I (CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY	
////		Jennifer Marie Carrington	LLC	
1//		Robert S. Elliot		
111		Jane E. McIntyre and Glenn C. McIntyre	7	
111		Jan W. Ellison and Thomas A. Ellison	1	
111		Marianne Ann Borkowski and Marc Borkowski]	
1111		Edith B. White]	
	-	Nancy Emerick	1	
1111		Betty Ann Reed		
11/1		David Ray Stone	1	
1///		Donald E. Stone	1	
11/1		Doris Jean White	1	00/20/204
1111	1	Sandra Pixler	1	09/28/201
7//		Victor A. White (4/147)	1	
1//		Melinda Reid Hatton (2/147)	1	
1///		Dennis F, Hatton Jr. (1/147)	1	
1771		Amanda Hatton (1/147)		
12//	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E	
17/1	1.2.2.1	Connie Lee Norwood	HALL	
1///		Beth Ellen Younclak, aikia Beth Ellen Bennett	-	ľ
1///		Ewing Albert Bennett	-	
111			-	
1777		Cheryl Lynn Bennett Frankenfield	-	
1111		Emily B. Vallin	-	
1111		Jennifer Sue Carpenter		
1///		Shirley Dotterer Wadsworth	-	
1111		Kathryn Dotterer Vahl	4	
///		Theima R. Dotterer Chowning	-	
1///		Marc D. Prochazka		
1111		Richard Leslie Puchstein		
11/1		Carl Eric Puchstein		
1111		Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the		
1111		Jean Steen Puchstein Trust U/A dated October 8, 2014		
111.		John William Bennett		
		Jeffery Carpenter		
1///		Kent P. Prochazka (1/18)		
13	1-2-18 8	John Samuel Stewart	JASON BRIAN & LINDSEY R	
	1-2-18.1	Samuel William Stewart and Barbara C. Stewart	HALL, LEONARD EDWARD HALL JR	
		Merrion Oil and Gas Corporation	111.22.011	
		Hu's Land and Minerals LLC		
14//	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY	
1///		Lucy Mae Stickley	rrc	
11/1		Marian R. Stone Garrett		
1111		Patricia K. W. Hoekstra		
///		Patricia K. W. Hoekstra Richard H. Benson, II	-	
		Richard H. Benson, II		
		Richard H. Benson, II Alvy S. White Anita Talbott		
		Richard H. Benson, II Alvy S. White		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis		
		Richard H. Benson, II Alvy S. White Anta Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr.		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr.		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate		
		Richard H. Benson, II Alvy S. White Anta Talbott Karen L. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington		
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		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marlanne Ann Borkowski and Mare Borkowski Edith B. White		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. Mcintyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marlanne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Bestry Ann Reed David Ray Stone		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone		
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		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. McIntyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone		
		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. Mcintyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Donald E. Stone		
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		Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. Mcintyre Jan W. Ellison and Thomas A. Ellison Marlanne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Donald E. Stone Donald E. Stone Dorial Jenn White Victor A. White (2/147) Melinda Reid Hatton (2/294) Dennis F. Hatton Jr. (2/588)		
15	1-2-20	Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Ellilot Jane E. Mcintyre and Glenn C. Mcintyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edrith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Donald E. Stone Doris Jean White Victor A. White (2/14/7) Melinda Reid Hatton (2/284) Dennis F. Hatton Jr. (2/588) Amanda Hatton (2/2585)	ROYLHALL	
15	1-2-20	Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Elliot Jane E. Mcintyre and Glenn C. Mcintyre Jan W. Ellison and Thomas A. Ellison Marlanne Ann Borkowski and Marc Borkowski Edith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Donald E. Stone Doris Jean White Victor A. White (2/147) Melinda Reid Hatton (2/294) Dennis F. Hatton Jr. (2/588) Amanda Hatton (2/2685) Merrion Oil and Gas Corporation	ROY L HALL	
15	1-2-20	Richard H. Benson, II Alvy S. White Anita Talbott Karen I. Meyers Carol S. White Davis Edwin R. White II Robert Tate Jr. Frederick Tate Timothy Tate Jr. Alex Tate Jennifer Marie Carrington Robert S. Ellilot Jane E. Mcintyre and Glenn C. Mcintyre Jan W. Ellison and Thomas A. Ellison Marianne Ann Borkowski and Marc Borkowski Edrith B. White Nancy Emerick Betty Ann Reed David Ray Stone Donald E. Stone Donald E. Stone Doris Jean White Victor A. White (2/14/7) Melinda Reid Hatton (2/284) Dennis F. Hatton Jr. (2/588) Amanda Hatton (2/2585)	ROY L HALL	

(+) DENOTES LOCATION OF	Sheffler & Company, Inc.
WELL ON UNITED STATES	ENGINEERING • SURVEYING
TOPOGRAPHIC MAPS	ENGINEER WITH CONTROL
WVDEP	1712 Mount Nebo Road Phone: 412-219-4509 Sewickley, PA 15143 Email:Info@shefflerCo.com
OFFICE OF OIL & GAS	Sewickley, PA 15145 Email: info@silenteroc.com
601 57TH STREET CHARLESTON, WV 25304	DATE: April 3, 2018
Well Type: Oil Waste Disposal X Production	X Deep OPERATOR'S WELL #: WDTN5BHSU
X Gas Liquid Injection Storage	Shallow API WELL# 47 O61 DIFFORMIT
WATERSHED: DUNKARD CREEK ELEVATION:	1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE	WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 24	07.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 2	07.36
DRILL X CONVERT DRILL DEEPER REDRILL	FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION	
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)	
TARGET FORMATION: POINT PLEASANT	ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE
City CANONSBURG State PA Zip Code 15317	City JANE LEW State WV Zip Code 26378







4706101806

		Attachment -	Form WW-6A-1 for WDTN5BHSU		V	
act ID	Тах Мар	Title Opinion	Company Lands and	Grantee, Lessee, etc		
actio	& Parcel	QLS#	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
1	1-8-2	189010000	Richard W. Wise	CNX Gas Company, LLC	Not less than 1/8	1516/36
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
_	-		Richard W. Wise and Sandra S. Wise Donald Wise	CNX Gas Company, LLC CNX Gas Company, LLC	Lease Amendment Not less than 1/8	1595/13 1516/486
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
_			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Thomas E. McCauley	CNX Gas Company, LLC	Not less than 1/8	1442/715
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard L. McCauley	CNX Gas Company, LLC	Not less than 1/8	1442/707
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Judy A. Eckman	CNX Gas Company, LLC	Not less than 1/8	1442/711
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270 131/339
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	1520/433
-			Robert Stewart CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
_			Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M.	and controlly test	. marginitistis	
			Wise, Remaindermen	CNX Gas Company, LLC	Not less than 1/8	1520/481
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Clifford J. Wise	CNX Gas Company, LLC	Not less than 1/8	1525/130
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339 1450/740
			Regina Wise Myers AKA Violet Regina Myers	CNX Gas Company, LLC	Not less than 1/8	129/270
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	131/339
_	-		Noble Energy, Inc.	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1501/809
			Eleanor J. Wise CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Walter C. Ord	CNX Gas Company, LLC	Not less than 1/8	1501/803
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			James Freeman Stewart	CNX Gas Company, LLC	Not less than 1/8	1501/806
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/617
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Victor E. Wise	CNX Gas Company, LLC	Not less than 1/8	1501/813
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	128/617 131/339
_			Noble Energy, Inc.	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1500/762
	-		Zelda Ruth Brummage CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	126/654
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Evalee A. Everly Shaheen	CNX Gas Company, LLC	Not less than 1/8	1501/321
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	126/654
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Dexter Murle Stewart	CNX Gas Company, LLC	Not less than 1/8	1500/277
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	126/654
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Justin P. Stewart	CNX Gas Company, LLC	Not less than 1/8	1520/625
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	129/292 131/339
			Noble Energy, Inc.	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1510/806
			Annette E. Stewart CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/628
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Debora Goff	CNX Gas Company, LLC	Not less than 1/8	1529/256
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Walter R. Currence	CNX Gas Company, LLC	Not less than 1/8	1524/530
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment Not loss than 1/9	131/339 1520/781
			Maureen S. Currence	CNX Gas Company, LLC RECEIVED Noble Energy, Inc. Office of Gill and Gas CNX Gas Company, LLC	Not less than 1/8 Assignment	129/292
	-	-	CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, U.C.	Assignment	131/339
			Michelle L. Currence	CNX Gas Company, LLC	Not less than 1/8	1528/431
			CNX Gas Company, LLC	Noble Energy, Inc. APR 6 2018	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Phyllis J. Petrosky	CNX Gas Company IH.C.	Not less than 1/8	1510/203
			CNX Gas Company, LLC	Noble Energy Inquiry Department of CNX Gas Company, U.C.	Assignment	128/628
			Noble Energy, Inc.	CNX Gas Company, LLC Tremai Projection	Assignment	131/339
			Jesse D. Jones	City day company, etc	Not less than 1/8	1509/468
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339 1511/101
_	-		Harold M. Jones, Jr.	CNX Gas Company, LLC	Not less than 1/8 Assignment	128/628
_	-		CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment	131/339
			Fred C. Wise and Alice F. Wise	CNX Gas Company, LLC	Not less than 1/8	1597/89
			Linda Stapp	CNX Gas Company, LLC	Not less than 1/8	1602/621
_			Richard A. Nunley and Diana K. Nunley	CNX Gas Company, LLC	Not less than 1/8	1597/99

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			Patricia J. Mumaw and Richard L. Mumaw	CNX Gas Company, LLC	Not less than 1/8	1598/230
			Donald E. Nunley	CNX Gas Company, LLC	Not less than 1/8	1596/260
			Mary Nunley Stepelton and Donald Stepelton	CNX Gas Company, LLC	Not less than 1/8	1597/85
_			Jane Irons	CNX Gas Company, LLC	Not less than 1/B	1602/108
_			Melissa Bookout	CNX Gas Company, LLC	Not less than 1/8	1602/113
	-		Eileen Ann Lyle	CNX Gas Company, LLC	Fee Conveyance	1600/462
-			Robert Eugene Michael, Sr. and Darlene Ann Michael Frank Dennis Michael, Jr. and Mary Frances Michael	CNX Gas Company, LLC CNX Gas Company, LLC	Fee Conveyance	1599/282 1599/267
			Evelyn June Michael	CNX Gas Company, LLC	Fee Conveyance	1600/800
			Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin	CNX Gas Company, LLC	1	1601/148
			Boyd Hawkins and Kari J. Hawkins		Fee Conveyance	1601/148
_			Becky Bortnick Hawkins	CNX Gas Company, LLC CNX Gas Company, LLC	Fee Conveyance Fee Conveyance	1605/324
			BELAY BUTTIES HEWAITS	CHA Gas Company, LLC	ree Conveyance	1003/324
ect ID	Tax Map & Parcel	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Possible .	Bask/Bass
2	1-8-3.1	204769000	Barbara J. Wagner	CNX Gas Company, LLC	Royalty Not less than 1/8	Book/Page 1506/533
•	2.0.3.2	204703000	CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	128/628
	-		Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Barbara I, Wagner	CNX Gas Company, LLC	Lease Amendment	1599/670
			Donald L. White, individually and as agent for Helen J. Shriver, Larry L.	C. D. Gus Company, CCC	Course Parising Indiana	1333/070
			Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, Individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver			
			Family Trust	CNX Gas Company, LLC	Not less than 1/8	1507/427
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver			
			Family Trust	CNX Gas Company, LLC	Lease Amendment	1594/411
			Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	CNX Gas Company, LLC	Not less than 1/8	1515/794
			Arnold D. Anderson, individually, and as Trustee of the Arnold D.	CNIX Con Service LLC	Lease Amendment	1609/353
		-	Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	CNX Gas Company, LLC Noble Energy, Inc.	Assignment	129/312
	-		CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Noble Ellersy, Inc.	City Can pany, ccc	7.53g.m.cm	
ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
3	1-8-1.3	239934000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/388
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/344
			Edward L. Thomas and Diana Lee Thomas	CNX Gas Company, LLC	Not less than 1/8	1599/675
			David Wayne Thomas	CNX Gas Company, LLC	Not less than 1/8	1599/685
			Dorothy L. Stewart and Harold L. Stewart Jr.	CNX Gas Company, LLC	Not less than 1/8	1599/680
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631
ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
4	1-8-1.2	205005000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
•	V-0-1-5	203003000	CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/388
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/344
	1		David W. Deaton and Elizabeth K. Deaton	CNX Gas Company, LLC	Not less than 1/8	1459/36
	1		CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/270
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631
	Tax Map	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
ract ID	& Parcel	********	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675
		204775000	CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/388
act ID	& Parcel	204775000		CNV Con Common IIIC	Lease Amendment	1415/344
		204775000	CBC Holdings, LLC	LNA Gas Company, LLC	Lease Americanem	
		204775000	CBC Holdings, LLC Steven M. Macyda	CNX Gas Company, LLC	Not less than 1/8	1520/461
		204775000	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Office of On 2018	CNX Gas Company, LLC CNX Gas Company, LLC		1520/461 1611/41
		204775000	CBC Holdings, LLC Steven M. Macyda	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	
		204775000	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Earl W. Kennedy Steven M. Macyda Steven M. Macyd	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment	1611/41
5	1-3-3.1	Title Opinion	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Earl W. Kennedy APR APR WW Department WW Department	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment	1611/41
5	1-3-3.1		CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Earl W. Kennedy Grantor, Lessor, etc Environmental Pre	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Grantee, Lessee, etc	Not less than 1/8 Lease Amendment Not less than 1/8	1611/41 1375/631
5 act ID	1-3-3.1 Tax Map. & Parcel	Title Opinion QLS #	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Earl W. Kennedy Grantor, Lessor, etc Environmental Pro	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Grantee, Lessee, etc	Not less than 1/8 Lease Amendment Not less than 1/8 Royalty	1611/41 1375/631 Book/Page
5	1-3-3.1 Tax Map	Title Opinion	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Earl W. Kennedy Grantor, Lessor, etc Environmental Pro	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Grantee, Lessee, etc CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Not less than 1/8 Royalty Not less than 1/8	1611/41 1375/631 Book/Page 1375/675
5	1-3-3.1 Tax Map. & Parcel	Title Opinion QLS #	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Steven M. Macyda Earl W. Kennedy Grantor, Lessor, etc. Environmental Pro CBC Holdings, LLC CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Not less than 1/8 Royalty Not less than 1/8 Lease Amendment	1611/41 1375/631 Book/Page 1375/675 1415/388
ractID	1-3-3.1 Tax Map. & Parcel	Title Opinion QLS #	CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Steven M. Macyda Farl W. Kennedy Grantor, Lessor, etc Environment of Proceedings, LLC CBC Holdings, LLC	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Not less than 1/8 Royalty Not less than 1/8	1611/41 1375/631 Book/Page 1375/675

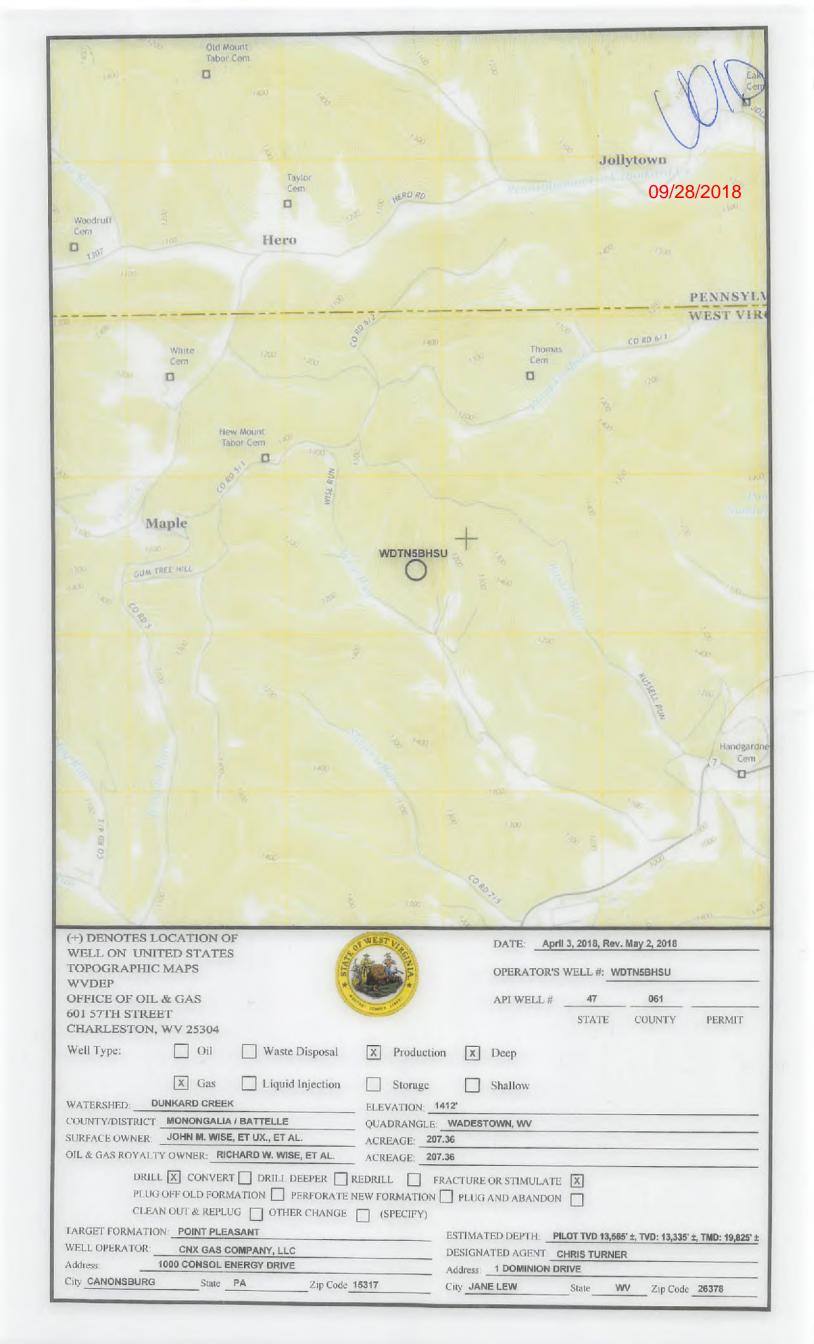
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631	
ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page	
7	1-8-1.1	188587000	CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/675	
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/388	
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/344	
			Gary L. Neely and Arlene Neely	CNX Gas Company, LLC	Not less than 1/8	1602/835	
			Gary L. Neely and Arlene Neely	CNX Gas Company, LLC	Lease Amendment	1607/801	
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631	
ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page	
8	1-3-3	239940000	Steven M. Macyda	CNX Gas Company, LLC	Not less than 1/8	1520/461	
			Steven M. Macyda	CNX Gas Company, LLC	Lease Amendment	1611/41	
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8	1375/631	
	Tax Map	Title Opinion	2	2			
Tract ID	& Parcel	QLS#	<u>Grantor, Lessor, etc</u>	Grantee, Lessee, etc	Royalty	Book/Page	
	0.525	vironia	Mt. Tabor Methodist Episcopal Church	CNX Gas Company, LLC		Not Yet Recorded Unrecorded Copy	
9	1-2-22	188584000	Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	Attached 1375/631	
ract ID	Tax Map & Parcel	Tax Map Title Opinion Grantor, Lessor, etc		Grantee, Lessee, etc	Royalty	Book/Page	
			Mt. Tabor Methodist Episcopal Church	CNX Gas Company, LLC	2000	Not Yet Recorded Unrecorded Copy	
10	1-2-24	188585000	End W Vannado	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	Attached 1375/631	
			Earl W. Kennedy	CNX Gas Company, LLC	Not less than 1/o	13/3/631	
ract ID	Tax Map & Parcel	Title Opinion QLS#	Grantor, Lessor, etc	<u>Grantee, Lessee, etc</u>	Royalty	Book/Page	
11	1-3-2	204777000	David Charles White and Regina Sue White	CNX Gas Company, LLC	Not less than 1/8	1614/136	
	20.5	204777000	Lucy Mae Stickley	CNX Gas Company, LLC	Not less than 1/8	1529/675	
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292	
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339	
			Marian R. Stone Garrett	CNX Gas Company, LLC	Not less than 1/8	1527/235	
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312	
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339	
			Patricia K. W. Hoekstra	CNX Gas Company, LLC	Not less than 1/8	1527/239	
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312	
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339	
			Richard H. Benson, II	CNX Gas Company, LLC	Not less than 1/8	1520/494	
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312	
						424/220	
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339	
			Noble Energy, Inc. Alvy S. White	CNX Gas Company, LLC	Not less than 1/8	1521/777	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1521/777 129/312	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment	1521/777 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8	1521/777 129/312 131/339 1521/773	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC NOBLE Genergy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Corol S. White Davis	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Corol S. White Davis	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1526/591 129/312 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr.	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/488 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1526/591 129/312 131/339 1526/591	
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			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Robert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Timothy Tate Jr. CNX Gas Company, LLC NX Gas Company, LLC NX Gas Company, LLC NX Gas Company, LLC CNX Gas Company, LLC NX Gas Company, LLC CNX Gas Company, LLC C	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1526/591 129/312 131/339 1527/558 129/312 131/339 1527/563 129/312 131/339 1527/663 129/312 131/339 1528/243 129/292 131/339	
			Noble Energy, Inc. Alvy S. White CNX Gas Company, LLC Noble Energy, Inc. Anita Talbott CNX Gas Company, LLC Noble Energy, Inc. Karen I. Meyers CNX Gas Company, LLC Noble Energy, Inc. Carol S. White Davis CNX Gas Company, LLC Noble Energy, Inc. Edwin R. White II CNX Gas Company, LLC Noble Energy, Inc. Cobert Tate Jr. CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. Frederick Tate CNX Gas Company, LLC Noble Energy, Inc. APR CONTENT OF TABLE OF TA	CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC	Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment Assignment Not less than 1/8 Assignment	1521/777 129/312 131/339 1521/773 129/312 131/339 1520/498 129/312 131/339 1517/242 129/312 131/339 1520/502 129/312 131/339 1526/591 129/312 131/339 1527/558 129/312 131/339 1527/563 129/312 131/339 1527/663 129/312 131/339	

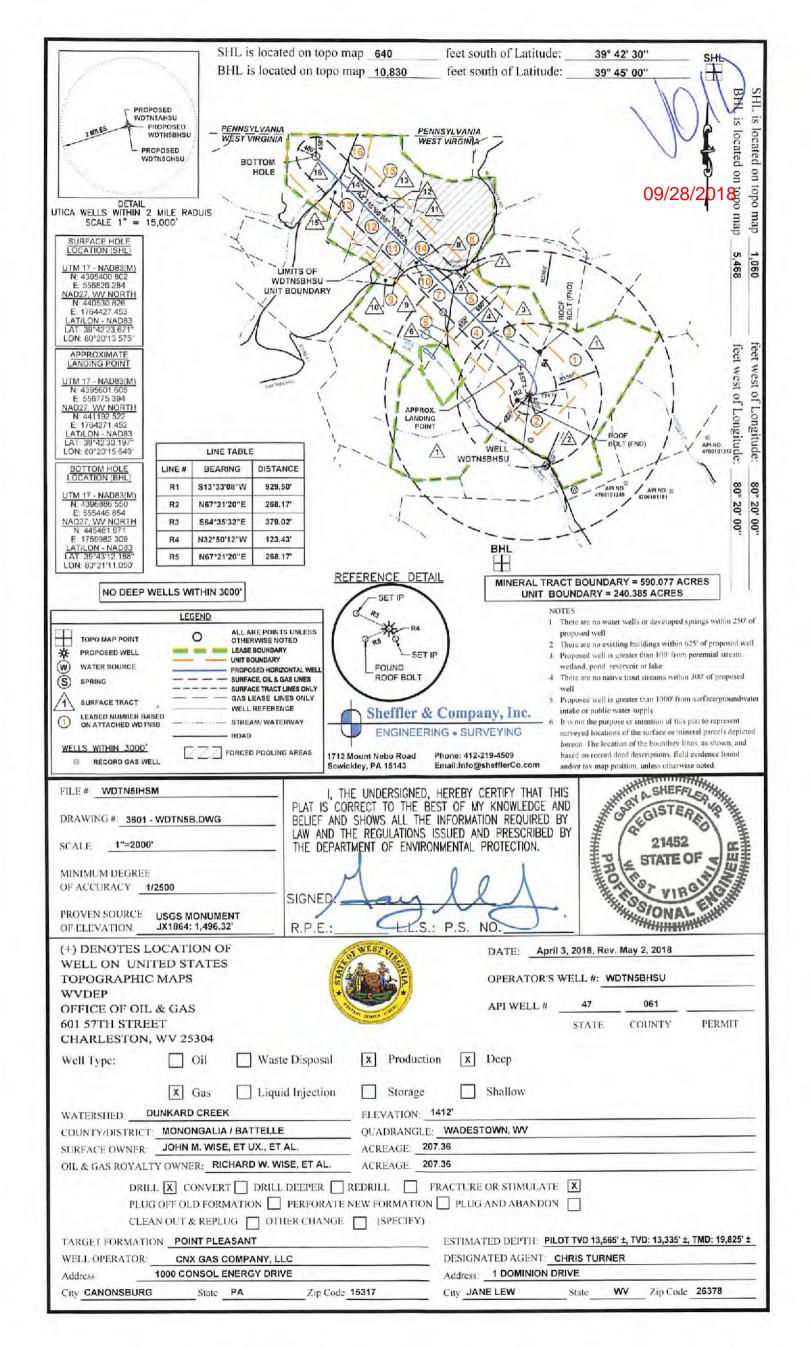
					~ 11	111
			Robert S. Elliot	CNX Gas Company, LLC	Not less than 1/8	1529/679
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jane E. McIntyre and Glenn C. McIntyre	CNX Gas Company, LLC	Not less than 1/8	1614/708
_			Jan W. Ellison and Thomas A. Ellison	CNX Gas Company, LLC	Not less than 1/8	1614/704
			Marianne Ann Borkowski and Marc Borkowski Edith B. White	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1614/645 1614/649
			Nancy Emerick	CNX Gas Company, LLC	Not less than 1/8	1614/145
			Betty Ann Reed	CNX Gas Company, LLC	Not less than 1/B	1612/556
			David Ray Stone	CNX Gas Company, LLC	Not less than 1/8	1606/619
			Donald E. Stone	CNX Gas Company, LLC	Not less than 1/8	1605/624
			Doris Jean White	CNX Gas Company, LLC	Not less than 1/8	1605/329
			Sandra Pixler	CNX Gas Company, LLC	Not less than 1/8	1605/808
			Victor A. White (4/147)	N/A	Unleased	Unleased
			Melinda Reid Hatton (2/147)	N/A	Unleased	Unleased
			Dennis F. Hatton Jr. (1/147)	N/A	Unleased	Unleased
			Amanda Hatton (1/147)	N/A	Unleased	Unleased
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t ID	& Parcel	QL5 #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
2	1-2-21	204778000	Cheryl Lynn Bennett Frankenfield	CNX Gas Company, LLC	Not less than 1/8	1516/482
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Connie Lee Norwood	CNX Gas Company, LLC	Not less than 1/8	1523/309
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Beth Ellen Younciak, a/k/a Beth Ellen Bennett	CNX Gas Company, LLC	Not less than 1/8	1524/73
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
-			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Ewing Albert Bennett	CNX Gas Company, LLC	Not less than 1/8	1523/313 129/292
			CNX Gas Company, LLC Noble Energy, Inc.	Noble Energy, Inc. CNX Gas Company, LLC	Assignment Assignment	131/339
			Cheryl Lynn Bennett Frankenfield	CNX Gas Company, LLC	Not less than 1/8	1524/538
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
_			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Emily B. Vallin	CNX Gas Company, LLC	Not less than 1/8	1527/243
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jennifer Sue Carpenter	CNX Gas Company, LLC	Not less than 1/8	1527/563
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Shirley Dotterer Wadsworth	CNX Gas Company, LLC	Not less than 1/8	1520/445
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Kathryn Dotterer Vahl	CNX Gas Company, LLC	Not less than 1/8	1522/69
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339 1517/249
-			Thelma R. Dotterer Chowning	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	129/292
-			CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
			Noble Energy, Inc. Marc D. Prochazka	CNX Gas Company, LLC	Not less than 1/8	1526/342
_			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard Leslie Puchstein	CNX Gas Company, LLC	Not less than 1/8	1516/478
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
		-	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Carl Eric Puchstein	CNX Gas Company, LLC	Not less than 1/8	1516/482
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014	CNX Gas Company, LLC	Not less than 1/8	1516/474
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			John William Bennett	CNX Gas Company, LLC	Not less than 1/8	1614/315
			Jeffery Carpenter	CNX Gas Company, LLC	Not less than 1/8	1614/727
			Kent P. Prochazka (1/18)	N/A	Unleased	Unleased
			TENED, GAS			
ID.		Title Opinion	Grantor, Lessor, etc. (1/18) Grantor, Lessor, etc. (1/18) Grantor, Lessor, etc. (1/18) APR 6 2018 John Samuel Stewart CNX Gas Company, LLC Noble Energy, Inc.	Grantee, Lessee, etc		
	& Parcel 1-2-18 & 1	QL5 # 188580000	John Samuel Stewart CNX Gas Company, LLC Noble Energy, Inc. John Samuel Stewart Samuel Stewart Samuel William Stewart and Barbara C. Stewart	a F	Royalty	Book/Page
3	2-18.1	100000000000000000000000000000000000000	John Samuel Stewart	CNX Ges Company, LLC	Not less than 1/8	1528/460
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			John Samuel Stewart	CNX Gas Company, LLC	Lease Amendment	1598/217
					Not less than 1/8	1528/251
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
-			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation	CNX Gas Company, LLC	Lease Amendment Not less than 1/8	1592/682 1516/268
			EQT Production Company	EQT Production Company CNX Gas Company, LLC	Assignment	135/765
-			Hu's Land and Minerals LLC	EQT Production Company	Not less than 1/8	1516/270
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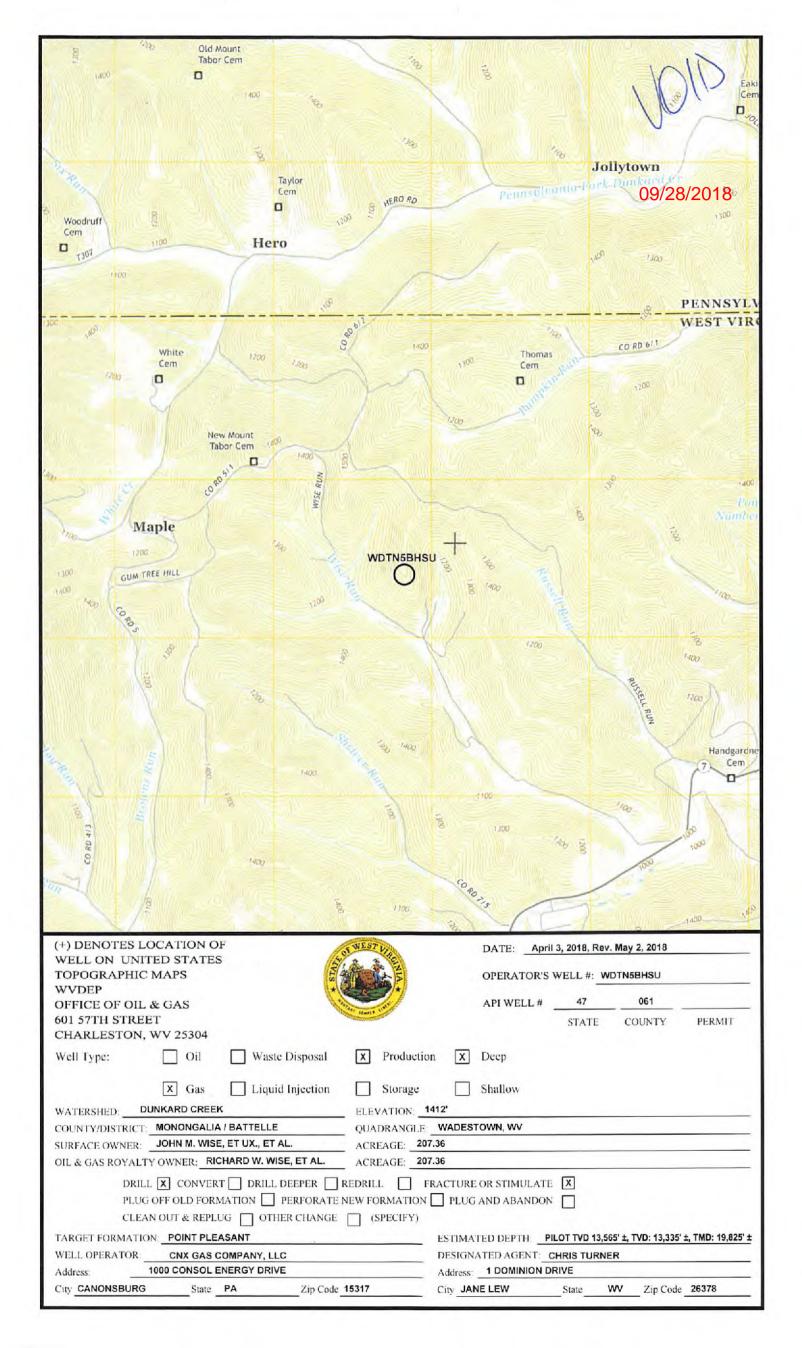
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ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	9	125.00
					Royalty	Book/Page 1614/136
14	1-3-2		David Charles White and Regina Sue White	CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8	1529/675
			Lucy Mae Stickley	CNX Gas Company, LLC		129/292
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	131/339
_	_		Noble Energy, Inc.	CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8	1527/235
_			Marian R. Stone Garrett CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
_			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Patricia K. W. Hoekstra	CNX Gas Company, LLC	Not less than 1/8	1527/239
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Richard H. Benson, II	CNX Gas Company, LLC	Not less than 1/8	1520/494
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
	-		Alvy S. White	CNX Gas Company, LLC	Not less than 1/8	1521/777
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Anita Talbott	CNX Gas Company, LLC	Not less than 1/8	1521/773
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Karen I. Meyers	CNX Gas Company, LLC	Not less than 1/8	1520/498
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Carol S. White Davis	CNX Gas Company, LLC	Not less than 1/8	1517/242
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Edwin R. White II	CNX Gas Company, LLC	Not less than 1/8	1520/502
			CNX Gas Company, LLC	Nable Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Robert Tate Jr.	CNX Gas Company, LLC	Not less than 1/8	1526/591
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Frederick Tate	CNX Gas Company, LLC	Not less than 1/8	1527/558
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Timothy Tate Jr.	CNX Gas Company, LLC	Not less than 1/8	1527/663
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Alex Tate	CNX Gas Company, LLC	Not less than 1/8	1528/243
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
		-	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339 1529/272
			Jennifer Marie Carrington	CNX Gas Company, LLC	Not less than 1/8	
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment Assignment	129/292 131/339
_			Noble Energy, Inc. Robert S. Elliot	CNX Gas Company, LLC	Not less than 1/8	1529/679
			CNX Gas Company, LLC	CNX Gas Company, LLC Noble Energy, Inc.	Assignment	131/212
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Jane E. McIntyre and Glenn C. McIntyre	CNX Gas Company, LLC	Not less than 1/8	1614/708
			Jan W. Ellison and Thomas A. Ellison	CNX Gas Company, LLC	Not less than 1/8	1614/704
			Marianne Ann Borkowski and Marc Borkowski	CNX Gas Company, LLC	Not less than 1/8	1614/645
			Edith B. White	CNX Gas Company, LLC	Not less than 1/8	1614/649
			Nancy Emerick	CNX Gas Company, LLC	Not less than 1/8	1614/145
			Betty Ann Reed	CNX Gas Company, LLC	Not less than 1/8	1612/556
			David Ray Stone	CNX Gas Company, LLC	Not less than 1/8	1606/619
		1	Donald E. Stone	CNX Gas Company, LLC	Not less than 1/8	1605/624
			Dorís Jean White	CNX Gas Company, LLC	Not less than 1/8	1605/329
			Victor A. White (2/147)	N/A	Unleased	Unleased
			Melinda Reid Hatton (2/294)	N/A	Unleased	Unleased
			Dennis F. Hatton Jr. (2/588)	N/A	Unleased	Unleased
			Amanda Hatton (2/588)	N/A	Unleased	Unleased
ract ID	Так Мар		Grantor, Lessor, etc	Grantee, Lessee, etc		
-au-	& Parcel	QLS#	Grantor, tessor, etc	Grontee, Lessee, etc	Royalty	Book/Page
15	1-2-20	239936000	Merrion Oil and Gas Corporation	EQT Production Company	Not less than 1/8	1516/268
	* E-20	23333000	EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
			Hu's Land and Minerals LLC	EQT Production Company	Not less than 1/B	1516/270
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765
ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc		
	100				Royalty	Book/Pag
16	1-2-19	204780000	Merrion Oil and Gas Corporation	EQT Production Company	Not less than 1/8	1516/268
			Merrion Oil and Gas Corporation EQT Production Company Hu's Land and Minerals LLC EQT Production Company Office of Oil at	CNX Gas Company, LLC	Assignment	135/765
			Hu's Land and Minerals LLC Office of Oil 2	EQT Production Company	Not less than 1/8	1516/270
			EQT Production Company	CNX Gas Company, LLC	Assignment	135/765

WV Department of Environmental Protection







ATTE	LE DISTRIC	MAP & PARCEL	UNIT ACRES
-	10.00	P/O PARCEL 2	48 599 At
-	7.51	P/O PARCEL 3.1	9 690 At
		P/O PARCEL 1.3	11.442 A:
-	1-8.	P/O PARCEL 1.2	18.345 At
	1-3,	P/O PARCEL 31	14 395 At
	1-8,	P/O PARCEL 1.5	0.004 Ac
	1-8,	P/O PARCEL 1.1	19.419 At
	1-3.	PARCEL 3	0.923 At
1	1-2,	P/O PARCEL 22	0.061 Ac
1	1-2,	PARCEL 24	3 287 Ac
1	1 1-3,	P/O PARCEL 2	15.564 At
1	1-2,	P/O PARCEL 21	17 163 Ac
1	1-2.	P/O PARCELS 18 & 18.1	18 298 At
1	1-3,	P/O PARCEL 2	19.113 Ad
1	1-2.	P/O PARCEL 20	5 369 Ac
1	1-2	P/O PARCEL 19	38 713 At
SUR 1. 2. 3.	DINA M WI BARBARA	T OWNERS & TAX PARCE SE ET AL J WAGNER THOMAS DAVID WAYNE	TM# 1-8-2 TM# 1-8-3
-		Y L STEWART	TM# 1-8-1
4		ELIZABETH K DEATON	TM# 1-8-1.
5	STEVEN M	MACYDA	TM# 1-3-3.

1.	DINA M WISE ET AL	TM# 1-8-2
2.	BARBARA J WAGNER	TM# 1-8-3.1
3.	EDWARD L THOMAS, DAVID WAYNE	
	& DOROTHY L STEWART	TM# 1-B-1.3
4	DAVID W & ELIZABETH K DEATON	TM# 1-8-1.2
5	STEVEN M MACYDA	TM# 1-3-3.1
6.	GARY L & ARLENE ANN NEELY	TM# 1-8-1.5
7	STEVEN M MACYDA	TM# 1-3-3
8	MT TABOR M E CHURCH	TM# 1-2-24
9	GARY L & ARLENE ANN NEELY	TM# 1-B-1.1
10.	MT TABOR CEMETERY	TM# 1-2-22
11.	CONSOL MINING COMPANY LLC	TM# 1-3-2
12.	ROY LEE JR & ERICA E HALL	TM# 1-2-21
13.	ROYLHALL	TM# 1-2-20
14.	LEONARD EDWARD HALL JR	TM# 1-2-18.1
15	JASON BRIAN & LINDSEY R HALL	TM# 1-2-18

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
1	1-8-2	Richard W. Wise	DINA M WISE ET AL
		Donald Wise	14
		Thomas E. McCauley	1010
		Richard L. McCauley	WILL
		Judy A. Eckman	
		Robert Stewart Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise,	1 11 11
		Remaindermen	
		Clifford J. Wise	
		Regina Wise Myers AKA Violet Regina Myers	V
		Eleanor J. Wise	
		Walter C. Ord	10010010
		James Freeman Stewart	9/28/2018
		Victor E. Wise	, ,
		Zelda Ruth Brummage	
		Evalee A. Everly Shaheen	
		Dexter Murie Stewart	
		Justin P. Stewart Annette E. Stewart	
		Debora Goff	
		Walter R. Currence	
		Maureen S. Currence	
		Michelle L. Currence	
		Phyllis J. Petrosky	
		Jesse D. Jones	
		Harold M. Jones, Jr.	
		Fred C. Wise and Alice F. Wise	
		Linda Stapp	
		Richard A. Nunley and Diana K. Nunley	
		Patricia J. Mumaw and Richard L. Mumaw	
		Donald E. Nunley	
		Mary Nunley Stepelton and Donald Stepelton	
		Jane Irons	
		Melissa Bookout	
		Eileen Ann Lyle	
		Robert Eugene Michael, Sr. and Darlene Ann Michael	
		Frank Dennis Michael, Jr. and Mary Frances Michael	
		Evelyn June Michael	
		Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin	
		Boyd Hawkins and Kari J. Hawkins	
2	1-8-3.1	Becky Bortnick Hawkins	BARBARA J WAGNER
2	1-8-3.1	Barbara J. Wagner Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David	BARBARA J WAGNER
		B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon,	
		Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue	
		Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust	
		Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and	
		Barbara J. Anderson Living Trust UTD May 14th, 2008	
3	1-8-1.3	CBC Holdings, LLC	EDWARD L THOMAS, DAVI
	100000	Edward L. Thomas and Diana Lee Thomas	WAYNE & DOROTHY L
		David Wayne Thomas	STEWART
		Dorothy L. Stewart and Harold L. Stewart Jr.	
		Earl W. Kennedy	
4	1-8-1.2	CBC Holdings, LLC	DAVID W & ELIZABETH K
		David W. Deaton and Elizabeth K. Deaton	DEATON
	Carl Land	Earl W. Kennedy	
5	1-3-3.1	CBC Holdings, LLC	STEVEN M MACYDA
		Steven M. Macyda	
	Cart.	Earl W. Kennedy	
6	1-8-1.5	CBC Holdings, LLC	GARY L & ARLENE ANN
	11/5/11/2	Gary L. Neely and Ariene Neely	NEELY
		Earl W. Kennedy	CADVI A ADVENT
7	1-8-1.1	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
		Gary L. Neety and Ariene Neety	, , , , ,
		Earl W. Kennedy	OTEVEN MANAGEMENT
8	1-3-3	Steven M. Macyda	STEVEN M MACYDA
9	1-2-22	Earl W. Kennedy Mt. Tabor Methodist Episcopal Church	MT TABOR CEMETERY
	1-2-22	Earl W. Kennedy	Who we were the tent
10	1-2-24	Mt. Tabor Methodist Episcopal Church	MT TABOR M E CHURCH
0.0		Earl W. Kennedy	
11//	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPAN
1//		Lucy Mae Stickley	LLC
1111		Marian R. Stone Garrett	
111		Patricia K. W. Hoekstra	
111		Richard H. Benson, II	1
		Alvy S. White	1
111	1	Anita Talbott	
9/2	1		1
		Karen I. Meyers	
		Carol S. White Davis	
		Carol S. White Davis	
		Carol S. White Davis Edwin R. White II	

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

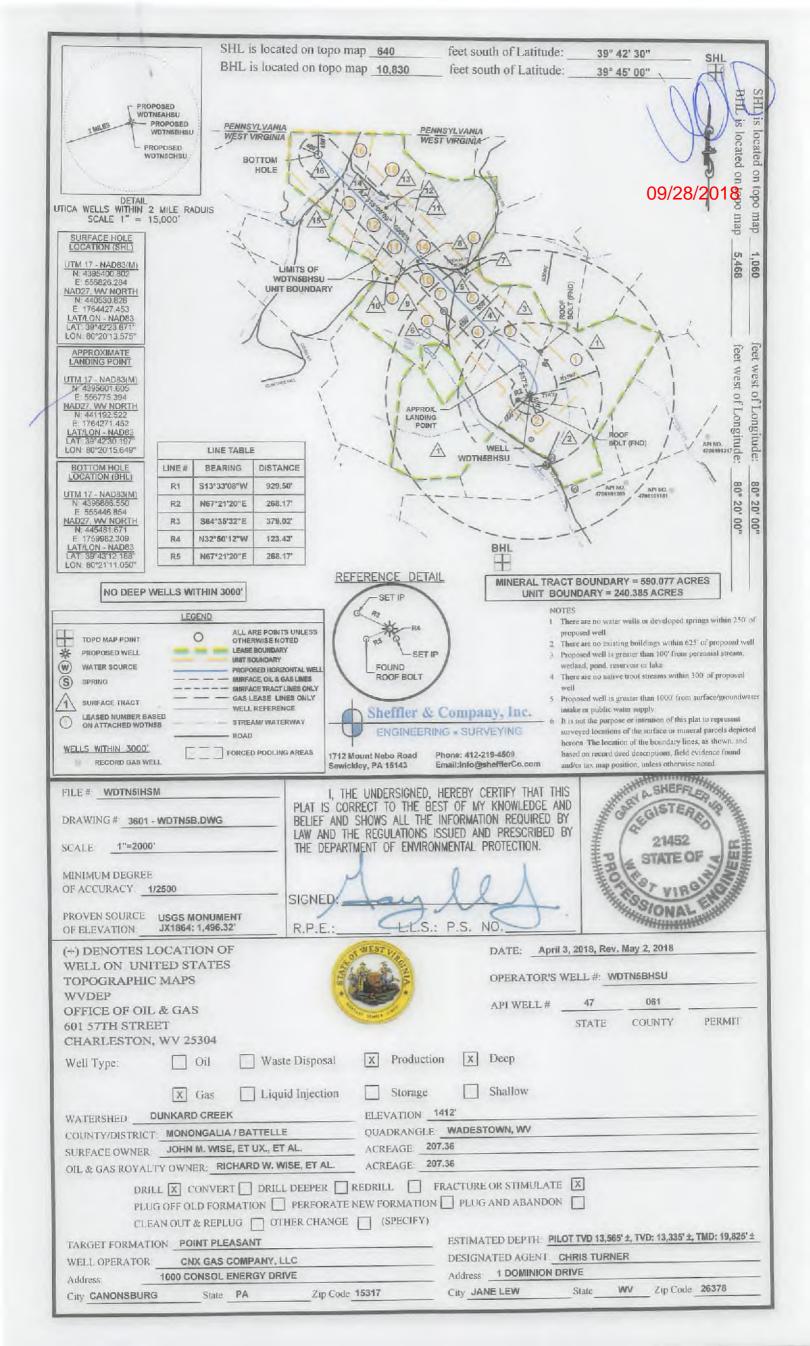


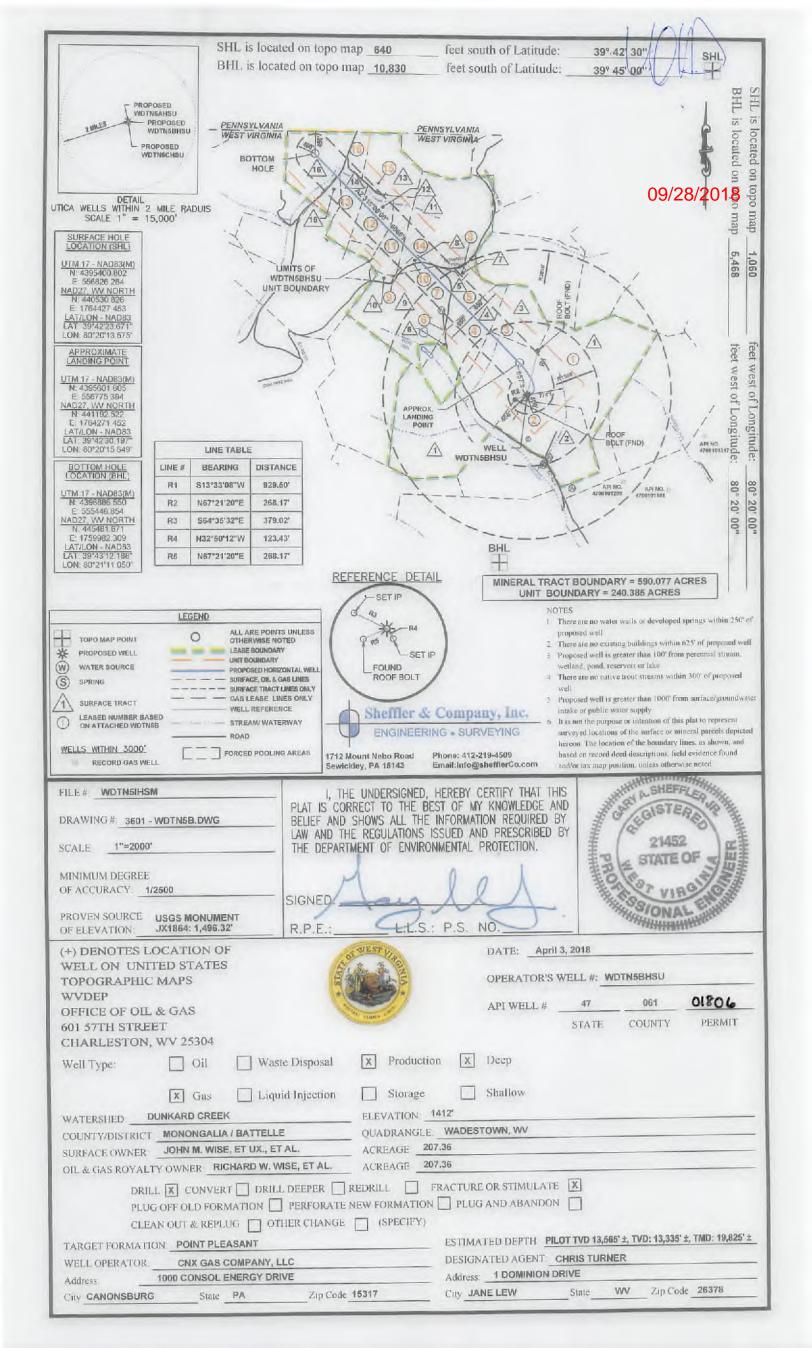


WVDEP OFFICE OF OIL & GAS 601 57TH STREET	1712 Mount Nebo Road Phone: 412-219-4509 Sewickley, PA 15143 Email:Info@shefflerCo.com
CHARLESTON, WV 25304	DATE: April 3, 2018, Rev. May 2, 2018
Well Type: Oil Waste Disposal X Production	X Deep OPERATOR'S WELL #: WDTN5BHSU
X Gas Liquid Injection Storage	Shallow API WELL# 47 COUNTY PERMIT
WATERSHED: DUNKARD CREEK ELEVATION.	
The first of the first first the second of t	WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 2	07.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 2	07.36
DRILL X CONVERT DRILL DEEPER REDRILL PLUG OFF OLD FORMATION PERFORATE NEW FORMATION CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)	
TARGET FORMATION: POINT PLEASANT	ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE
City CANONSBURG State PA Zip Code 15317	City JANE LEW State WV Zip Code 26378

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner	
(CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY	1
4//		Jennifer Marie Carrington	LLC	10
		Robert S. Elliot		. 1 11
1///		Jane E. McIntyre and Glenn C. McIntyre	1	1 1
111		Jan W. Ellison and Thomas A. Ellison	1	
1//		Marianne Ann Borkowski and Marc Borkowski	1	\ N /
111		Edith B. White	1	
1111		Nancy Emerick	1	
1//		Betty Ann Reed		V
11/1		David Ray Stone	1	
1//		Donald E. Stone	1	
1/1/		Doris Jean White	1	
///		Sandra Pixler	-	09/28/20
111		Victor A. White (4/147)	-	00/20/20
111		Melinda Reid Hatton (2/147)	-	
111		Dennis F. Hatton Jr. (1/147)	4	
1/1			4	
16/		Amanda Hatton (1/147)	DOWLES IN SERIOLS	
12//	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E HALL	
111		Connie Lee Norwood	- 111122	
1//		Beth Ellen Younciak, a/k/a Beth Ellen Bennett	1	
1///		Ewing Albert Bennett		
1/1		Cheryl Lynn Bennett Frankenfield	4	
1//		Emily B. Vallin		
1111		Jennifer Sue Carpenter		
1111		Shirley Dotterer Wadsworth		
111		Kathryn Dotterer Vahl		3.4
1/1/		Thelma R. Dotterer Chowning		
		Marc D. Prochazka		
1///		Richard Leslie Puchstein	1	
11/1		Carl Eric Puchstein	1	
		Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014		
1//		John William Bennett		
111		Jeffery Carpenter		
111		Kent P. Prochazka (1/18)		
13	1-2-18 &	John Samuel Stewart	JASON BRIAN & LINDSEY R	
	1-2-18.1	Samuel William Stewart and Barbara C. Stewart	HALL, LEONARD EDWARD	
		Merrion Oil and Gas Corporation	HALL JK	
		Hu's Land and Minerals LLC		
14//	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY	
111		Lucy Mae Stickley	LLC	
1111		Marian R. Stone Garrett		
11/1		Patricia K. W. Hoekstra	7	
1/1/		Richard H. Benson, II	1	
111		Alvy S. White	1	
1//		Anita Talbott	1	
111		Karen I. Meyers		
1/1		Carol S. White Davis	-	
1111		Edwin R. White II	+	
11/3		Robert Tate Jr.	-	
1///		Frederick Tate	+	
111			-	
111		Timothy Tate Jr.	-	
111		Alex Tate		
1111		Jennifer Marie Carrington	-	
11/1		Robert S. Elliot	-	
1/1/		Jane E. McIntyre and Gienn C. McIntyre	4	
11/1		Jan W. Ellison and Thomas A. Ellison		
1///		Marianne Ann Borkowski and Marc Borkowski		
11/		Edith B. White		
1/1		Nancy Emerick		
1//		Betty Ann Reed		
1//		David Ray Stone		
11/1		Donald E. Stone	1	
1///		Doris Jean White	1	
111		Victor A. White (2/147)	1	
111		Melinda Reid Hatton (2/294)	1	
1111			+	
111		Dennis F. Hatton Jr. (2/588)		
		Amanda Hatton (2/588)	ROY L HALL	-
15	1-2-20	Merrion Oil and Gas Corporation	NOT E MALE	
15	1-2-20	Merrion Oil and Gas Corporation Hu's Land and Minerals LLC Merrion Oil and Gas Corporation	ROY L HALL	

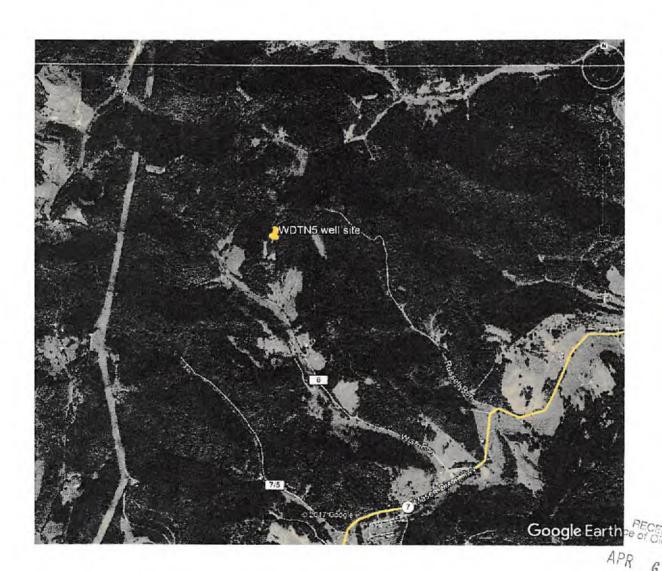
(+) DENOTES LOCATION OF Sheffler & Company, Inc. WELL ON UNITED STATES **ENGINEERING . SURVEYING** TOPOGRAPHIC MAPS WVDEP Phone: 412-219-4509 Email:Info@shefflerCo.com 1712 Mount Nebo Road Sewickley, PA 15143 OFFICE OF OIL & GAS 601 57TH STREET DATE: April 3, 2018, Rev. May 2, 2018 CHARLESTON, WV 25304 Well Type: Oil Waste Disposal X Production X Deep OPERATOR'S WELL #: WDTN5BHSU API WELL # 47 STATE X Gas Liquid Injection Shallow Storage COUNTY PERMIT DUNKARD CREEK ELEVATION: 1412' WATERSHED: _ COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV ACREAGE: 207.36 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36 DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ± DESIGNATED AGENT: CHRIS TURNER WELL OPERATOR: CNX GAS COMPANY, LLC 1000 CONSOL ENERGY DRIVE Address: 1 DOMINION DRIVE Address: City JANE LEW City CANONSBURG Zip Code 15317 Zip Code 26378







Site Safety Plan for Well Site: WDTN5BHSU CNX Gas Company, LLC.



MDR 4/4/2018

Approval Sheet

The Office of Oil and Gas and the Oil and Gas Conservation Commission have set forth minimum requirements for necessary equipment and procedures that must be addressed in a Safety Plan ("Plan") and shall be submitted and approved prior to drilling a deep well. A deep well shall be any well which meets the definition as provided for in Chapter 22C, Article 9 of the West Virginia Code.

A site specific Safety Plan must be submitted with each deep well application or no later than one week prior to spudding. Approved Plans shall be maintained and available at the drilling rig at all times.

The Office of Oil and Gas must approve all changes and modifications to previously approved plans.

This plan has met the requirements of the Policy Statement Deep Well Drilling Procedures and Site Safety Plan Requirements as set forth by:

West Virginia Division of Envii And	ronmental Protection	n, Office of Oil a	nd Gas	
West Virginia Oil and Gas Con	servation Commissi	on.		
Approved this day	of month		, 20	_ by
	<u> </u>	Date:		
		Date:		

Office of Oil and Gas

APR 6 2018

WW Department of Environmental Fretection

Plan Modification*

Revision No.	Description of Revision	CNX Preparer	CNX Reviewer/Approver	Agency Approval	Date

^{*}The Office of Oil and Gas must approve all changes and modifications to previously approved plans.

Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

Safety Plan for Well Site: WDTN5 CNX Gas Company, LLC.

Table of Contents

Contacts, Scheduling, and Meetings

- 1.1 Emergency points of contact for CNX Gas Company, LLC covering all phases of activity (24hr Contact Info)
- 1.2 List of contact information for Material Suppliers and Contractors
- 1.3 WV DEP Office of Oil and Gas Inspector and County LEPC Contact
- 1.4 Local Emergency Response Units and ER Personnel
- 1.5 Schools & Public Facilities
- 1.6 Pre-Spud Meeting
- 1.7 Safety Meetings

2. Maps and Diagrams

- 2.1 Site Design with flare lines, nearby dwellings (if any), and prevailing wind direction.
- 2.2 Topographic Map of well location with 1 mile radius, NAD 83 coordinates of site entrance and where access road intersects the public route.
- 2.3 Evacuation Plan

3. Well Work

- 3.1 Drilling, Completion, and Production Activities
- 3.2 Casing and Cementing Program
- 3.3 General Schematic for Drilling, Completion, and Production

4. Chemical Inventory and MSDS

- 4.1 MSDS
- 4.2 Mud Inventory and Mixing Units



5. BOP and Well Control

- **5.1 BOP Equipment**
- 5.2 Procedure and Schedule for Testing BOP Equipment
- 5.3 Drilling Records/Significant Events and Notification
- 5.4 Wellhead Assembly
- 5.5 Well Kill

6. Hydrogen Sulfide (H2S)

- 6.1 Detection, Monitoring, Warning Equipment, and Training
- 6.2 Notifying the OOG and Public/ Protection Zone and Access Control
- **6.3 Personal Protective Equipment (PPE)**

7. Flaring

- 7.1 Size, Construction, and Length of Flare Line
- 7.2 Flare Lighting
- 7.3 Flare Operation and Minimum Distance
- 7.4 Flare Duration

8. Collision Avoidance

- 8.1 Scope of Work and Survey Techniques
- 8.2 Surface Design Precautions
- 8.3 Vertical and Lateral Drilling Precautions
- **8.4 Additional Supportive Resources**

9. Notification and Protection Zones

- 9.1 Notification
- 9.2 Protection Zones

Appendix

Office of Oil and Gas

APR 6 2018

Environmental Protection

1.0 Contacts, Scheduling, and Meetings

1.1 Emergency points of contact for CNX Gas Company, LLC covering all phases of activity (24hr Contact Info)

NOTIFICATION	Title	Contact	Office	Cell	Home
Priority 1	Director Production Operations	Matt Imrich	724-485-3403	724-809-0024	N/A
Priority 2	District Operations Manager	Pete Nickel	(724) 627-1210	(724) 599-9465	N/A
Priority 3	DrillingSuperintendent	John Hardcastle	724-627-1340	724-579-6583	N/A
Priority 3	Completions Superintendent	Sam McLaughlin	724-627-1236	724-833-1571	N/A
Priority 4	Sr. Production Foreman	Scott Walker	724-464-2915	724-549-8963	N/A
Priority 5	SafetySpecialist	Kyle Borden	(570) 244-8055	(570) 244-8055	N/A

1.2 List of contact information for Material Suppliers and Contractors

Contract Services - Notification as Required					
SERVICES	COMPANY	OFFICE	CELL/HOME	Contact	
Well Control	Wild Well Control	(281) 784-4700	(432) 550-6202		
Well Control	Boots Coots	1-800-BLOWOUT	(281) 931-8884		
Wall Cantral	ADC 24 Ha Managhan	724 254 2607	724-422-8966	Will Warfel	
Well Control	APS 24 Hr Marcellus	724-354-2607	724-388-3286	Mark Backus	
Well Control	Cudd Pressure Control	1-832-295-5555	918-344-6993	Clinton Swango	
Environmental	Weavertown	(800) 746-4850	412-779-4097	Daryl Heiser	
Environmental	McCutcheon Enterprises	724-568-3623	(304) 415-8062	(800) 925-8192	
Labor/Equipment	Penn Mechanical	724-397-9066	724-840-4927	Chad Getty	
Labor/Equipment	West Penn Energy Services	724-354-4118	412-559-1081	Andy Iezzi	
Labor/Equipment	PA Production	724-463-0729	724-840-6113	Khris Nichol	
Labor/Equipment	G&R Gas Service	724-549-6246		Todd Peric	
Labor/Equipment	Force Inc.	724-465-9399	412-289-0069	Brian Force Office of Oi	IVEL
I -h/Equipment	ADC 2411 14	704 354 0607	724-422-8966	THE THERE IS	9 20
Labor/Equipment	APS 24 Hr Marcellus	724-354-2607	724-388-3286		20
Water Hauling	Nuverra Environmental	814-445-3067	814-599-2107	Ben Green	rein.
Water Hauling	Force Inc.	724-465-9399	(412) 289-1888	Andy Gallo	
Water Hauling	Stutzman Vacuum Service Inc.	814-445-8440	814-483-6487	Amos Shaffer	
Water Hauling	West Penn	724-354-4118	412-559-1081	Andy Iezzi	

Water Hauling	WTC Gas Field Services	724-349-4045	724-422-4262- Mobile	09/28/201 Neal Watkins (Slick)	
			724-840-8766	Rusty Davis	
Traffic Control	Penn Mechanical	724-840-4927	724-840-4927	Chad Getty	
Traffic Control	Force Inc.	724-465-9399	412-289-0069	Brian Force	
Traffic Control	West Penn	724-354-4118	412-559-1081/ 724-816-0585	Andy Iezzi/Dave Champion	
Security	G4S	412-269-0750	724-422-4241	Chris Gongloff	
One Call	One Call Center	West Virginia	800-245-4848 or 811		

00/00/00/0

1.3 WV DEP Office of Oil and Gas Inspector

WV DEP Office of Oil and Gas Inspector

Gayne J Knitowski P.O. Box 108 Gormania WV 26720 Gayne.J.Knitowski@wv.gov 304-546-8171

Monongalia Co. Homeland Security Emergency Management Agency / MECCA 911

Jim Smith, Director Phone: (304) 599-6332 jsmith@mecca911.org

1.4 Local Emergency Response Units and ER Personnel

Local first responders will be familiarized with the potential incidents that are related to the oil and gas development so that those agencies have the capability to provide the support necessary for the implementation of this SSP. This may include (within 7 days from land disturbance or well work activities): providing first responder agencies with a copy of this SSP and arranging tours of sites in the area.

Requesting public emergency response assistance for this location would be accomplished via telephone to Marshall County Dispatch which can be reached by dialing 911. From there, they will dispatch the appropriate and available emergency response agencies depending on the nature and extent of the emergency. This location is within the Dallas Volunteer Fire Department's Area.

Monongalia County Dispatch

911 emergency

West Virginia State Police

304-843-4100

Monongalia County Sheriff

304-291-7291

Wadestown Volunteer Fire Dept.

911 / 304-662-6331

Ruby Memorial Hospital

304-598-4000

Environmental Protection

1.5 **Schools and Public Facilities**

Mount Tabor Church & Cemetery

phone unknown

Thomas Cemetery

phone unknown

CNX utilized the white pages, Persopo, and BeenVerified in attempt to locate these facility's contacts.

1.6 **Pre-spud Safety Meeting**

A Pre-spud Safety meeting will be held prior to beginning drilling operations and include personnel to be employed and involved in the drilling operations. The pre-spud safety meeting should also include the district oil and gas inspector or other designated Office of Oil and Gas representatives. All personnel in attendance at the pre-spud meeting will be listed in the form below.

Name	Organization	Job Title	
1			
2			
3			
6			
8			
9			
14.			

1.7 **Safety Meetings**

Office of Oil and Gas Safety meetings will be conducted during drilling, completion, and workover phases as follows: APR

Pre-Spud,

Pre-Tour,

Post-Accident/Near Miss, and

As Needed.

A record of each meeting will be made and maintained on site for the duration of the drilling period. Typically, the drilling company will conduct these safety meetings with CNX personnel participating as needed. These records may be maintained separate from this plan.

2.0 Maps and Diagrams

- 2.1 Site Design (Found in Appendix)
- 2.2 Topographic Map of well location (Found in Appendix)

2.3 Evacuation Plan

The Drilling Supervisor will establish one muster point at which all persons on site will assemble for personnel safety and verification of headcount.

In the event of an emergency, the HSE Department will notify any local residents in the surrounding area who have the potential to be affected. Residents will be notified by phone, or if they're not reachable by phone, they will be notified in person at their place of residence.

Included in the Appendix are site specific maps and drawings that may assist in the emergency response and evacuation process.

The Drilling Supervisor and/or the Toolpusher, when practicable, will secure the Personnel and Visitor log before evacuating the site in order to perform a headcount at the muster point.

3.0 Well Work

CNX Gas Company, LLC strives to meet all regulatory requirements and follow industry best practices in all of its operations. This Site safety Plan (SSP) has been developed to meet the requirements set forth by the WV Department of Environmental Protection, Office of Oil and Gas Well Site Safety Plan Standards for sites with three (3) acres or more of surface disturbance involved in drilling and production of oil and gas in the State of West Virginia.

In the case of a horizontal well, the SSP will be submitted with each well application. The approved SSP will be maintained and available on location at all times. The SSP will also be provided to the local emergency planning committee (LEPC) for emergency planning district in which the well work will occur or the county office of emergency services at least seven (7) days prior to commencement of well work or site preparation work that involves any disturbance of land. In all cases, the SSP once approved, may only be modified upon the approval of the Office of Oil and Gas.

3.1 Drilling, Completion, and Production Activities

Drilling

A pre-spud notification of at least 24 hours will be given to the local area DEP inspector. A Pre-spud safety meeting will be conducted with all company and contract personnel prior to "rig up" or any associated activity. Once "rig up" operations have commenced, there will be drilling representatives on site for 24 hour operations. They will also be monitoring and recording daily drilling activities to ensure all parameters remain in compliance. A detailed drilling description that covers well work and procedure to be used during the drilling, will be available on site when drilling commences.

Environmental protection

Completion 09/28/2018

Once drilling operations are complete, a pre-completions safety meeting will be conducted will all company and contract personnel prior to beginning activities. Red zones (protection zones) will be placed and monitored around all moving equipment. Once completions activities has commenced, there will be completions representatives on site for 24 hour operations. Their primary job responsibilities are hazard and risk analysis, as well as maintaining a safe and environmentally compliant site. They will also be monitoring and recording daily completions activities to ensure all parameters remain in compliance.

Production

Once the wells have been turned in line, there will be well operators on site for 24 hours, 7 days a week. Their primary job responsibilities are hazard and risk analysis, as well as maintaining a safe and environmentally compliant site. Red zones (protection zones) will be placed and monitored around all moving equipment. They also will be monitoring casing and tubing pressures, gas volumes, and water production. It will also be vital that the production tanks and pits be monitored as well to remain in compliance. Once 24 hour monitoring is no longer needed, there will be a well operator on site for 12 hours a day, 7 days a week. Their duties will include hazard and risk analysis of any work being done, maintaining a safe and environmentally compliant site, and general housekeeping duties to ensure a clean and efficient work space. The casing and tubing pressure, gas volumes, as well as water production for each well will be monitored on a daily basis. Operators will also monitor the pits and water tanks on location to make sure that they are in compliance.

- 3.2 Casing and Cementing Program (Found in Appendix)
- 3.3 General Schematics for Drilling, Completions, and Production (Found in Appendix)

4.0 Chemical Inventory and MSDS

4.1 MSDS

Material Safety Data Sheets (MSDS) for all materials and chemicals will be readily available and maintained in the operations trailer on the well site. It is the responsibility of onsite personnel to ensure that the MSDS for each material that is delivered to site is on file at the location. Should a material for which there is not an MSDS on file be brought onto the site a copy of the MSDS that accompanies the shipment will be filed with the rest of the sites MSDS. A copy of these MSDS will be provided to the WV DEP Office of Oil and Gas.

Site Personnel Responsible for maintaining MSDS: Construction – Michael Vitello – (740) 632-2483 Drilling – Ryan Coffman – (724) 984-2193 Completions – Sam McLaughlin – (724) 833-1571 Production – Chris Turner – (304) 641-3647

MSDS may also be sourced through the 3E Company at 1 (800) 360-3220

4.2 Mud Inventory and Mixing Units

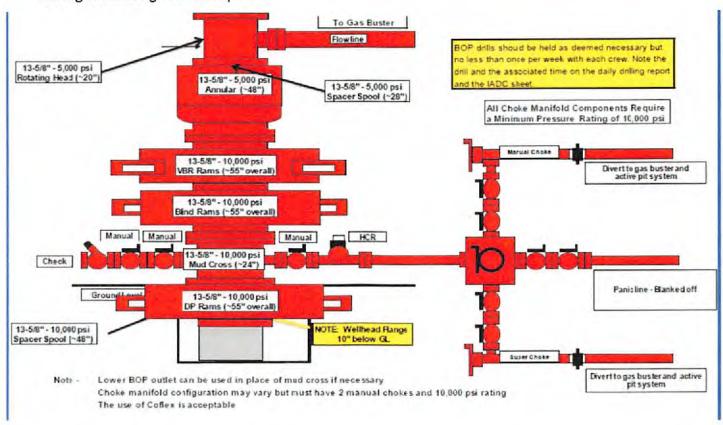
A contracted drilling mud service will maintain all required components for the mixing of mud for well kill operations in compliance with API RP 53. Materials on site for mixing mud will include, but not be

limited to, 200bbl Base Oil, 60tons of Barite, and 250bbls Fresh Water. The contractor will keep the appropriate inventory of those components, and a copy of the inventory will be kept in an onsite office. Mixed Mud amount will be approximately 1200bbl mixed at +/-12.0ppg. This contractor will also maintain the appropriate number and type of mixing units for the mixing of drilling mud in sufficient quantities for well kill operations as the site. Mixing units will be 2 mud tanks with jet mixing lines.

5.0 BOP and Well Control

5.1 BOP Equipment

The following is a list of all BOP equipment with types, sizes and ratings to be utilized and available during the drilling of the deep well.



Remote Controls

Remote controls shall be readily accessible to the driller. Remote controls for all systems shall be capable of closing the preventer. Remote controls systems shall be capable of both opening and closing the preventer. $\frac{Office \ Office \ Offi$

5.2 Procedure and Schedule for Testing BOP Equipment

Well Control Equipment Testing will be conducted in accordance with the American Petroleum Institute's (API) Recommended Practice 53 (RP 53), Recommended Practice for Blowout Prevention Equipment Systems for Drilling Wells. This is the industry standard for the installation and testing for BOP systems on land and marine drilling rigs.

All testing described below will be performed using clear water or an appropriate clear liquid for subfreezing temperatures with a viscosity similar to water.

The BOP equipment will be function tested upon initial installation, weekly, and after each bit trip. It will be pressure tested upon initial installation and every twenty-one (21) days thereafter. All pressure tests will be performed to API standards. Annular preventers will be tested to seventy percent (70%) of the rated capacity and ram preventers will be tested to eighty percent (80%) of the rated capacity. Valves shall be tested from working pressure side during BOPE tests with all downstream valves open. All of the above described tests and/or drills shall be recorded in the drilling log.

The BOP will be installed after running casing meant to control shallow gas shows.

The following personnel will have approved well control training and current certification recognized by the International Association of Drilling Contractors (IADC):

Drilling Site Supervisors (Operator)

Drilling Superintendents (Operator)

Drilling Manager (operator)

Drilling Engineers (Operator)

Tool Pusher (Contractor)

Driller (Contractor)

5.3 Drilling Records/Significant Events and Notification

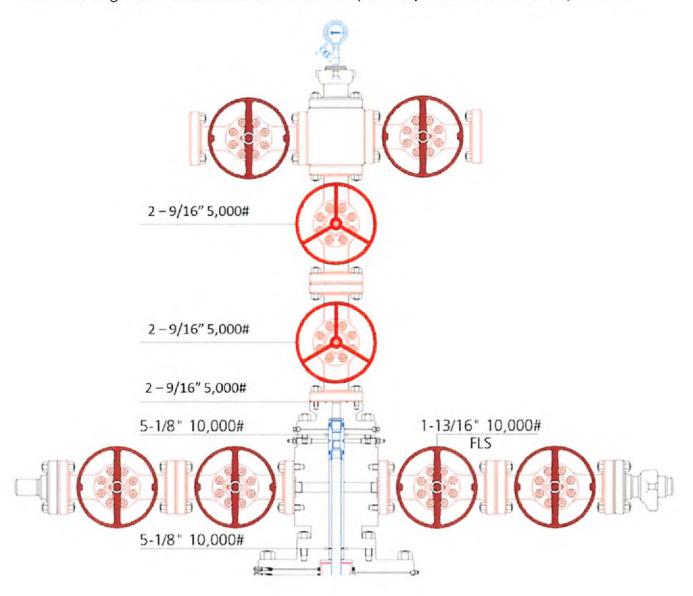
Detailed records of significant drilling events such as lost circulation, fluid entry, kicks, abnormal pressures, etc. are maintained through a daily log in the onsite office. The daily log allows the drilling site supervisor to enter daily reports containing the specified information. The records are then retained electronically in CNX's office in Canonsburg, PA.

The Emergency Response Plan for this operating area requires the district oil and gas inspector or the designated Office of Oil and Gas representative be notified as soon as possible of any unusual drilling events such as large kicks that occur during drilling operations. Any encounter of hydrogen sulfide gas requires immediate notification of the DEP Office of Oil and Gas.



5.4 Wellhead Assembly

Below is a diagram of the wellhead to be installed upon completion of stimulation operations.





5.5 Well Kill 09/28/2018

Mud Inventory

A contracted drilling mud service will maintain all required components for the mixing of mud for well kill operations in compliance with API RP 53. Materials on site for mixing mud will include, but not be limited to, 200bbl Base Oil, 60tons of Barite, and 250bbls Fresh Water. The contractor will keep the appropriate inventory of those components, and a copy of the inventory will be kept in an onsite office. Mixed Mud amount will be approximately 1200bbl mixed at +/-12.0ppg.

Mixing Units

The contracted drilling mud service that maintains the components names in section 6.1, Mud Inventory, will maintain the appropriate number and type of mixing units for the mixing of drilling mud in sufficient quantities for well kill operations at the site. Mixing units will be 2 fluid tanks with jet mixing lines.

Kill Procedures

In the event that the BOP must be activated, a hard shut-in method will be utilized. Should this not be sufficient, an IADC preferred method will be utilized. These include the following:

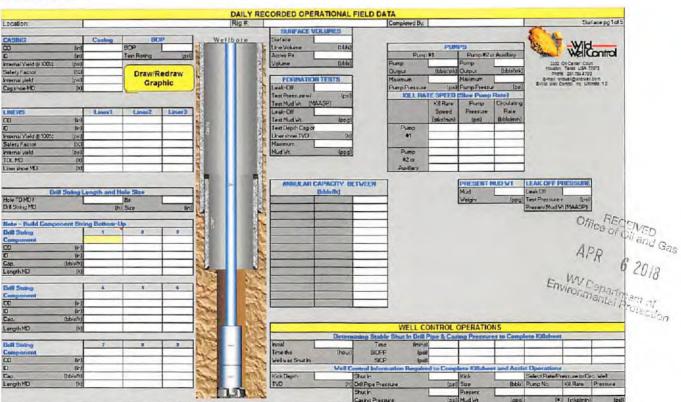
Wait and Weight Method

Driller's Method

Volumetric Control Method

Lubricate and Bleed Method

KILL SHEET



Environmental Protection

6.0 Hydrogen Sulfide (H2S)

6.1 Detection, Monitoring, Warning Equipment, and Training

Electronic H2S detection, monitoring, and warning equipment will be utilized on site. The devices will be placed in or on the rig floor, cellar area, and flow line/closed-loop area at a minimum. Additional devices will be worn by personnel while on site. Also, additional devices may be placed throughout the site.

All personnel on location will be trained on the sites alarms, evacuation procedures, and awareness of the basic hazards associated with H2S.

In the event that operations are being conducted in an area known to have/pose a threat of H2S or if there is reason to believe that a threat is present, all onsite personnel will obtain additional training on Personal Protective Equipment (PPE), respiratory Protection, and be properly fit tested.

6.2 Notifying the OOG and Public/Protection Zone and Access Control

Upon detection of H2S, the OOG will be immediately notified along with necessary emergency personnel. All personnel will evacuate site in the upwind direction and the entrance of the site will be blocked to prevent any unnecessary personnel from entering. The emergency response plan will then become in affect, this plan specifies the roles and responsibilities of onsite personnel in case of an emergency. It also addresses emergency notification of potential affected residents and public response personnel.

6.3 Personal Protective Equipment (PPE)

The following personal protection equipment will be available and in use as needed on location:

Hardhats
Safety Shoes
Safety Glasses and/or Safety Goggles/Face Shields
Hearing Protection Earplugs
Work Gloves
Personal H2S Monitors
and SCBA Escape Packs (only as needed).

Ample supply of all PPE items will be utilized and available for all personnel and any visitors.

In the event that other hazards are identified or presented during the drilling operation, we will attempt to eliminate the hazard, and if not practical, additional PPE will be provided to mitigate the risk of C_{ij} and C_{ij} worker.

7.0 Flaring

7.1 Size, Construction, and Length of Flare Line

The flare line will be a 2" diameter, steel line that extends a minimum of 100' from the well. A small diameter steel line will parallel the flow line and serve as the pilot to ignite the flare. The end of the kill

line will also be at the terminus of the flow line. The flare stack will be situated at least 100 from any wellhead and/or equipment at all times. The flare line may be anchored in a variety of ways depending on the site conditions. This could include, but is not limited to, metal stakes with safety caps, cross pinning, concrete weight blocks, etc.

7.2 Flare Lighting

The system for lighting the flare will be ¼" pilot line fueled by propane. A flare gun will be used as a backup. Notification to the local fire department prior to lighting the flare will be given immediately if practicable and as soon as possible thereafter.

7.3 Flare Operation and Minimum Distances

All gas diverted through the flare line will be burned. The local fire department will be notified of the intent to flare. All flammable material beyond the end of the flare line will be cleared to a minimum distance of 100ft.

7.4 Flare Duration

The flare operations, upon ignition, will last approximately 14 continuous days per well drilled and completed.

8.0 Collision Avoidance

8.1 Scope of Work and Survey Techniques

Depending on the application, as outlined below, gyroscopic, mud pulse telemetry or electromagnetic telemetry tools will be utilized to maintain quality control and assurance of our well paths. Gyroscopic surveys will be run inside casing or drill pipe in 100' increments prior to picking up any directional bottom hole assembly. When drilling in an area with high magnetic interference or in critical areas, a gyroscopic muleshoe may be utilized to help steer. The Gyro company's muleshoe tool may be used to ensure it seats properly and its surveys are accurate. In addition, when using this muleshoe, the onsite company representative, directional driller, and gyro company representative will scribe and confirm the alignment and orientation of the tool. This ensures the tools are orientated consistent with the directional motor's high side and the azimuthal direction is accurate according to the survey results. During any nudge, curve or lateral drilling MWD or LWD tools will be utilized to steer and confirm placement in the well path. The directional company will provide real-time anti-collision monitoring based on surveys of existing offset wells prepared by the Drilling Engineer or Geology department.

Established Definitions:

- 1) Proposed Wellbore Involves sections of the vertical top-hole, the KOP, the lateral landing, and the lateral drilling to the total measured depth TMD.
- 2) Nudge Technique generally used in the vertical top-hole section. The well path is nudged from vertical to pass areas of possible magnetic interferences and to reduce the risk of collision by maintaining separation with other wellbores.
- 3) KOP Kick off Point. Diverting a well path from one trajectory to another.

- 4) MWD Measurement While Drilling.
- 5) LWD Logging While Drilling.
- 6) SF Separation Factor or Clearance Factor:

 $SF* = CC \div [URref + URoff]$

CC - well separation distance (center to center of wellbores)

URref - radius ellipse of uncertainty on reference well

URoff - radius ellipse of uncertainty on offset well

Note: ellipses are half-axes or radii.

*Calculation options may be considered

- 7) TMD Total Measured Depth.
- 8) Gyro High accuracy well bore survey instrument unaffected by magnetic interference.
- 9) QC / QA Quality Control and Quality Assurance.
- 10) HSE Health Safety and the Environment.

Established Descriptions of Risk:

- 1) SF \leq 1.0 Level 1 Extreme collision risk
- 2) SF = 1.0 to 1.5 Level 2 High collision risk
- 3) SF = 1.5 to 2.0 Level 3 Moderate collision risk
- 4) SF > 2.0 Level 4 Low to no collision risk

8.2 Surface Design Precautions

Well surface locations will typically be spaced 20' from one another on new multi-well pads. When a rig returns to a pad with an existing producing well(s), the new well(s) surface locations will be spaced at least 100' from the existing producing well(s), unless below grade production cellars are being utilized. A full review of offset wells within the project lease boundary will be prepared for the drilling engineer by the geology department. Any offset well that has a Separation Factor (SF) less than 2.0, or is within 500' of the planned wellpath, or intersects the planned well's target formation, will require a gyro or certified survey data. If the data is not available, then the production department will perform a wireline gyro on the existing offset well prior to drilling. The desired well path will be designed with SF greater than 1.0 at all times, if possible, and the surveying tools utilized will be calibrated prior to "o Gas Environmental Protection each use following the API & manufacturers' specifications.

8.3 Vertical and Lateral Drilling Precautions

The directional drilling service contractor & the operating company representative onsite will monitor real time separation distances and disclosure trends while drilling. If the SF approaches 1.5, a remote anti-collision team, provided by the service contractor, will monitor real time disclosure distances to prevent human error by any one person. A phone call will be made to the operator's field Superintendent and the Drilling Engineer. An email from the service contractor will confirm that the remote anti-collision is now involved and monitoring surveys in real time.

At any time while drilling, if the SF is less than 1.0, control drilling will be implemented until SF is greater than 1.0. The Oil and Gas Inspector will be notified via email or phone call to be made aware. While control drilling, survey stations shall be no more than but not limited to 30' apart by measured depth (MD) and when magnetic interference is a risk, a gyro tool will be utilized as a safety precaution to help steer the well path. Any change in tool or direction will be approved by the Directional Driller, operator's field Superintendent, Drilling Engineer, and service company's Directional Supervisor.

If an imminent risk for a collision should occur, the Oil and Gas inspector will be notified and given a proposal for remediation. In most applications, a cement kick plug will be set to a point safe enough to kickoff and resume drilling with a decreased threat of anticollision.

8.4 Additional Supportive Resources

All surveys and well plans will be corrected to true grid north utilizing the North American Datum of 1927 (NAD27). The directional company well planner and operator's Drilling Engineer will plot and approve all well plans prior to being drilled. All onsite directional and operator representatives will verify correctness of well plan prior to drilling, as well.

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APR 6 2018

Environmental Protection



Gyro Steering Muleshoe Scribe Verification

This document is intended to show multiple levels of visual confirmation during the BHA make-up, that the muleshoe high side and scribe are aligned. This alignment will confirm the azimuthal direction is accurate in the survey stations while gyro steer drilling.

Well Name:	
API#:	
Rig:	
Operator Representative:	Date:
Gyro or MWD Representative: Company:	Date:
Directional Driller: Company:	Date:



9.0 Notification and Protection Zones

9.1 Notification

In an emergency which requires the notification of residents and emergency personnel that may be affected during drilling activity, the emergency response plan will be immediately implemented. This plan specifies the roles and responsibilities of onsite personnel in case of emergency and addresses emergency notification of potentially affected residents and public emergency response personnel.

In the event that response personnel and/or residents need to be notified, the preferred method is by telephone. If no telephone number is available or if anyone is not able to be reached by phone, they will be contacted and notified in person.

All CNX Gas HAZWOPER trained at the first responder operations level shall be notified.

A list of Potentially Affected Parties, if applicable, is in the Appendix. This is a tabulation of all businesses, residence, schools within a one mile radius. This represents the current owners of record as recorded in the courthouse.

9.2 Protection Zones

Should the need for designated protection zones arise as a result of certain events, they will be established as appropriate. These protection zones will be established by evaluating the hazard, conditions, circumstances, potential impacts, and available guidance (such as the DOT Emergency Response Plan, available MSDS, etc.) to determine the best course of action.

Office of Oil and Gas

APR 6 2018

Environmental Protection

Appendix

Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

API	NO. 4709/28/2018
	OPERATOR WELL NO. WOTNSBHSU
	Well Pad Name: WDTN5

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

1) Well Operate	or: CNX Gas C	ompany LLC	494458046	Monongalia	Battelle	Wadestown
			Operator ID	County	District	Quadrangle
2) Operator's W	Vell Number: WI	DTN5BHSU	Well Pa	nd Name: WDT	N5	
3) Farm Name/	Surface Owner:	Wise	Public Ro	ad Access: CR	6 Wise Ru	n
4) Elevation, cu	arrent ground:	1400 E	levation, proposed	l post-constructi	on: 1389	
5) Well Type	(a) Gas X	Oil	Uno	derground Stora	ge	
	Other					
	(b)If Gas Sha	llow	Deep	X		
	Hor	izontal X			10	4/4/2018
6) Existing Pad	: Yes or No No			-Mayned	The V	4/4/2011
			cipated Thickness I formation pressure		ressure(s):	
8) Proposed To	tal Vertical Depti	h: 13,565' (at pi	lot hole / Trenton),	13,335' (at prod	ucing forma	ation / Point Pleasant)
9) Formation at	t Total Vertical D	epth: Pilot-Tre	nton, Producing-l	Point Pleasant		
10) Proposed T	otal Measured De	epth: 19,825'				
11) Proposed H	Iorizontal Leg Le	ngth: 6,067'				
12) Approxima	te Fresh Water St	trata Depths:	125', 1070'			
13) Method to	Determine Fresh	Water Depths:	Depth of bit when wa	ater shows in flowli	ne or depth	when misting is required
14) Approxima	te Saltwater Dept	ths: 2180', 262!	5'			
15) Approxima	te Coal Seam De	pths: 709', 970'	, 1,058', 1,063'			
16) Approxima	te Depth to Possi	ble Void (coal m	ine, karst, other):	None anticipa	ted	
	osed well location ng or adjacent to		Yes	No	X	
(a) If Yes, pro	ovide Mine Info:	Name:				
		Depth:				Offic RECEIVE
		Seam:				App App
		Owner:				6 2018
						Environmental Protection

API NO. 47-	-00/20/2010
OPERATOR '	- <mark>09/28/2018</mark> WELL NO
	ame: WDTN5

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	26	N	L/S	99.0	129	100	CTS 122CF
Fresh Water	18.625	N	J-55	87.5	1409	1380	CTS1724CF
Coal	18.625	N	J-55	87.5	1409	1380	CTS 1724CF
Intermediate	13.375	N	J-55	61.0	3084	3055	CTS 2190CF
Intermediate	9.625	N	P-110	43.5	11989	11960	TOC@2855, 2859CF
Production	5.5	N	Q-125	23.0	19854	19825	TOC@7500, 2930CF
Tubing	2.375	N	J-55	4.7			

Liners N/A

Hayne & Kuth 4/2/2018

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	26	30	0.375	N/A	N/A	Type 1	1.18
Fresh Water	18.625	24	0.435	2250	<500	Class A	1.19
Coal	18.625	24	0.435	2250	<500	Class A	1.19
Intermediate	13.375	17.5	0.430	3090	<2475	Class A	1.19
Intermediate	9.625	12.25	0.435	8700		Class A	2.03 / 1.24
Production	5.5	8.5	0.415	16500	~12500 during frac	2.7	1.24
Tubing	2.375	N/A	0.190	7700	N/A	N/A	N/A
Liners	N/A						

PACKERS

Kind:	n/a	
Sizes:		Office of CVED
Depths Set:		APR 6 2018
		Environmental protection

WW-6B
(10/14)

API NO. 47 <u>09/28/2018</u>	API
OPERATOR WELL NO. WDTN5BHSU	
Well Pad Name: WDTN5	

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Construct well pad and access road. Utilize conductor rig to set 26" conductor into solid rock and cement back to surface. MIRU drilling rig. Air drill 24" hole. Run and cement 18-5/8" fresh water/coal 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 17-1/2" hole. Run and cement 13-3/8" 1st intermediate casing. Air drill 12-1/4" hole (this section is typically directionally drilled with a slant or S-turn profile for anti-collision and for lateral spacing). Displace hole with 12.5 ppg SOBM. Run and cement 9-5/8" 2nd intermediate casing. Drill 8-1/2" vertical pilot hole to core point. Cut whole core. Drill logging rathole. Open hole log well. Plug back with cement from pilot hole TD to curve KOP. Sidetrack 8-1/2" production hole off cement plug. Drill 8-1/2" curve from KOP to landing point. Plan to land with 14.0-14.5 ppg SOBM. Continue drilling 8-1/2" lateral to TD (geosteer this section to remain in target window). Perform clean-up cycle to condition well. Run and cement 5-1/2" production casing. Suspend well and skid to next well or RDMO drilling rig.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Run CBL to ~60 degrees in the curve and back to surface to determine production casing TOC. Test production casing and toe prep well. MIRU stimulation/hydraulic fracturing equipment. Fracture well by pumping required number of stages utilizing plug-and-perf method. Max anticipated treating pressure is ~12,500 psi and max anticipated treating pump rate is 80-90 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): 46.90
- 22) Area to be disturbed for well pad only, less access road (acres): 5.4
- 23) Describe centralizer placement for each casing string:

Fresh water/coal string: centralize shoe joint and every 3rd joint to surface - utilize bow spring centralizers. Intermediate strings: centralize shoe joint and every 3rd joint to surface and/or TOC - utilize bow spring centralizers. Production string: centralize every joint from shoe to KOP and then every 3rd joint from KOP 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. 1st intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. 2nd intermediate string: Class A cement, lead and tail with dry blend and/or liquid additives. Production string: Class 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:

Top hole 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 12-1/4" hole - load hole with 12.5 ppg SOBM and circulate hole clean. 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 flowrate with max rotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrotation until the shakers clean-up (typically requires multiple bottom: arrot

*Note: Attach additional sheets as needed.

Environmental protection Page 3 of 3

WDTN5 Cement Additives

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



DRILLING WELL PLAN

WDTN-5B-HSU (Utica HZ)

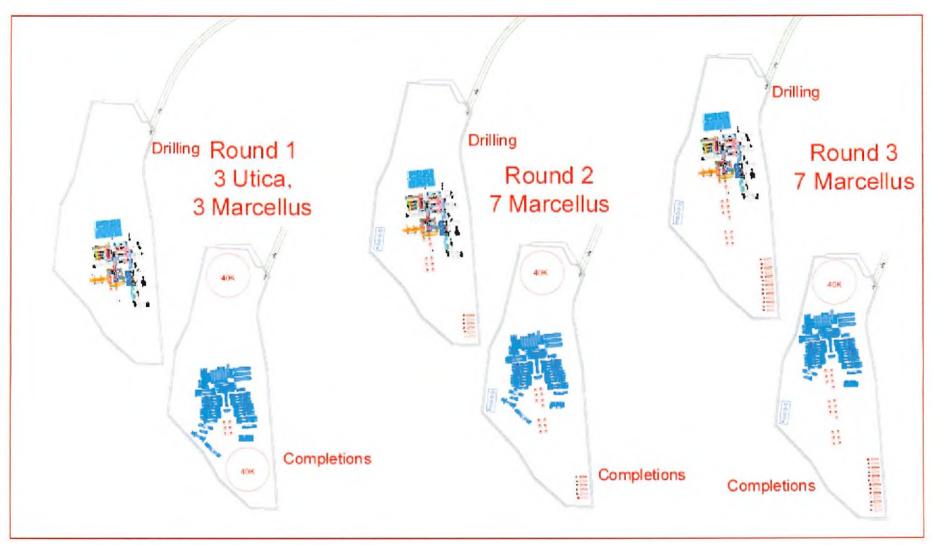
Utica Shale Horizontal with Pilot Hole

Monongalia County, WV

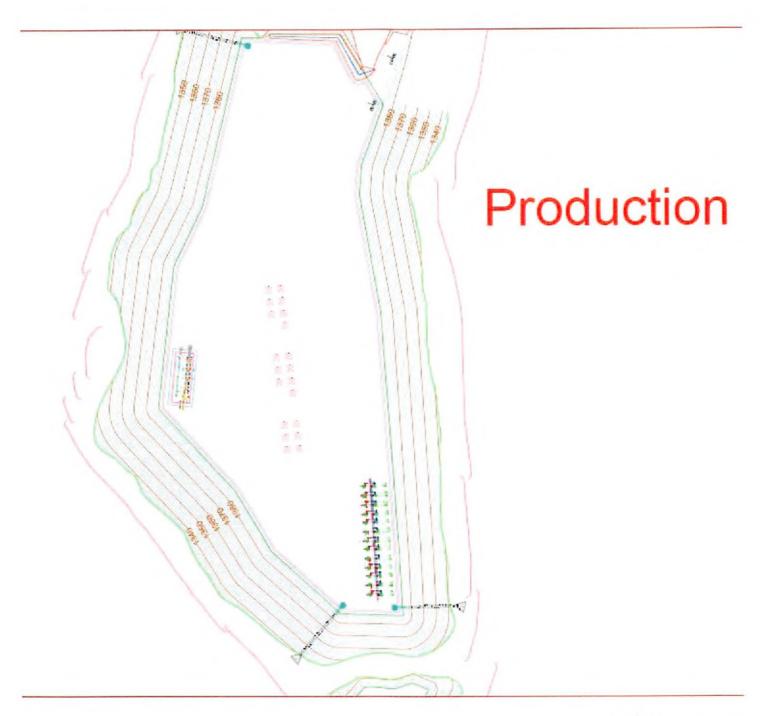
						WD	TN-5R-I	HSU SHL	N 440	530.83, E 1764427	.45 (NAD27)	
ound Elevatio	n		1390' GL E	levation			Carl Comment				ALTERNATION OF THE REAL PROPERTY.	
Control of the Contro			WDTN-5B-HSU LP WDTN-5B-HSU BHL				N 441192.52, E 1764271.45 (NAD27)					
Azimuth				315°			1000		N 445481.67, E 1759982.31 (NAD27)			
VELLBORE DIAGRAM		HOLE	CASING	GEOLOGY	MD	TVD	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS	
		30"	26" L/S	Conductor	100	100	AIR	To Surface	N/A	N/A	Stabilize surface fill/soil	
				Shallowest Fresh Water		125			O T CHAN		Set through FW & coal zones	
			18-5/8" 87.5#	Waynesburg 1 Coal		709	AIR/	15.6 ppg Class A 20% OH Excess	Centralize every 3rd	Ensure the hole is clean at	Cemented to surface	
		24"	J-55 BTC	Pittsburgh Coal		1063	FW Mist	Yield = 1.19	joint from shoe to surface (bow spring)	section TD	18-5/8" shoe NOT to be set	
				FW/Coal Casing	1380	1380		TOC @ surface	, , , , , , , , , , , , , , , , , , , ,		deeper than ground level	
				Big Lime	7	2475		V. No. 100 (1)			Set through potential salt water zones Cemented to surface Casing to be set ~200'-250' below the Big Injun base	
		12.042	13-3/8" 61.0# J-55 BTC	Big Injun		2565	AIR/	15.6 ppg Class A 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface (bow spring)	Soap the hole as needed and ensure the hole is clean at section TD		
		17-1/2"		Price		2805	Soap					
				1st Intermediate Csg	3055	3055						
	'		9-5/8" 43.5# P-110 LTC	Gordon		3390		Lead:12.5 ppg Class A Yield = 2.03 TOL @ >= 200' above 13-3/8" shoe	Centralize every 3rd joint from shoe to TOC (bow spring)			
		10 1 17		Elks		5165				to running casing	Note: For all strings, actual	
				Tully		7530						
				Marcellus	- 7	7670						
88	- 1	12-1/4"		Onondaga		7740		Tail:15.2 ppg Class A				
88 88				Salina		8620	AIR / Brine	Yield = 1.24 TOT @ ~1000' above 9- 5/8" shoe				
				Lockport		9365	Dille					
				Tuscarora		10590		10% OH Excess		Displace cement with SOBM		
				Queenston		10840				SOBINI		
		11 ()		Reedsville		11860		TOC @ >= 200' above 13-3/8" shoe				
5				2nd Intermediate Csg	11960 11960		13-3/6 31106					
125	0	VIOLE A	53.005.00	Utica		13130	200	15.6 ppg Class H	Centralize every joint		ax flowrate with max rotation unti	
Top PR	Office	8-1/2" Curve & Lateral	5-1/2" 23.0# Q-125 VAR	Point Pleasant		13270	14.0-14.5 ppg SOBM	10% OH Excess Yield = 1.24	from shoe to KOP (single-piece/rigid bow		lly requires multiple bottoms-up). g, circulate a minimum of one hol	
190	90	o Lateral	Q-125 V/A	Production Casing	19825	13335	рру ооди	TOC @ ~7500'	centralizers)	volume prior to pumping cement.		
APR 6 2018 Environmental Protection		- 13335' TVD		8-1/2" Hole 5-1/2"	- Cement 23.0# Q-				+/- 60	067" Lateral	TD @ +/- 13335' TVD	
3		16.50		Lexington		13345	L.	Plug back with cement				
		8-1/2" Pilot Hole	Not Cased	Trenton		13440	14.0-14.5	from pilot hole TD to				
XI		Hole	7.01.0000	Pilot Hole TD	13565	ppg SOBW	curve KOP					

Depth from Ground Elevation			Coal Seam Thickness	Minable Coal	General Rock
(TVD)	Formation		(FEET)	Seam	Туре
	Soil and Rock				Top Soil and Rock
428	Zones of Potential circulation loss	WATER			
591	Deepest Water Well Depth (within 2500')	WATER			
704	Waynesburg 2		0.95	no	
709	Waynesburg 1		3.24	yes	
970	Sewickley Coal		6.18	yes	Coal
1058	Roof Coal Zone		4.2	yes	9
1063	Pittsburgh Coal		7.34	yes	
1070	Possible Water Expected	WATER			
1530	Brush Creek Coal		0.76	no	
1643	Upper Freeport Coal		1.56	no	
1681	Lower Freeport Coal		1.47	no	_
1745	Upper Kittanning Coal		1.18	no	Coal
1853	Lower Kittanning Coal		0.98	no	O
1903	Clarion		1.55	no	
1973	Brookville Coal		0.1	no	
2475	Big Lime				Limestone
2565	Big Injun	ø			Sand
2805	Price Formation	Thief Zone			Shale
3255	50 Foot	Ň			Sandstone
3390	Gordon	ē			Sandstone
3515	Fifth	£			Sandstone
3565	Bayard				Sandstone
5165	Elk				Siltstone
7145	Rhinestreet				Grey Shale
7360	Cashaqua				Shale
7505	Burket				Black Shale
7530	Tully				Limestone
7565	Hamilton				Grey Shale
7670	Upper Marcellus				Black Shale
7705	Purcell				Limestone
7710	Middle Marcellus				Black Shale
7720	Cherry Valley				Limestone
7725	Lower Marcellus	пе			Black Shale
7740	Onondaga Limestone	High Pressure and Volume			Limestone
8005	Oriskany Sandstone	8			Sandstone
8090	Helderberg Limestone	2			Limestone
8620	Salina	<u>m</u>		-	Salt
9365	Lockport Dolomite	ire			Dolomite
10040	Rochester Shale	SS			Grey Shale
10590	Tuscarora Sandstone	ĕ			Sandstone
10840	Queenston Shale	9			Red Shale
11860	Reedsville Shale	ig			0 01 1
13125	Utica Shale	I			Grey Shale Office RE
13245	Point Pleasant				Disak Chala
13325	Lexington Limestone				Limestone Limestone
13365	Trenton Limestone				Limestone Environmental

^{**}No Saltwater or Hydrogen Sulfide is expected**



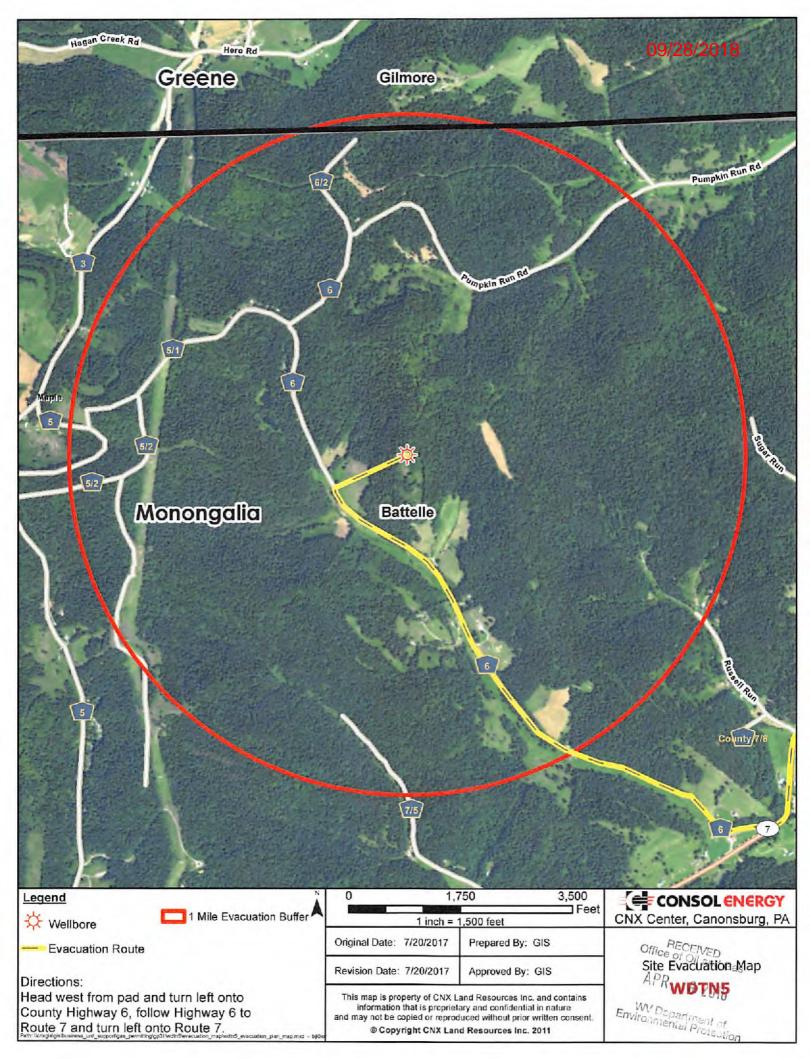




Office of Oil and Gas

APR 6 2018

Environmental Protection



DRIVING DIRECTIONS FOR CNX WDTN5IHSM WELL SITE

From interstate 79 North in WV, take exit 1 toward Mt Morris.

Turn left onto Bald Hill Road/Locust Ave/T865, 0.6mi.

Slight right onto T329/Wades Run Road, 300 feet.

Turn left onto Buckeye Road (entering WV), 3.7 mi.

Turn right onto WV-7 W, 13.9 mi.

Turn right onto Stewarts Run/Wise Run, 1.5 mi.

Entrance to well site on Right

NEAREST FIRE STATION:

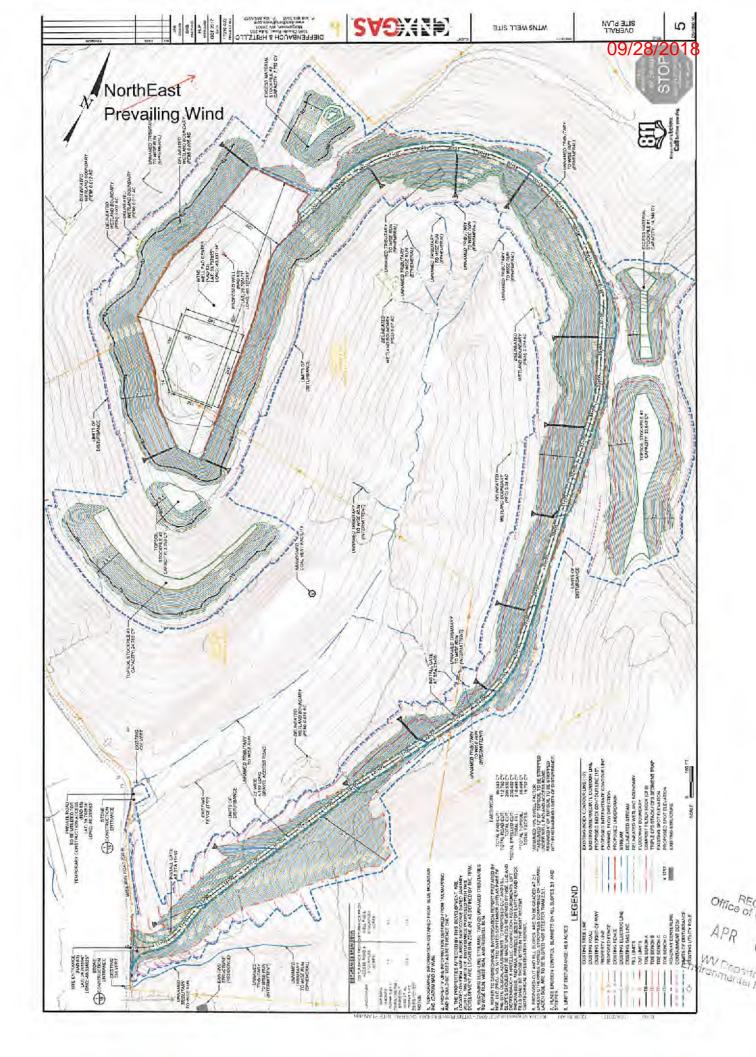
Wadestown Fire Department

Mason Dixon Highway

Wana, WV 26590

(304) 662-6331





09/28/2018

Landowners within 1 mile

tax_id	owner	ADDR	CITY	County_Name	STATE	ZIP	acres
09-04-0106	JOHNSON CHARLES W ET UX		NEW FREEPORT NEW	Greene	PA	15352	40.675427
09-04-0107	THOMAS DENNIS ET UX		FREEPORT NEW	Greene	PA	15352	3.848145
09-04-0108	SHOUGH JAMES LEON ET AL		FREEPORT	Greene	PA	15352	86.292451
1/2/2016	GROJEAN GALE D & MELBA L	WHITE CREEK	WANA	Monongalia	wv	26590	5.153968
1-2-16.2	HARRISON DELORES J	DUNKARD CREEK	BURTON	Monongalia	wv	26562	48.3988
1/2/2017	BARNHOUSE THOMAS M		BURTON	Monongalia	wv	26562	40.236308
1-2-17.1	MORGAN FREDERICK JR & PATRICIA	DUNKARD CREEK	BURTON	Monongalia	wv	26562	2.300925
1/2/2018	HALL ROY LEE JR & ERICA E	BRUSHY FORK RD	BURTON	Monongalia	wv	26562	6.085001
1-2-18.1	HALL LEONARD E & PRINCESS BETH	WHITE CREEK	BURTON	Monongalia	wv	26562	14.138319
1/2/2020	HALL ROY L	WHITE CREEK	BURTON	Monongalia	wv	26562	34.453886
1/2/2021	HALL ROY L	WHITE CREEK	BURTON	Monongalia	wv	26562	16.591206
1/2/2022	MT TABOR CEMETERY	ROUTE 5/1	WANA	Monongalia	wv	26590	3.066068
1/2/2023			WANA	Monongalia	wv	26590	1.45701
1/2/2024	MT TABOR M E CHURCH	ROUTE 5/1	WANA	Monongalia	wv	26590	0.80564
1/3/2001	CONSOLIDATION COAL COMPANY		BURTON	Monongalia	wv	26562	26.833408
1/3/2001	STILES CLARK DONLEY		BURTON	Monongalia	wv	26562	26.833408
1-3-1.1	SOLOMON CYNTHIA TAYLOR JAMES EDWARD & EARL	ROUTE 1 WANA 1023 PUMPKIN	BURTON	Monongalia	WV	26562	0.752988
1/3/2010	LYNN	RUN RD	WANA	Monongalia	wv	26590	33.698948
1/3/2011	CONSOLIDATION COAL COMPANY TAYLOR JAMES EDWARD & EARL	PUMPKIN RUN 1023 PUMPKIN	WANA	Monongalia	WV	26590	30.267327
1/3/2014	LYNN TAYLOR JAMES EDWARD & EARL	RUN RD 1023 PUMPKIN	WANA	Monongalia	WV	26590	95.714419
1-3-15.1	LYNN	RUN RD	WANA	Monongalia	wv	26590	96.82141
1/3/2002	CONSOLIDATION COAL COMPANY VOLK FRANK W SR MARITAL TRUST &	DUNKARD CREEK	BURTON	Monongalia	WV	26562	83 <u>.</u> 0675
1/3/2003	FRANK W VOLK SR NO	ROUTE 1 WANA	BURTON	Monongalia	WV	26562	1.08675
1-3-3.1	MACYDA STEVEN M TAYLOR JAMES EDWARD & EARL	ROUTE 1 WANA 1023 PUMPKIN	BURTON	Monongalia	WV	26562	14.634746
1/3/2004	LYNN	RUN RD	WANA	Monongalia	WV	26590	51.907506
1/3/2005	THOMAS DENNIS & ROSE	ROUTE 1 WANA	BURTON	Monongalia	wv	26562	42.948853
1/3/2006	THOMAS DENNIS & ROSE	ROUTE 1 WANA	BURTON	Monongalia	WV	26562	39.258539
1/3/2007	SHOUGH JAMES LEON TAYLOR JAMES EDWARD & EARL	ROUTE 1 WANA 1023 PUMPKIN	BURTON	Monongalia	WV	26562	21.081274
1/3/2008	LYNN TAYLOR JAMES EDWARD & EARL	RUN RD 1023 PUMPKIN	WANA	Monongalia	WV	26590	80.137351
1/3/2009	LYNN ARELIEART HENRY MAR & LYNDA AA	RUN RD	WANA	Monongalia	WV	26590	89.056912
1/8/2001	AREHEART HENRY W & LYNDA M	ROUTE 1	WANA	Monongalia	WV	26590	13.246159
1-8-1.1	NEELY GARY L & ARLENE ANN	WADESTOWN	BURTON	Monongalia	wv	26562	63.126874
1-8-1.2	DEATON DAVID W & ELIZABETH K THOMAS EDWARD L, DAVID WAYNE	DUNKARD CREEK	WANA	Monongalia	WV	26590	26.170619
1-8-1.3	& DOROTHY L STEWART	DUNKARD CREEK	WANA	Monongalia	WV	26590	21.04428
1-8-1.4	AREHEART HENRY W & LYNDA M		WANA	Monongalia	WV	26590	2.347431
1-8-1.5	NEELY GARY L & ARLENE ANN	WISE RUN RD	WANARECEIV	_{ED} Monongalia	WV	26590	0.949482
1/8/2011	DEBERRY CHESTER E & BARBARA J	ROUTE 1	WANA of Oil	and Gas Monongalia	WV	26590	88.799872
1/8/2012	SHRIVER BARBARA S	70 WISE RUN RD	WAMAR 6	2014Jonongalia	WV	26590	55.250841

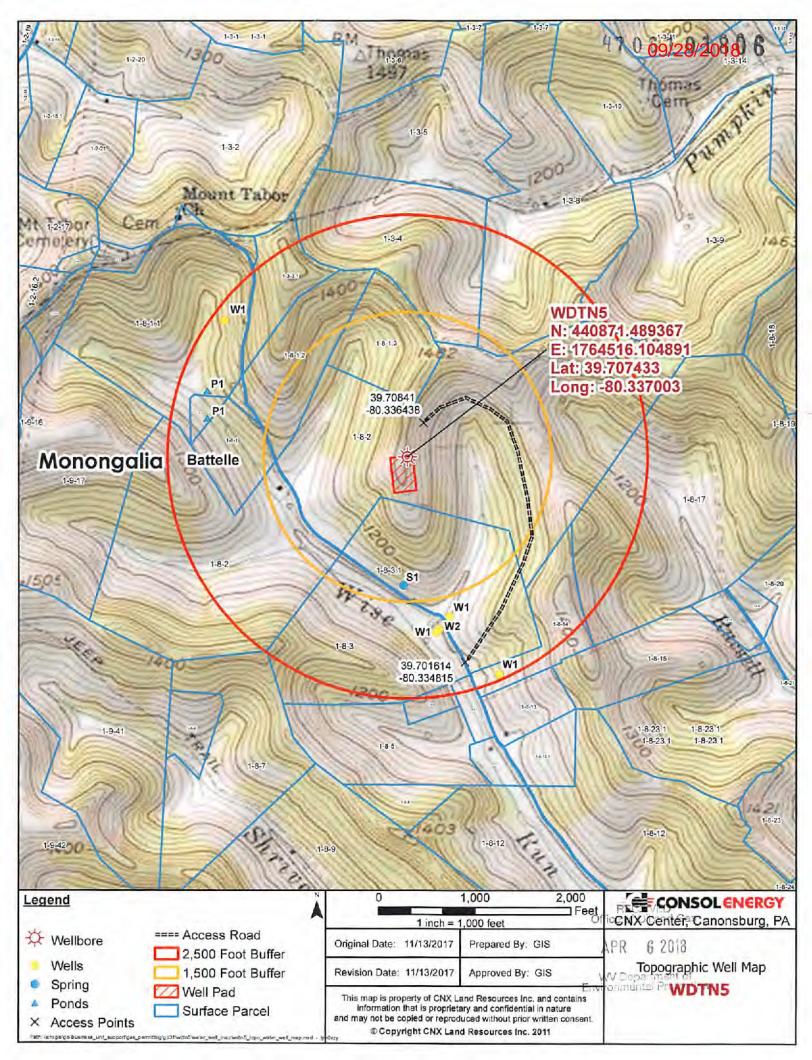
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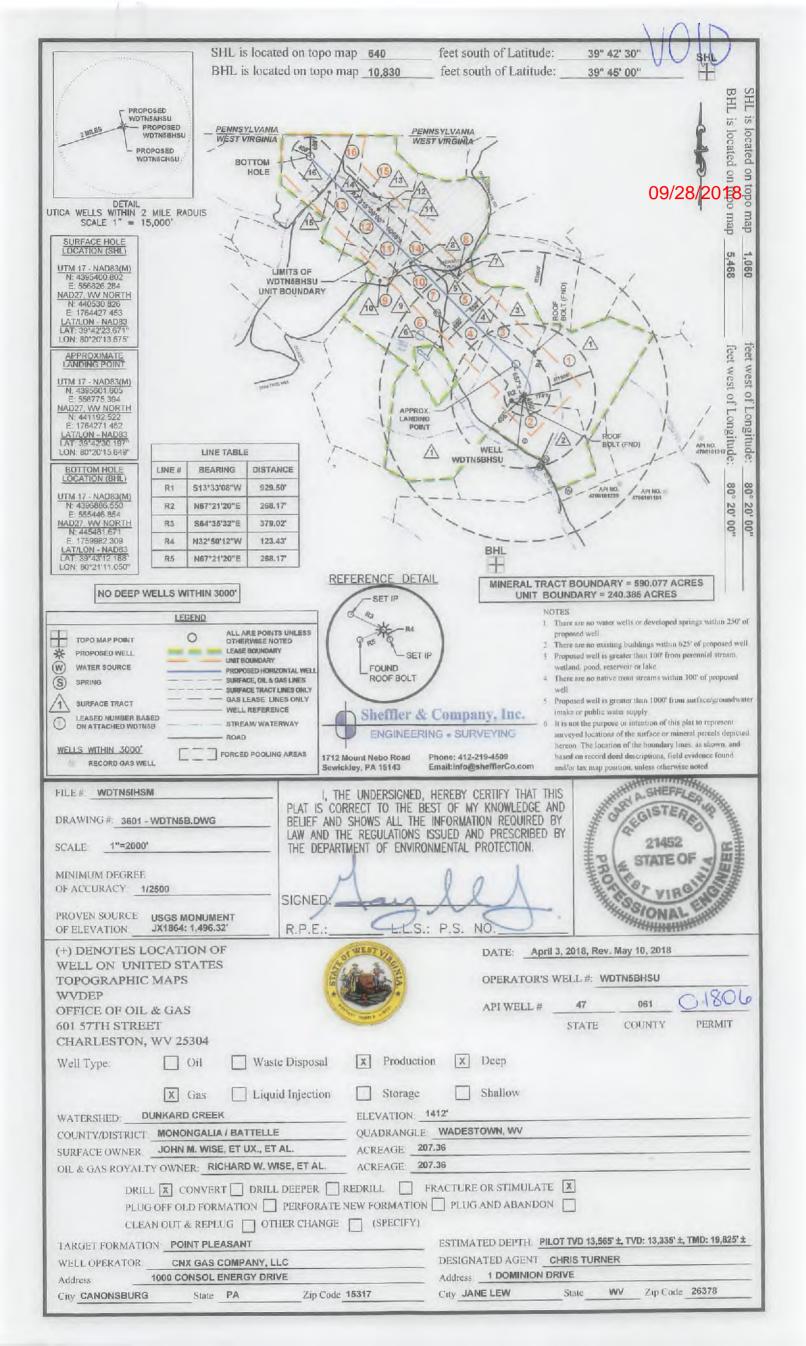
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1/8/2012	SHRIVER BARBARA S	70 WISE RUN RD	WANA	Monongalia	wv	/ <mark>28/2</mark> 0 26590	69.6997
1-8-12.1	SHRIVER BARBARA S & GREGORY L	271 WISE RUN RD	WANA	Monongalia	WV	26590	1.000452 ⁻
1/8/2013	AMMONS DAVID M & JESSICA L	ROUTE 1	WANA	Monongalia	WV	26590	10.220292
1-8-13.1	AMMONS DAVID M & JESSICA L	462 WISE RUN RD	WANA	Monongalia	WV	26590	9.197755
1/8/2014	EFAW DONALD A & AMY BETH	497 WISE RUN RD	WANA	Monongalia	WV	26590	17.273808
1/8/2015	RUSSELL DEWEY & BEATRICE EST	DUNKARD CREEK	WANA	Monongalia	WV	26590	26.504615
1/8/2016	STEWART BETTY	ROUTE 1	WANA	Monongalia	wv	26590	4.643445
	HOLMES LENA DENICE & DONRA JEAN				1407	26500	2 242026
1-8-16.1	WILLARD NICHOLSON BRIAN Z, WILLIAM T &	DUNKARD CREEK	WANA	Monongalia	WV	26590	3.242026
1/8/2017	KENNETH R JR	ROUTE 1	WANA	Monongalia	wv	26590	108.688605
1/8/2018	CONSOLIDATION COAL COMPANY	WANA	WANA	Monongalia	wv	26590	64.841967
• •	CONSOLIDATION COAL COMPANY &						
1/8/2019	ET AL	ROUTE 1	WANA	Monongalia	wv	26590	53.187659
1/8/2002	WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE	ROUTE 1 WANA	WANA	Monongalia	wv	26590	140.720517
1/0/2002	WISE DINA M ET AL & (LIFE ARTHUR D	NOOTE I WANA	VVIV	Wonongana	***	20000	110.720327
1/8/2002	& OPAL JANE	ROUTE 1 WANA	BURTON	Monongalia	WV	26562	89.387371
1/8/2020	LYTLE KENNETH W	ROUTE 1	WANA	Monongalia	WV	26590	34.36836
. 10 1000.	KIRBY TROY EDWARD & BARBARA	4.40 01/665/1 01/01			1407	26500	10 401703
1/8/2021	ANNE WILSON JACKIE L, LARRY A & SHARON	149 RUSSELL RUN	WADESTOWN	Monongalia	WV	26590	18.481783
1/8/2023	E WILSON LEMLEY	DUNKARD CREEK	WANA	Monongalia	wv	26590	30.210617
1-8-23.1	HOSTUTLER BONNIE R	DUNKARD CREEK	WANA	Monongalia	wv	26590	49.631963
1-8-23.1	WILSON JACKIE	DUNKARD CREEK	WANA	Monongalia	WV	26590	49.631963
1-8-23.1	LEMLEY SHARON	DUNKARD CREEK	WANA	Monongalia	wv	26590	49.631963
1-8-23.1	WILSON LARRY	DUNKARD CREEK	WANA	Monongalia	wv	26590	49.631963
1/8/2003	WAGNER BARBARA	573 WISE RUN RD	WANA	Monongalia	wv	26590	48.095923
1-8-3.1	WAGNER BARBARA J	DUNKARD CREEK	WANA	Monongalia	wv	26590	45.782167
1/8/2004	EFAW KENNETH W & DONNA P	509 WISE RUN RD	WANA	Monongalia	wv	26590	3.069929
1/8/2005	EFAW KENNETH W & DONNA P	509 WISE RUN RD	WANA	Monongalia	wv	26590	31.982391
1-8-5.1	BARR NELSON E & VIRGINIA L	503 WISE RUN RD	WANA	Monongalia	wv	26590	3.342155
1-8-5.2	CARMAN MARGUERITTE K	459 WISE RUN RD	WANA	Monongalia	wv	26590	3.971234
1/8/2006	BARNHART MICHAEL L & VIRGINIA M	ROUTE 1	BURTON	Monongalia	wv	26562	8.291782
1/8/2007	BARNHART MICHAEL L & VIRGINIA M	ROUTE 1	BURTON	Monongalia	wv	26562	50.730123
1/8/2008	EFAW KENNETH W & DONNA P	509 WISE RUN RD	WANA	Monongalia	wv	26590	7.166514
1/8/2009	BARNHART MICHAEL L & VIRGINIA M	ROUTE 1	WANA	Monongalia	wv	26590	109.945499
	WHITE GLEN LOWELL & SHARRON &						
1/9/2016	RUTH WHITE BARTHOLOM	WHITE CRK	BURTON	Monongalia	wv	26562	46.284772
1/9/2017	CONSOLIDATION COAL COMPANY	BROWN RUN	WANA	Monongalia	WV	26590	66.854976
1/9/2018	CASSONE RICHARD J & LINDA ANN	BROWN RUN	BURTON	Monongalia	wv	26562	65.401598
1/9/1940	THOMAS DENNIS L & ROSE L	BROWN RUN RD	BURTON	Monongalia	wv	26562	11.609823
1-9-40.2	THOMAS DENNIS L & ROSE L	BROWN RUN RD 217 BLUE GOOSE	BURTON	Monongalia	WV	26562	12.469171
1/9/1941	PROVANCE REGIS V & BONNIE	RD	BURTON	Monongalia	wv	26562	77.056213
1/9/1942	THOMAS DENNIS L & ROSE L	BROWNS RUN	BURTON	Monongalia	WV	26562	68.508491
1/9/1944	PROVANCE REGIS V & BONNIE M	DUNKARD CREEK	BURTON	Monongalia	WV	26562	1.406055
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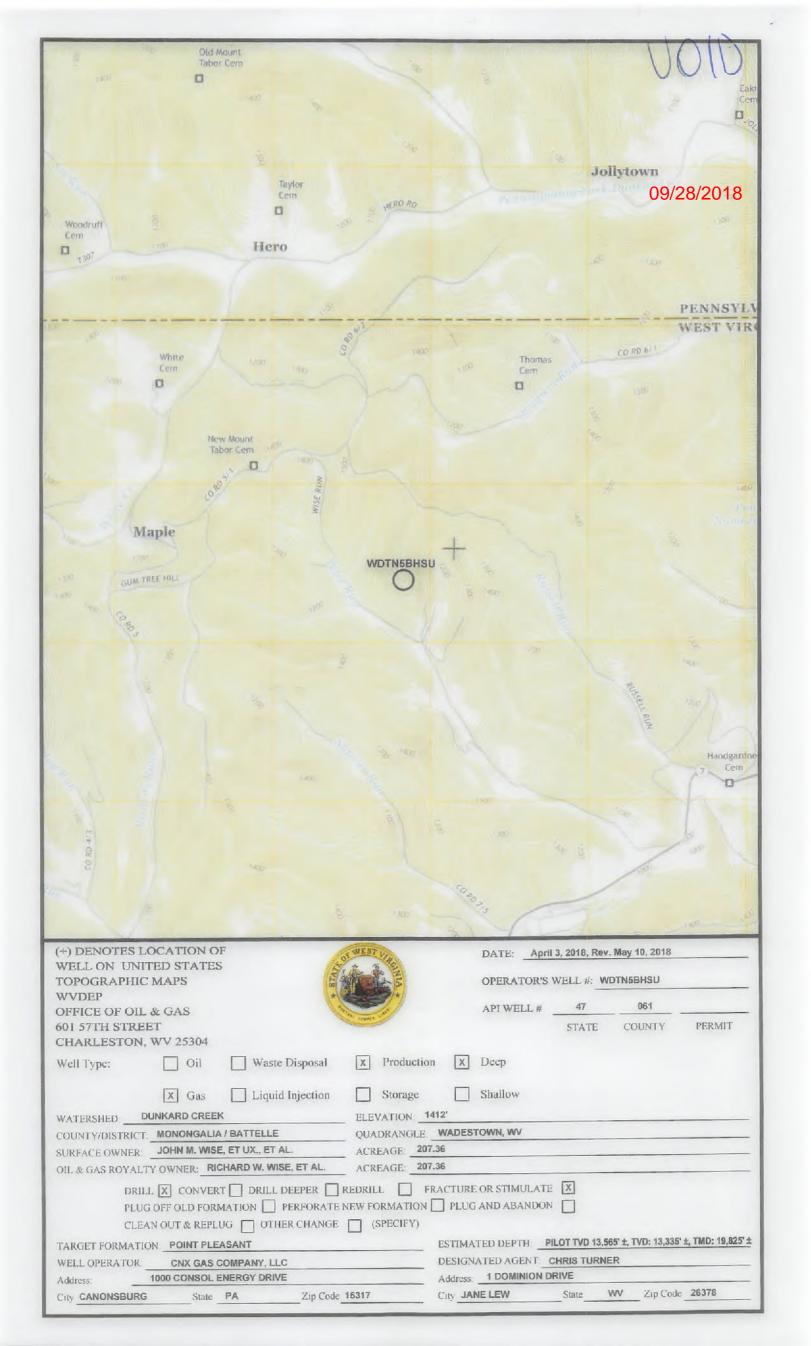
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APR 6 2018

WV Department of Environmental Protection







MINISTED PRINTED 1	WOTN5BHS	U UNIT = 240.385 ACRES TOTAL		Tract ID	Tax Map &	Grantor, Lessor, etc	Surface Owne	1
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## OCCUPATION CONTROL TOTAL TOTAL			TM# 1-8-3.1				1	
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1. Mary Associate Columnia 1. GAPT LA REMEMBER JOHN RELEY 1. TO 14-13 1. GORNOL MINIST COMPAYT LLC 1. TO 14-13 1. CORNOL MINIST COMPAYT LLC 1. TO 14-13 1. CORNOL MINIST COMPAYT LLC 1. MARCH STIMMS LLC	6. GA	RY L & ARLENE ANN NEELY	TM# 1-8-1.5				-	
19. GAPY LA ARBERT ANN RELY THAT 1-5 LT STORY CONTROL TO THE 1-5 LT STORY CONTROL TO T							-	
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12. ROY U.E. RK & BIRGAL (14-LL). 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-20 1 1704 1-2-10 1 1704 1-2-							1	
16. LECANDR EDWARD HALL SR TWA 1-2-12 I Warry Nursing Supplement and Domaid Stopeline John Interest Michael Control Stopeline Michael Control Mic	12. RC	Y LEE JR & ERICA E HALL	TM# 1-2-21			Patricia J. Mumaw and Richard L. Mumaw		
Mary Tribings Stagetons and Donates Superions Committee Commi						12 S. S. C.		1.0
Melistas Bibeland Images Michael, 31, and Barleten Ann Michael Globert Eugens Michael, 32, and Barleten Ann Michael Frank Dromin Michael, 32, and Mary Frances Michael Breythy James Michael Breythy James Michael	15. JA	SON BRIAN & LINDSEY R HALL					-	
Elleen Ann Lyle Control Eugens Michael Frank Dennis Michael							1	
Frank Denoms Michael J. and Many Frances Michael Evel Just Michael Evel Just Michael Brown Michael Tranya Christia Aib Tonya Chertina Aib Tonya Chertina Aib Tonya Chertina Aib Tonya L. Chertain Book Hawkins and Karl Justinian Beety Bortnick Hawkins and Karl Justinian Beety Bortnick Hawkins and Karl Justinian Justin							1	- 0
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Target Chemis and X-10 Target Chemis and X-10 Target Chemis and X-10 Target Section (A) Hawkins and Karl I Hawkins and Section (B) the Chemistry of the								
Boyd Hawkins and Kari J. Hawkins 2				1 -			-	
Besky Bottolick Rowkins 2 1-8-31 Bonate L. White, Individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert S. S							-	
Donald L. Willia, Individually and as agent for hiera. Jahrver, Rury L. Shriver, Robert A. Shriver, Robert A							1000	5.5.5
B. Shriver, Robert A. Shriver, Shamron R. Shriver, Shamron R. Shriver, And D. Coon, Harriet R. Rodeigner, Jack L. Shriver, Shamron R. Shriver, Jack L. White, Bashara Sue Shriver, Individually and as Trustee of the Shriver Promise Shriver, Individually and as Trustee of the Shriver Promise Shriver, Individually and as Trustee of the Shriver Promise Shriver, Individually and as Trustee of the Shriver Promise Shriver, Individually and as Trustee of the Annoted D. Anderson and Bashara J. Anderson Living Trust LTD May 14th, 2008 3 1-8-13 CDC Holdings, LLC				2	1-8-3.1			NER
Harriet R. Rodriguez, Jack L. Sarriver, (Wilmas S. Sherter, Linda L. White, Bathara Sue Shriver, Instituted was due Trustee of the Shriver Family Trust, and Gragery L. Shriver, Trustee of the Shriver Family Trust. Bathara J. Anderson and Bathara Sue Sharries of the Jack Joseph Sarries of S								220
Shriver, Trustee of the Shriver Family Trust Armold D. Anderson, individually, and as Trustee of the Armold D. Anderson and Barbara J. Anderson Living Trust UTO May 14th, 2008 CIG: Holdings, LLC Edward L. Thomas and Blans Lee Thomas Dorothy L. Stewart and Harold L. Stewart Jr. Earl W. Kennedy 4 1-4-12. CGG: Holdings, LLC David W. Expert Shriver 6 1-3-3-1. CGG: Holdings, LLC Steven M. Macyds Earl W. Kennedy 6 1-3-1. CGG: Holdings, LLC GG: Holdings, LLC Steven M. Macyds Earl W. Kennedy 7 1-5-1. CGG: Holdings, LLC Gary L. Reley and Arteen Neely Earl W. Kennedy 8 1-3-2. Steven M. Macyds Earl W. Kennedy 7 1-5-1. CGG: Holdings, LLC Gary L. Reley and Arteen Neely Earl W. Kennedy 8 1-3-2. Steven M. Macyds Earl W. Kennedy 9 1-2-22 Mit. Tabor Methodate Episcopal Charich Earl W. Kennedy 10 1-2-24 Mit. Tabor Methodate Episcopal Charich Earl W. Kennedy 11 1-3-2. David Charles White and Regina Sue White Lucy Mas Sticklery Marian B. Stone Carrett Patricis R. W. Holdstray Robert Tabor M. Raren I. Meyers Carol S. White Davis Earl W. Kennedy CNSOL MINING COM LLC Sheeffor & Company Inc.								
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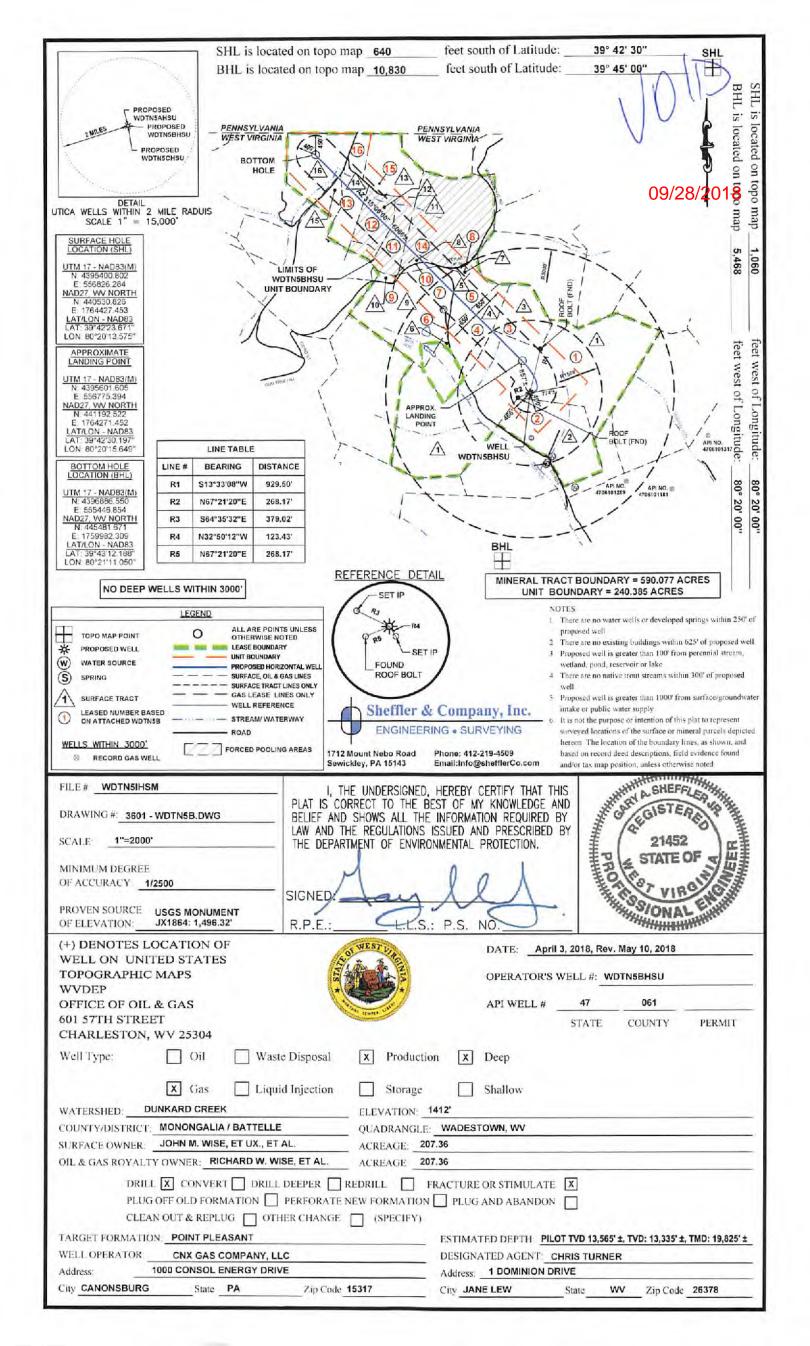
WVDEP 1712 Mount Nebo Road Sewickley, PA 15143 Phone: 412-219-4509 Email:Info@shefflerCo.com OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304 DATE: April 3, 2018, Rev. May 11, 2018 Oil Waste Disposal x Production Well Type: X Deep OPERATOR'S WELL #: WDTN5BHSU API WELL# 47 STATE 061 Liquid Injection X Gas Storage Shallow COUNTY PERMIT WATERSHED: DUNKARD CREEK ELEVATION: 1412' QUADRANGLE: WADESTOWN, WV COUNTY/DISTRICT: MONONGALIA / BATTELLE SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ± WELL OPERATOR: CNX GAS COMPANY

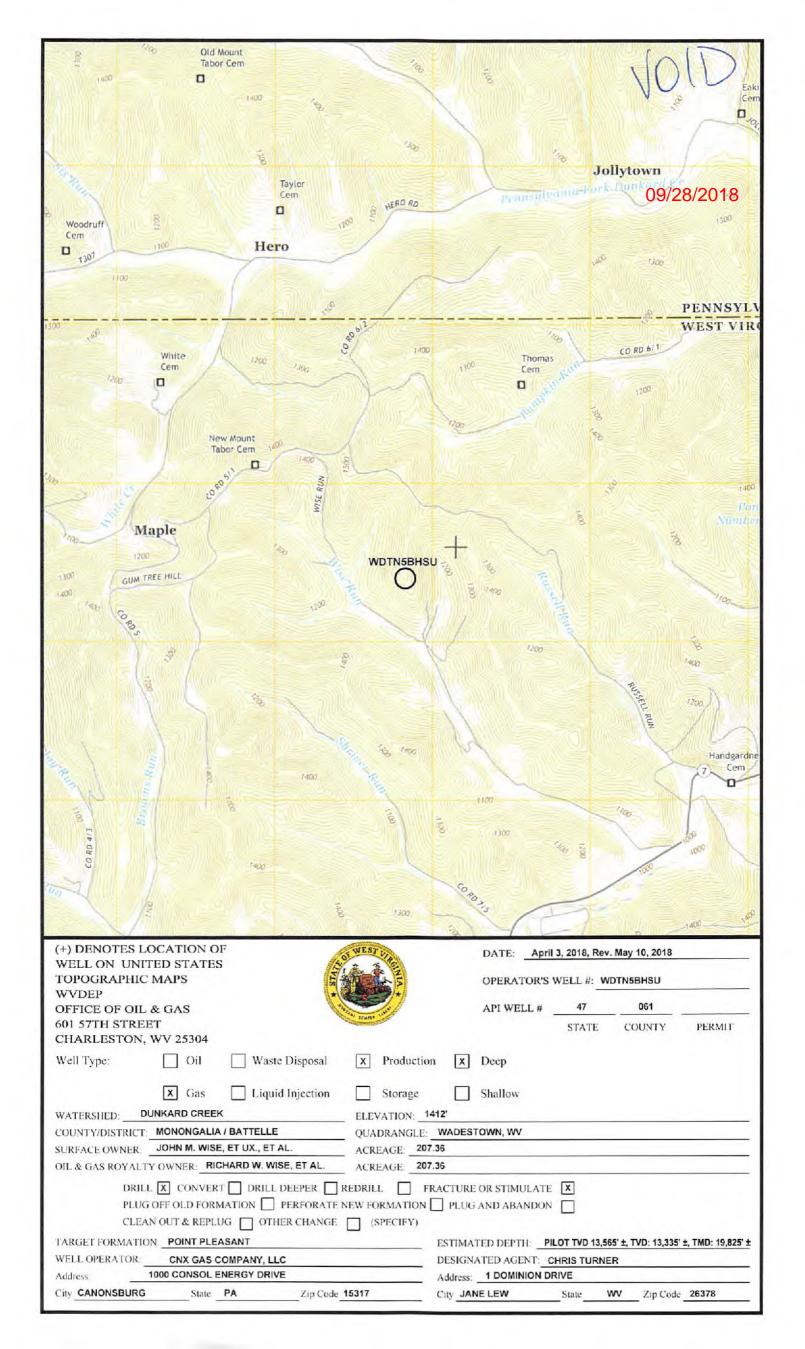
Address: 1000 CONSOL ENERGY DRIVE

PA DESIGNATED AGENT: CHRIS TURNER Address: 1 DOMINION DRIVE City CANONSBURG State PA City JANE LEW Zip Code 15317 State WV Zip Code 26378

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner	
11 (CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY	
		Jennifer Marie Carrington	LIC	1100
		Robert S. Elliot		
		Jane E. McIntyre and Glenn C. McIntyre]	
		Jan W. Ellison and Thomas A. Ellison		
		Marianne Ann Borkowski and Marc Borkowski	1	
		Edith B. White	- 1	
1111		Nancy Emerick	4	
1111		Betty Ann Reed	-	
1///		David Ray Stone	- 1	
1///		Donald E. Stone Doris Jean White	-	
		Sandra Pixler	-	09/28/2018
11/1		Victor A. White (4/147)	- 1	00/20/2010
1///		Melinda Reid Hatton (2/147)	1	
11/1		Dennis F, Hatton Jr. (1/147)	1	
1/11		Amanda Hatton (1/147)	1	
12//	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E	
///	1-2-21	Connie Lee Norwood	HALL	
1///		Beth Ellen Younciak, a/k/a Beth Ellen Bennett		
1///		Ewing Albert Bennett	1	
1//		Cheryl Lynn Bennett Frankenfield	1 1	
1///		Emily B. Vallin	1	
11/1		Jennifer Sue Carpenter	1	
1///		Shirley Dotterer Wadsworth	1	
1///		Kathryn Dotterer Vahl		
11/1		Theima R. Dotterer Chowning	1	
1/1/		Marc D. Prochazka	1	
11/1		Richard Leslie Puchstein		
1111		Carl Eric Puchstein		
1111		Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the	1	
111		Jean Steen Puchstein Trust U/A dated October 8, 2014		
111		John William Bennett		
111		Jeffery Carpenter		
1///		Kent P. Prochazka (1/18)		
13	1-2-18 &	John Samuel Stewart	JASON BRIAN & LINDSEY R HALL, LEONARD EDWARD	
		Samuel William Stewart and Barbara C. Stewart	HALL JR	
		Merrion Oil and Gas Corporation Hu's Land and Minerals LLC		
14//	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY	
1711	1.0-2	Lucy Mae Stickley	LLC	
1111		Marian R. Stone Garrett		
1111		Patricia K. W. Hoekstra	1 1	
181		Richard H. Benson, II	1	
1//		Alvy S, White	1	
1///		Anita Talbott	1	
		Karen I. Meyers	1	
11/1		Carol S. White Davis	1	
1/1/		Edwin R. White II	1	
11/1		Robert Tate Jr.		
////		Frederick Tate	1	
////		Timothy Tate Jr.	1	
////		Alex Tate	1	
11111		Jennifer Marie Carrington]	
1111		Robert S. Elliot	1	
///		Jane E. McIntyre and Glenn C. McIntyre	1	
		Jan W. Ellison and Thomas A. Ellison	1	
		Marianne Ann Borkowski and Marc Borkowski		
		Edith B. White	1	
		Nancy Emerick		
		Betty Ann Reed		
		David Ray Stone		
		Donald E. Stone		
		Doris Jean White		
		Victor A. White (2/147)		
		Melinda Reid Hatton (2/294)		
		Dennis F. Hatton Jr. (2/588)		
1111		Amanda Hatton (2/588)		
15	1-2-20	Merrion Oil and Gas Corporation	ROY L HALL	
10				
		Hu's Land and Minerals LLC		
16	1-2-19	Hu's Land and Minerals LLC Merrion Oil and Gas Corporation Hu's Land and Minerals LLC	ROY L HALL	

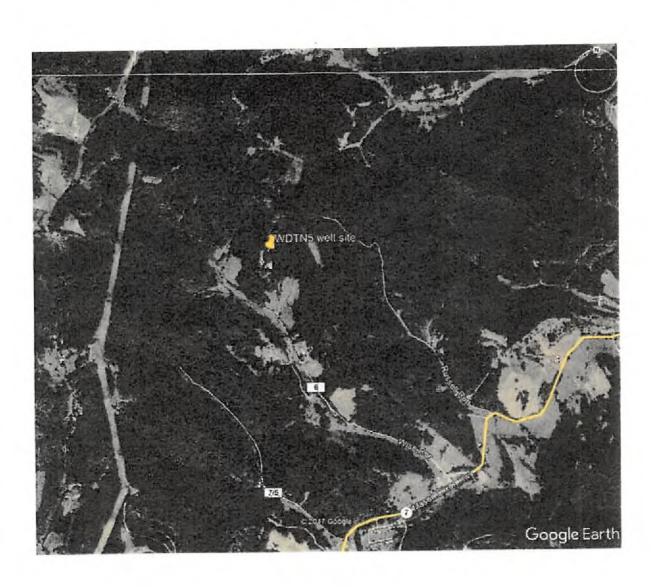
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304	Sheffler & Company, Inc. ENGINEERING • SURVEYING 1712 Mount Nebo Road Sewickley, PA 15143 Phone: 412-219-4509 Email: Info@shefflerCo.com DATE: April 3, 2018, Rev. May 10, 2018			
Well Type: Oil Waste Disposal X Production	on X Deep OPERATOR'S WELL #: WDTN5BHSU			
X Gas Liquid Injection Storage WATERSHED: DUNKARD CREEK ELEVATION	Shallow API WELL # 47 O61 COUNTY PERMIT			
	ANGLE: WADESTOWN, WV			
	GE: 207.36			
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAG	GE: 207.36			
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WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER			
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE			
City CANONSBURG State PA Zin Code 15317	City JANE LEW State WV Zip Code 26378			







Site Safety Plan for Well Site: WDTN5AHSU CNX Gas Company, LLC.



MOR 4/4/2018

Approval Sheet

The Office of Oil and Gas and the Oil and Gas Conservation Commission have set forth minimum requirements for necessary equipment and procedures that must be addressed in a Safety Plan ("Plan") and shall be submitted and approved prior to drilling a deep well. A deep well shall be any well which meets the definition as provided for in Chapter 22C, Article 9 of the West Virginia Code.

A site specific Safety Plan must be submitted with each deep well application or no later than one week prior to spudding. Approved Plans shall be maintained and available at the drilling rig at all times.

The Office of Oil and Gas must approve all changes and modifications to previously approved plans.

This plan has met the requirements of the Policy Statement Deep Well Drilling Procedures and Site Safety Plan Requirements as set forth by:

Date:

Plan Modification*

Revision No.	Description of Revision	CNX Preparer	CNX Reviewer/Approver	Agency Approval	Date

^{*}The Office of Oil and Gas must approve all changes and modifications to previously approved plans.

Safety Plan for Well Site: WDTN5CHSU CNX Gas Company, LLC.

Table of Contents

1. Contacts, Scheduling, and Meetings

- 1.1 Emergency points of contact for CNX Gas Company, LLC covering all phases of activity (24hr Contact Info)
- 1.2 List of contact information for Material Suppliers and Contractors
- 1.3 WV DEP Office of Oil and Gas Inspector and County LEPC Contact
- 1.4 Local Emergency Response Units and ER Personnel
- 1.5 Schools & Public Facilities
- 1.6 Pre-Spud Meeting
- 1.7 Safety Meetings

2. Maps and Diagrams

- 2.1 Site Design with flare lines, nearby dwellings (if any), and prevailing wind direction.
- 2.2 Topographic Map of well location with 1 mile radius, NAD 83 coordinates of site entrance and where access road intersects the public route.
- 2.3 Evacuation Plan

3. Well Work

- 3.1 Drilling, Completion, and Production Activities
- 3.2 Casing and Cementing Program
- 3.3 General Schematic for Drilling, Completion, and Production

4. Chemical Inventory and MSDS

- **4.1 MSDS**
- 4.2 Mud Inventory and Mixing Units

5. BOP and Well Control

- 5.1 BOP Equipment
- 5.2 Procedure and Schedule for Testing BOP Equipment
- 5.3 Drilling Records/Significant Events and Notification
- 5.4 Wellhead Assembly
- 5.5 Well Kill

6. Hydrogen Sulfide (H2S)

- 6.1 Detection, Monitoring, Warning Equipment, and Training
- 6.2 Notifying the OOG and Public/ Protection Zone and Access Control
- 6.3 Personal Protective Equipment (PPE)

7. Flaring

- 7.1 Size, Construction, and Length of Flare Line
- 7.2 Flare Lighting
- 7.3 Flare Operation and Minimum Distance
- 7.4 Flare Duration

8. Collision Avoidance

- 8.1 Scope of Work and Survey Techniques
- **8.2 Surface Design Precautions**
- **8.3 Vertical and Lateral Drilling Precautions**
- **8.4 Additional Supportive Resources**

9. Notification and Protection Zones

- 9.1 Notification
- 9.2 Protection Zones

Appendix

1.0 Contacts, Scheduling, and Meetings

1.1 Emergency points of contact for CNX Gas Company, LLC covering all phases of activity (24hr Contact Info)

NOTIFICATION	Title	Contact	Office	Cell	Home
Priority 1	Director Production Operations	Matt Imrich	724-485-3403	724-809-0024	N/A
Priority 2	District Operations Manager	Pete Nickel	(724) 627-1210	(724) 599-9465	N/A
Priority 3	DrillingSuperintendent	John Hardcastle	724-627-1340	724-579-6583	N/A
Priority 3	Completions Superintendent	Sam McLaughlin	724-627-1236	724-833-1571	N/A
Priority 4	Sr. Production Foreman	Scott Walker	724-464-2915	724-549-8963	N/A
Priority 5	SafetySpecialist	Kyle Borden	(570) 244-8055	(570) 244-8055	N/A

1.2 List of contact information for Material Suppliers and Contractors

	Contract Ser			
SERVICES	COMPANY	OFFICE	CELL/HOME	Contact
Well Control	Wild Well Control	(281) 784-4700	(432) 550-6202	
Well Control	Boots Coots	1-800-BLOWOUT	(281) 931-8884	
And a real		E24 354 250E	724-422-8966	Will Warfel
Well Control	APS 24 Hr Marcellus	724-354-2607	724-388-3286	Mark Backus
Well Control	Cudd Pressure Control	1-832-295-5555	918-344-6993	Clinton Swango
Environmental	Weavertown	(800) 746-4850	412-779-4097	Daryl Heiser
Environmental	McCutcheon Enterprises	724-568-3623	(304) 415-8062	(800) 925-8192
Labor/Equipment	Penn Mechanical	724-397-9066	724-840-4927	Chad Getty
Labor/Equipment	West Penn Energy Services	724-354-4118	412-559-1081	Andy lezzi
Labor/Equipment	PA Production	724-463-0729	724-840-6113	Khris Nichol
Labor/Equipment	G&R Gas Service	724-549-6246		Todd Peric
Labor/Equipment	Force Inc.	724-465-9399	412-289-0069	Brian Force
	1000411114	724-354-2607	724-422-8966	Will Warfel
Labor/Equipment	APS 24 Hr Marcellus	724-354-2007	724-388-3286	Mark Backus
Water Hauling	Nuverra Environmental	814-445-3067	814-599-2107	Ben Green
Water Hauling	Force Inc.	724-465-9399	(412) 289-1888	Andy Gallo
Water Hauling	Stutzman Vacuum Service Inc.	814-445-8440	814-483-6487	Amos Shaffer
Water Hauling	West Penn	724-354-4118	412-559-1081	Andy Iezzi

Water Hauling	WTC Gas Field Services	724-349-4045	724-422-4262- Mobile	09/28/20 Neal Watkins (Slick)
			724-840-8766	Rusty Davis
Traffic Control	Penn Mechanical	724-840-4927	724-840-4927	Chad Getty
Traffic Control	Force Inc.	724-465-9399	412-289-0069	Brian Force
Traffic Control	West Penn	724-354-4118	412-559-1081/ 724-816-0585	Andy lezzi/Dave Champion
Security	G4S	412-269-0750	724-422-4241	Chris Gongloff
One Call	One Call Center	West Virginia	800-245-4848 or 811	

1.3 WV DEP Office of Oil and Gas Inspector

WV DEP Office of Oil and Gas Inspector

Gayne J Knitowski P.O. Box 108 Gormania WV 26720 Gayne.J.Knitowski@wv.gov 304-546-8171

Monongalia Co. Homeland Security Emergency Management Agency / MECCA 911

Jim Smith, Director Phone: (304) 599-6332 jsmith@mecca911.org

1.4 Local Emergency Response Units and ER Personnel

Local first responders will be familiarized with the potential incidents that are related to the oil and gas development so that those agencies have the capability to provide the support necessary for the implementation of this SSP. This may include (within 7 days from land disturbance or well work activities): providing first responder agencies with a copy of this SSP and arranging tours of sites in the area.

Requesting public emergency response assistance for this location would be accomplished via telephone to Marshall County Dispatch which can be reached by dialing 911. From there, they will dispatch the appropriate and available emergency response agencies depending on the nature and extent of the emergency. This location is within the Dallas Volunteer Fire Department's Area.

Monongalia County Dispatch 911 emergency

West Virginia State Police 304-843-4100

Monongalia County Sheriff 304-291-7291

Wadestown Volunteer Fire Dept. 911 / 304-662-6331

Ruby Memorial Hospital 304-598-4000

1.5 Schools and Public Facilities

Mount Tabor Church & Cemetery phone unknown
Thomas Cemetery phone unknown

CNX utilized the white pages, Persopo, and BeenVerified in attempt to locate these facility's contacts.

1.6 Pre-spud Safety Meeting

A Pre-spud Safety meeting will be held prior to beginning drilling operations and include personnel to be employed and involved in the drilling operations. The pre-spud safety meeting should also include the district oil and gas inspector or other designated Office of Oil and Gas representatives. All personnel in attendance at the pre-spud meeting will be listed in the form below.

Name	Organization	Job Title	
1			
2			
3			
4			
8			
	· 		
14.			

1.7 Safety Meetings

Safety meetings will be conducted during drilling, completion, and workover phases as follows:

Pre-Spud,

Pre-Tour,

Post-Accident/Near Miss, and

As Needed.

A record of each meeting will be made and maintained on site for the duration of the drilling period. Typically, the drilling company will conduct these safety meetings with CNX personnel participating as needed. These records may be maintained separate from this plan. Log attendance at all meetings and also initiate check in check out during drilling, completion, and workover phases.

2.0 Maps and Diagrams

- 2.1 Site Design (Found in Appendix)
- 2.2 Topographic Map of well location (Found in Appendix)

2.3 Evacuation Plan

The Drilling Supervisor will establish one muster point at which all persons on site will assemble for personnel safety and verification of headcount.

In the event of an emergency, the HSE Department will notify any local residents in the surrounding area who have the potential to be affected. Residents will be notified by phone, or if they're not reachable by phone, they will be notified in person at their place of residence.

Included in the Appendix are site specific maps and drawings that may assist in the emergency response and evacuation process.

The Drilling Supervisor and/or the Toolpusher, when practicable, will secure the Personnel and Visitor log before evacuating the site in order to perform a headcount at the muster point.

3.0 Well Work

CNX Gas Company, LLC strives to meet all regulatory requirements and follow industry best practices in all of its operations. This Site safety Plan (SSP) has been developed to meet the requirements set forth by the WV Department of Environmental Protection, Office of Oil and Gas Well Site Safety Plan Standards for sites with three (3) acres or more of surface disturbance involved in drilling and production of oil and gas in the State of West Virginia.

In the case of a horizontal well, the SSP will be submitted with each well application. The approved SSP will be maintained and available on location at all times. The SSP will also be provided to the local emergency planning committee (LEPC) for emergency planning district in which the well work will occur or the county office of emergency services at least seven (7) days prior to commencement of well work or site preparation work that involves any disturbance of land. In all cases, the SSP once approved, may only be modified upon the approval of the Office of Oil and Gas.

3.1 Drilling, Completion, and Production Activities

Drilling

A pre-spud notification of at least 24 hours will be given to the local area DEP inspector. A Pre-spud safety meeting will be conducted with all company and contract personnel prior to "rig up" or any associated activity. Once "rig up" operations have commenced, there will be drilling representatives on site for 24 hour operations. They will also be monitoring and recording daily drilling activities to ensure all parameters remain in compliance. A detailed drilling description that covers well work and procedure to be used during the drilling, will be available on site when drilling commences.

Completion 09/28/2018

Once drilling operations are complete, a pre-completions safety meeting will be conducted will all company and contract personnel prior to beginning activities. Red zones (protection zones) will be placed and monitored around all moving equipment. Once completions activities has commenced, there will be completions representatives on site for 24 hour operations. Their primary job responsibilities are hazard and risk analysis, as well as maintaining a safe and environmentally compliant site. They will also be monitoring and recording daily completions activities to ensure all parameters remain in compliance.

Production

Once the wells have been turned in line, there will be well operators on site for 24 hours, 7 days a week. Their primary job responsibilities are hazard and risk analysis, as well as maintaining a safe and environmentally compliant site. Red zones (protection zones) will be placed and monitored around all moving equipment. They also will be monitoring casing and tubing pressures, gas volumes, and water production. It will also be vital that the production tanks and pits be monitored as well to remain in compliance. Once 24 hour monitoring is no longer needed, there will be a well operator on site for 12 hours a day, 7 days a week. Their duties will include hazard and risk analysis of any work being done, maintaining a safe and environmentally compliant site, and general housekeeping duties to ensure a clean and efficient work space. The casing and tubing pressure, gas volumes, as well as water production for each well will be monitored on a daily basis. Operators will also monitor the pits and water tanks on location to make sure that they are in compliance.

- 3.2 Casing and Cementing Program (Found in Appendix)
- 3.3 General Schematics for Drilling, Completions, and Production (Found in Appendix)

4.0 Chemical Inventory and MSDS

4.1 MSDS

Material Safety Data Sheets (MSDS) for all materials and chemicals will be readily available and maintained in the operations trailer on the well site. It is the responsibility of onsite personnel to ensure that the MSDS for each material that is delivered to site is on file at the location. Should a material for which there is not an MSDS on file be brought onto the site a copy of the MSDS that accompanies the shipment will be filed with the rest of the sites MSDS. A copy of these MSDS will be provided to the WV DEP Office of Oil and Gas.

Site Personnel Responsible for maintaining MSDS: Construction – Michael Vitello – (740) 632-2483 Drilling – Ryan Coffman – (724) 984-2193 Completions – Sam McLaughlin – (724) 833-1571 Production – Chris Turner – (304) 641-3647

MSDS may also be sourced through the 3E Company at 1 (800) 360-3220

4.2 Mud Inventory and Mixing Units

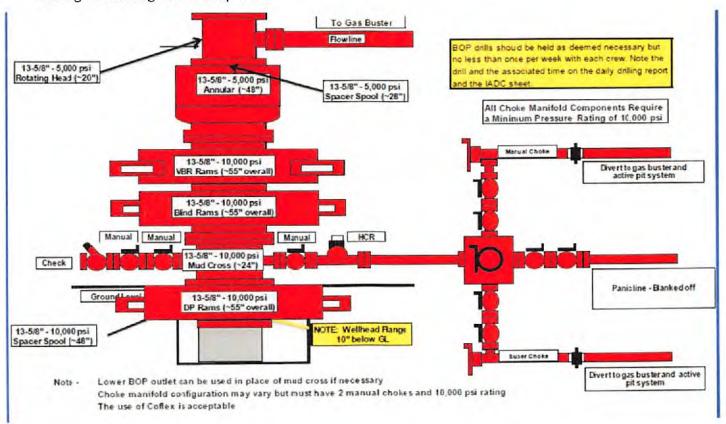
A contracted drilling mud service will maintain all required components for the mixing of mud for well kill operations in compliance with API RP 53. Materials on site for mixing mud will include, but not be

limited to, 200bbl Base Oil, 60tons of Barite, and 250bbls Fresh Water. The contractor will keep the appropriate inventory of those components, and a copy of the inventory will be kept in an onsite office. Mixed Mud amount will be approximately 1200bbl mixed at +/-12.0ppg. This contractor will also maintain the appropriate number and type of mixing units for the mixing of drilling mud in sufficient quantities for well kill operations as the site. Mixing units will be 2 mud tanks with jet mixing lines.

5.0 BOP and Well Control

5.1 BOP Equipment

The following is a list of all BOP equipment with types, sizes and ratings to be utilized and available during the drilling of the deep well.



Remote Controls

Remote controls shall be readily accessible to the driller. Remote controls for all systems shall be capable of closing the preventer. Remote controls systems shall be capable of both opening and closing the preventer.

5.2 Procedure and Schedule for Testing BOP Equipment

Well Control Equipment Testing will be conducted in accordance with the American Petroleum Institute's (API) Recommended Practice 53 (RP 53), Recommended Practice for Blowout Prevention Equipment Systems for Drilling Wells. This is the industry standard for the installation and testing for BOP systems on land and marine drilling rigs.

All testing described below will be performed using clear water or an appropriate clear liquid for subfreezing temperatures with a viscosity similar to water.

The BOP equipment will be function tested upon initial installation, weekly, and after each bit trip. It will be pressure tested upon initial installation and every twenty-one (21) days thereafter. All pressure tests will be performed to API standards. Annular preventers will be tested to seventy percent (70%) of the rated capacity and ram preventers will be tested to eighty percent (80%) of the rated capacity. Valves shall be tested from working pressure side during BOPE tests with all downstream valves open. All of the above described tests and/or drills shall be recorded in the drilling log.

The BOP will be installed after running casing meant to control shallow gas shows.

The following personnel will have approved well control training and current certification recognized by the International Association of Drilling Contractors (IADC):

Drilling Site Supervisors (Operator)

Drilling Superintendents (Operator)

Drilling Manager (operator)

Drilling Engineers (Operator)

Tool Pusher (Contractor)

Driller (Contractor)

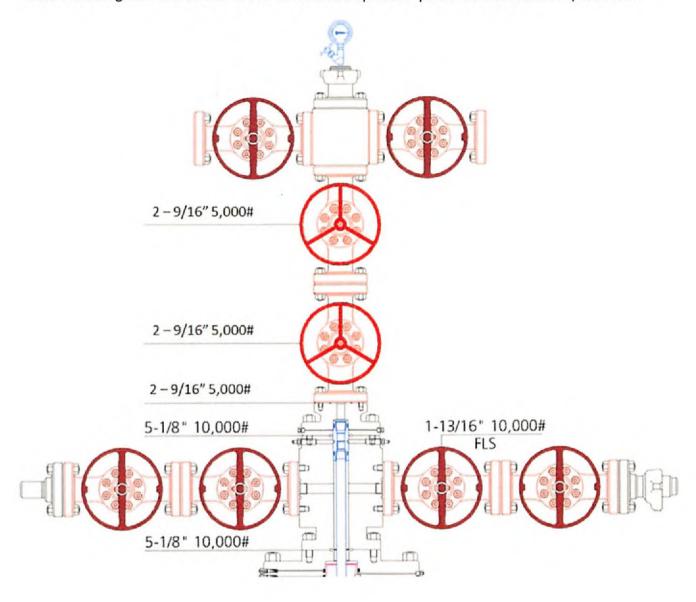
5.3 Drilling Records/Significant Events and Notification

Detailed records of significant drilling events such as lost circulation, fluid entry, kicks, abnormal pressures, etc. are maintained through a daily log in the onsite office. The daily log allows the drilling site supervisor to enter daily reports containing the specified information. The records are then retained electronically in CNX's office in Canonsburg, PA.

The Emergency Response Plan for this operating area requires the district oil and gas inspector or the designated Office of Oil and Gas representative be notified as soon as possible of any unusual drilling events such as large kicks that occur during drilling operations. Any encounter of hydrogen sulfide gas requires immediate notification of the DEP Office of Oil and Gas.

5.4 Wellhead Assembly

Below is a diagram of the wellhead to be installed upon completion of stimulation operations.



5.5 Well Kill 09/28/2018

Mud Inventory

A contracted drilling mud service will maintain all required components for the mixing of mud for well kill operations in compliance with API RP 53. Materials on site for mixing mud will include, but not be limited to, 200bbl Base Oil, 60tons of Barite, and 250bbls Fresh Water. The contractor will keep the appropriate inventory of those components, and a copy of the inventory will be kept in an onsite office. Mixed Mud amount will be approximately 1200bbl mixed at +/-12.0ppg.

Mixing Units

The contracted drilling mud service that maintains the components names in section 6.1, Mud Inventory, will maintain the appropriate number and type of mixing units for the mixing of drilling mud in sufficient quantities for well kill operations at the site. Mixing units will be 2 fluid tanks with jet mixing lines.

Kill Procedures

In the event that the BOP must be activated, a hard shut-in method will be utilized. Should this not be sufficient, an IADC preferred method will be utilized. These include the following:

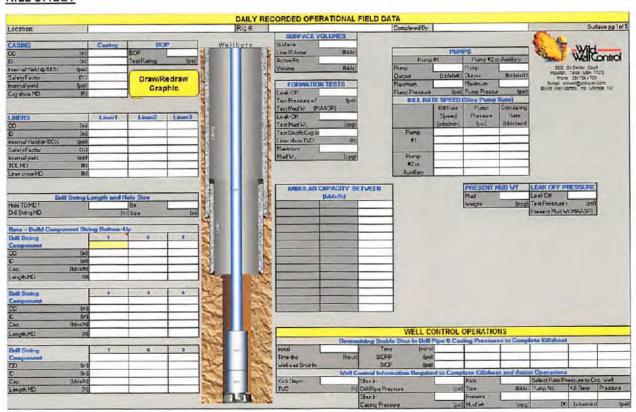
Wait and Weight Method

Driller's Method

Volumetric Control Method

Lubricate and Bleed Method

KILL SHEET



6.0 Hydrogen Sulfide (H2S)

6.1 Detection, Monitoring, Warning Equipment, and Training

Electronic H2S detection, monitoring, and warning equipment will be utilized on site. The devices will be placed in or on the rig floor, cellar area, and flow line/closed-loop area at a minimum. Additional devices will be worn by personnel while on site. Also, additional devices may be placed throughout the site.

All personnel on location will be trained on the sites alarms, evacuation procedures, and awareness of the basic hazards associated with H2S.

In the event that operations are being conducted in an area known to have/pose a threat of H2S or if there is reason to believe that a threat is present, all onsite personnel will obtain additional training on Personal Protective Equipment (PPE), respiratory Protection, and be properly fit tested.

6.2 Notifying the OOG and Public/Protection Zone and Access Control

Upon detection of H2S, the OOG will be immediately notified along with necessary emergency personnel. All personnel will evacuate site in the upwind direction and the entrance of the site will be blocked to prevent any unnecessary personnel from entering. The emergency response plan will then become in affect, this plan specifies the roles and responsibilities of onsite personnel in case of an emergency. It also addresses emergency notification of potential affected residents and public response personnel.

6.3 Personal Protective Equipment (PPE)

The following personal protection equipment will be available and in use as needed on location:

Hardhats
Safety Shoes
Safety Glasses and/or Safety Goggles/Face Shields
Hearing Protection Earplugs
Work Gloves
Personal H2S Monitors
and SCBA Escape Packs (only as needed).

Ample supply of all PPE items will be utilized and available for all personnel and any visitors.

In the event that other hazards are identified or presented during the drilling operation, we will attempt to eliminate the hazard, and if not practical, additional PPE will be provided to mitigate the risk to the worker.

7.0 Flaring

7.1 Size, Construction, and Length of Flare Line

The flare line will be a 2" diameter, steel line that extends a minimum of 100' from the well. A small diameter steel line will parallel the flow line and serve as the pilot to ignite the flare. The end of the kill

line will also be at the terminus of the flow line. The flare stack will be situated at least 100 from any wellhead and/or equipment at all times. The flare line may be anchored in a variety of ways depending on the site conditions. This could include, but is not limited to, metal stakes with safety caps, cross pinning, concrete weight blocks, etc.

7.2 Flare Lighting

The system for lighting the flare will be ¼" pilot line fueled by propane. A flare gun will be used as a backup. Notification to the local fire department prior to lighting the flare will be given immediately if practicable and as soon as possible thereafter.

7.3 Flare Operation and Minimum Distances

All gas diverted through the flare line will be burned. The local fire department will be notified of the intent to flare. All flammable material beyond the end of the flare line will be cleared to a minimum distance of 100ft.

7.4 Flare Duration

The flare operations, upon ignition, will last approximately 14 continuous days per well drilled and completed.

8.0 Collision Avoidance

8.1 Scope of Work and Survey Techniques

Depending on the application, as outlined below, gyroscopic, mud pulse telemetry or electromagnetic telemetry tools will be utilized to maintain quality control and assurance of our well paths. Gyroscopic surveys will be run inside casing or drill pipe in 100' increments prior to picking up any directional bottom hole assembly. When drilling in an area with high magnetic interference or in critical areas, a gyroscopic muleshoe may be utilized to help steer. The Gyro company's muleshoe tool may be used to ensure it seats properly and its surveys are accurate. In addition, when using this muleshoe, the onsite company representative, directional driller, and gyro company representative will scribe and confirm the alignment and orientation of the tool. This ensures the tools are orientated consistent with the directional motor's high side and the azimuthal direction is accurate according to the survey results. During any nudge, curve or lateral drilling MWD or LWD tools will be utilized to steer and confirm placement in the well path. The directional company will provide real-time anti-collision monitoring based on surveys of existing offset wells prepared by the Drilling Engineer or Geology department.

Established Definitions:

- 1) Proposed Wellbore Involves sections of the vertical top-hole, the KOP, the lateral landing, and the lateral drilling to the total measured depth TMD.
- 2) Nudge Technique generally used in the vertical top-hole section. The well path is nudged from vertical to pass areas of possible magnetic interferences and to reduce the risk of collision by maintaining separation with other wellbores.
- 3) KOP Kick off Point. Diverting a well path from one trajectory to another.

- 4) MWD Measurement While Drilling.
- 5) LWD Logging While Drilling.
- 6) SF Separation Factor or Clearance Factor:

SF* = CC ÷ [URref + URoff]

CC - well separation distance (center to center of wellbores)

URref - radius ellipse of uncertainty on reference well

URoff - radius ellipse of uncertainty on offset well

Note: ellipses are half-axes or radii.

*Calculation options may be considered

- 7) TMD Total Measured Depth.
- 8) Gyro High accuracy well bore survey instrument unaffected by magnetic interference.
- 9) QC / QA Quality Control and Quality Assurance.
- 10) HSE Health Safety and the Environment.

Established Descriptions of Risk:

- 1) SF ≤ 1.0 Level 1 Extreme collision risk
- 2) SF = 1.0 to 1.5 Level 2 High collision risk
- 3) SF = 1.5 to 2.0 Level 3 Moderate collision risk
- 4) SF > 2.0 Level 4 Low to no collision risk

8.2 Surface Design Precautions

Well surface locations will typically be spaced 20' from one another on new multi-well pads. When a rig returns to a pad with an existing producing well(s), the new well(s) surface locations will be spaced at least 100' from the existing producing well(s), unless below grade production cellars are being utilized. A full review of offset wells within the project lease boundary will be prepared for the drilling engineer by the geology department. Any offset well that has a Separation Factor (SF) less than 2.0, or is within 500' of the planned wellpath, or intersects the planned well's target formation, will require a gyro or certified survey data. If the data is not available, then the production department will perform a wireline gyro on the existing offset well prior to drilling. The desired well path will be designed with SF greater than 1.0 at all times, if possible, and the surveying tools utilized will be calibrated prior to each use following the API & manufacturers' specifications.

8.3 Vertical and Lateral Drilling Precautions

The directional drilling service contractor & the operating company representative onsite will monitor real time separation distances and disclosure trends while drilling. If the SF approaches 1.5, a remote anti-collision team, provided by the service contractor, will monitor real time disclosure distances to prevent human error by any one person. A phone call will be made to the operator's field Superintendent and the Drilling Engineer. An email from the service contractor will confirm that the remote anti-collision is now involved and monitoring surveys in real time.

At any time while drilling, if the SF is less than 1.0, control drilling will be implemented until SF is greater than 1.0. The Oil and Gas Inspector will be notified via email or phone call to be made aware. While control drilling, survey stations shall be no more than but not limited to 30' apart by measured depth (MD) and when magnetic interference is a risk, a gyro tool will be utilized as a safety precaution to help steer the well path. Any change in tool or direction will be approved by the Directional Driller, operator's field Superintendent, Drilling Engineer, and service company's Directional Supervisor.

If an imminent risk for a collision should occur, the Oil and Gas inspector will be notified and given a proposal for remediation. In most applications, a cement kick plug will be set to a point safe enough to kickoff and resume drilling with a decreased threat of anticollision.

8.4 Additional Supportive Resources

All surveys and well plans will be corrected to true grid north utilizing the North American Datum of 1927 (NAD27). The directional company well planner and operator's Drilling Engineer will plot and approve all well plans prior to being drilled. All onsite directional and operator representatives will verify correctness of well plan prior to drilling, as well.



Gyro Steering Muleshoe Scribe Verification

This document is intended to show multiple levels of visual confirmation during the BHA make-up, that the muleshoe high side and scribe are aligned. This alignment will confirm the azimuthal direction is accurate in the survey stations while gyro steer drilling.

Well Name:	
API#:	
Rig:	
Operator Representative:	Date:
 Gyro or MWD Representative: Company: 	Date:
Directional Driller: Company:	Date:

9.0 Notification and Protection Zones

9.1 Notification

In an emergency which requires the notification of residents and emergency personnel that may be affected during drilling activity, the emergency response plan will be immediately implemented. This plan specifies the roles and responsibilities of onsite personnel in case of emergency and addresses emergency notification of potentially affected residents and public emergency response personnel.

In the event that response personnel and/or residents need to be notified, the preferred method is by telephone. If no telephone number is available or if anyone is not able to be reached by phone, they will be contacted and notified in person.

All CNX Gas HAZWOPER trained at the first responder operations level shall be notified.

A list of Potentially Affected Parties, if applicable, is in the Appendix. This is a tabulation of all businesses, residence, schools within a one mile radius. This represents the current owners of record as recorded in the courthouse.

9.2 Protection Zones

Should the need for designated protection zones arise as a result of certain events, they will be established as appropriate. These protection zones will be established by evaluating the hazard, conditions, circumstances, potential impacts, and available guidance (such as the DOT Emergency Response Plan, available MSDS, etc.) to determine the best course of action.

Appendix

API NO. 47-_____09/28/2018
OPERATOR WELL NO. WDTN5AHSU
Well Pad Name: WDTN5

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

1) Well Operator: CNX Gas C	Company LLC	494458046	Monongalia	Battelle	Wadestown
		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Wi	DTN5AHSU	Well Pa	d Name: WDTI	N5	
3) Farm Name/Surface Owner:	Wise	Public Roa	ad Access: CR6	Wise Ru	n
4) Elevation, current ground:	1400 E	levation, proposed	post-construction	on: 1389	
5) Well Type (a) Gas X	Oil	Und	erground Storag	ge	
Other					
	llow	Deep	X		
	izontal X		Dayng.	K D	4/4/2016
6) Existing Pad: Yes or No No	271	-	-		1170
 Proposed Target Formation(s) Point Pleasant, Top=13,270', 7 				essure(s):	
8) Proposed Total Vertical Depti	h: 13,335'				
9) Formation at Total Vertical D	epth: Point Ple	asant			
10) Proposed Total Measured De	epth: 21,228'				
11) Proposed Horizontal Leg Le	ngth: 7,390'				
12) Approximate Fresh Water St	rata Depths:	125', 1070'			
13) Method to Determine Fresh	Water Depths:	Depth of bit when wat	er shows in flowlin	e or depth v	when misting is required
14) Approximate Saltwater Dept	hs: 2180', 2625	•			
15) Approximate Coal Seam Dep	oths: 709', 970',	1,058', 1,063'			
16) Approximate Depth to Possi	ble Void (coal mi	ine, karst, other):	None anticipate	ed	
17) Does Proposed well location directly overlying or adjacent to		ns Yes	No	х	
(a) If Yes, provide Mine Info:	Name:				
	Depth:				
	Seam:				
	Owner:				

OPERATOR WELL NO. WDTN5AHSU
Well Pad Name: WDTN5

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	26	N	L/S	99.0	129	100	CTS 122CF
Fresh Water	18.625	N	J-55	87.5	1409	1380	CTS1724CF
Coal	18.625	N	J-55	87.5	1409	1380	CTS 1724CF
Intermediate	13.375	N	J-55	61.0	3084	3055	CTS 2190CF
Intermediate	9.625	N	P-110	43.5	12083	12054	TOC@2855, 2888CF
Production	5.5	N	Q-125	23.0	21257	21228	TOC@7500, 3254CF
Tubing	2.375	N	J-55	4.7	1		

Liners N/A

Ham J that 4/4/2018

ТҮРЕ	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.375	N/A	N/A	Type 1	1.18
Fresh Water	18.625	24	0.435	2250	<500	Class A	1.19
Coal	18.625	24	0.435	2250	<500	Class A	1.19
Intermediate	13.375	17.5	0.430	3090	<2475	Class A	1.19
Intermediate	9.625	12.25	0.435	8700	<7000	Class A	2.03 / 1.24
Production	5.5	8.5	0.415	16510	~12500 during frac	Class H	1.24
Tubing	2.375	N/A	0.190	7700	N/A	N/A	N/A
Liners	N/A				7.41.5		

PACKERS

Kind:	n/a	
Sizes:		
Depths Set:		

WW-6B
(10/14)

API NO. 47-<u>09/28/2018</u>

OPERATOR WELL NO. WOTNSAHSU

Well Pad Name: WDTN5

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Construct well pad and access road. Utilize conductor rig to set 26" conductor into solid rock and cement back to surface. MIRU drilling rig. Air drill 24" hole. Run and cement 18-5/8" fresh water/coal 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 17-1/2" hole. Run and cement 13-3/8" 1st intermediate casing. Air drill 12-1/4" hole (this section is typically directionally drilled with a slant or S-turn profile for anti-collision and for lateral spacing). Displace hole with 12.5 ppg SOBM. Run and cement 9-5/8" 2nd intermediate casing. Drill 8-1/2" production hole from casing shoe to curve KOP. Drill 8-1/2" curve from KOP to landing point. Plan to land with 14.0-14.5 ppg SOBM. Continue drilling 8-1/2" lateral to TD (geosteer this section to remain in target window). Perform clean-up cycle to condition well. Run and cement 5-1/2" production casing. Suspend well and skid to next well or RDMO drilling rig.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Run CBL to ~60 degrees in the curve and back to surface to determine production casing TOC. Test production casing and toe prep well. MIRU stimulation/hydraulic fracturing equipment. Fracture well by pumping required number of stages utilizing plug-and-perf method. Max anticipated treating pressure is ~12,500 psi and max anticipated treating pump rate is 80-90 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. The well into production. Run tubing when required.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 46.90
- 22) Area to be disturbed for well pad only, less access road (acres): 5.4
- 23) Describe centralizer placement for each casing string:

Fresh water/coal string: centralize shoe joint and every 3rd joint to surface - utilize bow spring centralizers. Intermediate strings: centralize shoe joint and every 3rd joint to surface and/or TOC - utilize bow spring centralizers. Production string: centralize every joint from shoe to KOP and then every 3rd joint from KOP 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. 1st intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM. 2nd intermediate string: Class A cement, lead and tail with dry blend and/or liquid additives. Production string: Class 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:

Top hole 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 12-1/4" hole - load hole with 12.5 ppg SOBM and circulate hole clean. 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.

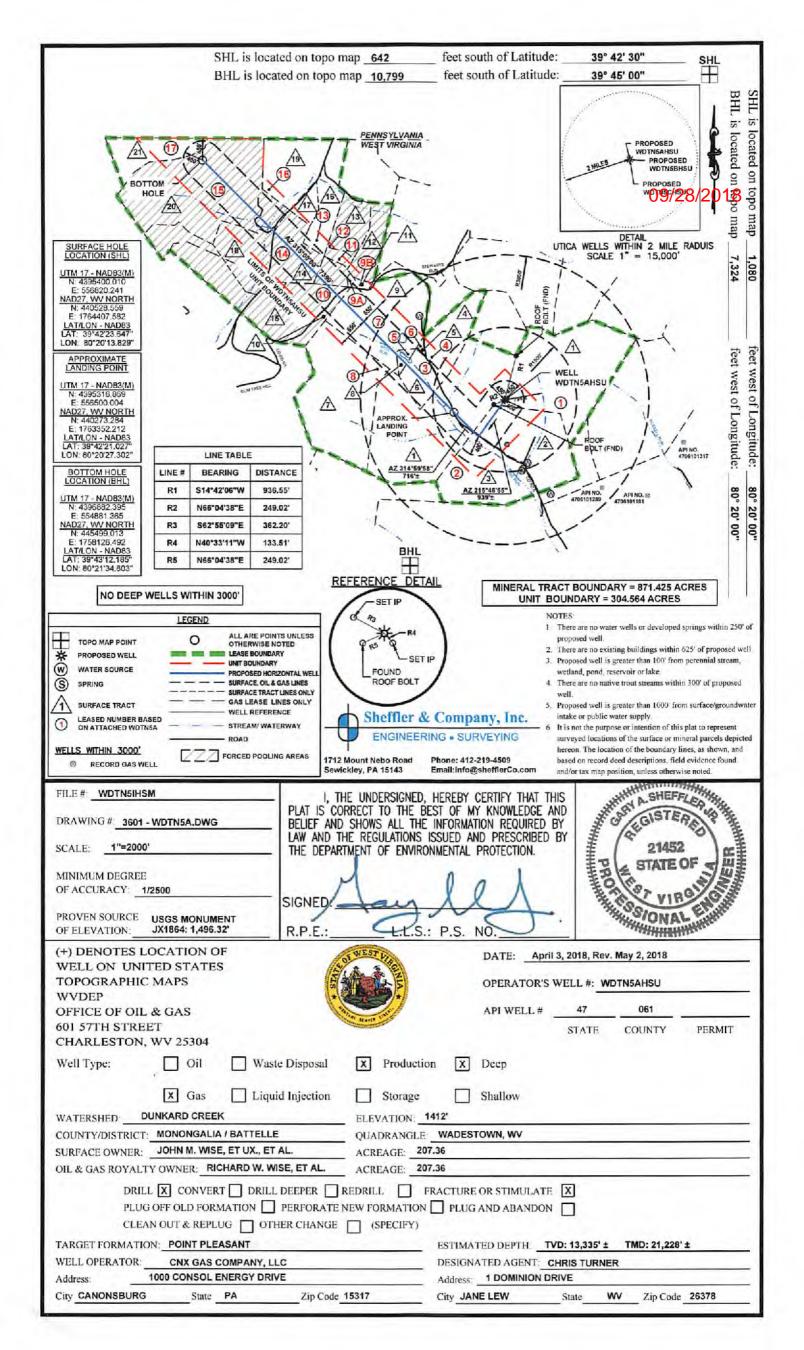
WDTN5 Cement Additives

- Fresh water/coal string: Class A cement with 1%-3% CaCl2 and 1/4 pps cello-flake/LCM.
- Intermediate string: Class A cement with 0%-2% CaCl2 and 1/4 pps cello-flake/LCM.
- Production string: Class 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.

	4							WDTN-5A-HS Utica Shale	WDTN-5A-HSU (Utica HZ) Utica Shale Horizontal	
								Monongalia	Monongalia County, WV	
					WD	TN-5A-H	WDTN-5A-HSU SHL	N 440	N 440528.56, E 1764407.58 (NAD27)	.58 (NAD27)
Ground Elevation		1390' GL E	GL Elevation		W	WDTN-5A-HSU LP	HSU LP	N 440	N 440273.28, E 1763352.21 (NAD27)	.21 (NAD27)
Azimuth		315°	5.		WD	TN-5A-H	WDTN-5A-HSU BHL	N 445	N 445499.01, E 1758126.49 (NAD27)	.49 (NAD27)
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	WD	2	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
	200	31.00				į				
	8	67 69	Conductor	100	100	¥	I o surrace	NA	NA	Stabilize surface fil/soil
			Shallowest Fresh Water		125		15 6 ppg Class A			Set through FW & coal zones
	24*	18-5/8" 87.5#	Waynesburg 1 Coal		709	AIR/	20% OH Excess	Centralize every 3rd	Ensure the hole is clean at	Cemented to surface
		J-55 BTC	Pittsburgh Coal		1063	FW Mist	Yield = 1.19	surface (bow spring)	section TD	18-5/8" shoe NOT to be set
			FW/Coal Casing	1380	1380		Sominace Contracts			deeper than ground level
			Big Lime		2475		1 0 0			Set through potential salt water
	47.410	13-3/8" 61.0#	Big Injun		2565	AIR /	20% OH Excess	7	Soap the hole as needed	zones
	711-11	J-55 BTC	Price		2805	Soap	Yield = 1.19	surface (bow spring)	and ensure the note is clean at section TD	Casing to be set ~200'-250' below
			1st Intermediate Csg	3055	3055		I O C (g) surrace			the Big Injun base
			Gordon		3390					
			Elks		5165		Lead:12.5 ppg Class A			
			Tully		7530		TOL @ >= 200' above		Control Control Control	Casing to be set ~100' TVD into
			Marcellus		7670		13-3/8" shoe		Ensure the hole is clean at section TO	the Reedsville
			Onondaga		7740		Tail:15.2 ppg Class A	Controlling guent 3rd		Note: For all strings, actual
	12-1/4"	9-5/8" 43.5# P-110 LTC	Salina		8620	AIR/	Yield = 1.24 TOT @ ~1000' above 9.	joint	Load hole with SOBM prior	centralizer placements may be
			Lockport		9365		5/8" shoe	(bow spring)	R	
			Tuscarora		10590		10% OH Excess		Displace cement with	Note: For all strings, actual cement
			Queenston		10840					upon service company utilized
			Reedsville		11860		TOC @ >= 200' above 13-3/8" shoe			
			2nd Intermediate Csg	12054	11960					
		-	Ulica		13130		15.6 ppg Class H	Centralize every joint	Once at TD, circulate at m	Once at TD, circulate at max flowrate with max rotation until
	& Lateral	0-125 VAR	Point Pleasant		13270	14.0-14.5	10% OH Excess	(single-place/doid how	Shakers clean-up (typical	shakers clean-up (typically requires multiple bottoms-up). Once on bottom with casing circulate a minimum of one hole.
			Production Casing	21228	13335		TOC @ ~7500'	centralizers)	volume prior	volume prior to pumping cement.

WELL:	WDTN 5 HSU				
op Depth from					
Ground			Coal Seam	Minable	
Elevation			Thickness	Coal	General Rock
(TVD)	Formation		(FEET)	Seam	Туре
	Soil and Rock				Top Soil and Rock
428	Zones of Potential circulation loss	WATER			
591	Deepest Water Well Depth (within 2500')	WATER			
704	Waynesburg 2		0.95	no	
709	Waynesburg 1		3.24	yes	_
970	Sewickley Coal		6.18	yes	Coal
1058	Roof Coal Zone		4.2	yes	0
1063	Pittsburgh Coal		7.34	yes	
1070	Possible Water Expected	WATER			
1530	Brush Creek Coal		0.76	no	
1643	Upper Freeport Coal		1.56	no	
1681	Lower Freeport Coal		1.47	no	
1745	Upper Kittanning Coal		1.18	no	Coal
1853	Lower Kittanning Coal		0.98	no	Ö
	Clarion		1.55	no	
1903	7 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1				
1973	Brookville Coal		0.1	no	Limestone
2475	Big Lime				
2565	Big Injun	2			Sand Shale
2805	Price Formation	2			100,000,000
3255	50 Foot	4			Sandstone
3390	Gordon	Thief Zone			Sandstone
3515	Fifth				Sandstone
3565	Bayard				Sandstone
5165	Eik				Siltstone
7145	Rhinestreet		4		Grey Shale
7360	Cashaqua				Shale
7505	Burket				Black Shale
7530	Tully				Limestone
7565	Hamilton				Grey Shale
7670	Upper Marcellus				Black Shale
7705	Purcell				Limestone
7710	Middle Marcellus				Black Shale
7720	Cherry Valley	4			Limestone
7725	Lower Marcellus	Ĕ			Black Shale
7740	Onondaga Limestone	킂			Limestone
8005	Oriskany Sandstone	High Pressure and Volume			Sandstone
8090	Helderberg Limestone	2			Limestone
8620	Salina	es es			Salt
9365	Lockport Dolomite	Ĭ			Dolomite
10040	Rochester Shale	SS			Grey Shale
10590	Tuscarora Sandstone	5			Sandstone
10840	Queenston Shale	<u>-</u>			Red Shale
11860	Reedsville Shale	ig			Grey Shale
13125	Utica Shale	-			Grey Shale
13245	Point Pleasant				Black Shale
13325	Lexington Limestone				Limestone
13365	Trenton Limestone				Limestone

^{**}No Saltwater or Hydrogen Sulfide is expected**



MOTNSAHSU UNIT = 304.564 ACRES TOTAL	Tract ID	Tax Map &	Grantor, Lessor, etc	Surface Owner
# TAX MAP & PARCEL UNIT AGRES	1	1-8-2	Richard W. Wise	DINA M WISE ET AL
1 1-8, P/O PARCEL 2 54.335 Ac. 2 1-8, P/O PARCEL 3 & 3.1 27.795 Ac.			Donald Wise Thomas E. McCauley	
3 1-8, PARCEL 1 13.128 Ap. 4 1-8, PARCEL 1.2 5.616 Ac.			Richard L McCauley	
5 1-8, PARCEL 1.4 2.508 Ac.			Judy A. Eckman Robert Stewart	
6 1-8, P/O PARCEL 1.5 0.870 Ac. 7 1-8, P/O PARCEL 1.1 42.116 Ac.			Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
8 1-9, P/O PARCEL 17 8.491 Ac. 9A 1-2, P/O PARCEL 22 0.677 Ac.			Clifford J. Wise Regina Wise Myers AKA Violet Regina Myers	
9B 1-2, P/O PARCEL 22 1.442 Ac.			Eleanor J. Wise	1
17, 817.1			James Freeman Stewart	9/28/2018
11 1-3, P/O PARCEL 2 3.583 Ac. 12 1-2, P/O PARCEL 21 0.229 Ac.			Victor E. Wise Zelda Ruth Brummage	
13 1-2, P/O PARCEL 18 & 18.1 4.869 Ac. 14 1-2, P/O PARCEL 17 & 17.1 35.967 Ac.			Evoleg A. Everly Shaheen Dexter Murle Stewart	
15 1-2, P/O PARCEL 14 67.836 Ac.			Justin P. Stewart	
16 1-2, P/O PARCEL 19 2.886 Ac. 17 1-2, P/O PARCEL 13 11.132 Ac.			Annette E. Stewart Debora Goff	
SURFACE TRACT OWNERS & TAX PARCEL			Walter R. Currence Maureen S. Currence	
1. DINA M WISE ET AL TM# 1-8-2 2. BARBARA J WAGNER TM# 1-8-3.1			Michelle L. Currence	
3. BARBARA J. WAGNER TM#1-8-3 4. DAVID W & ELIZABETH K DEATON TM# 1-9-1,2			Phyllis J. Petrosky Jesse D. Jones	- 1
5. GARY L & ARLENE ANN NEELY TM# 1-8-1.5			Harold M. Jones, Jr. Fred C. Wise and Alice F. Wise	
7 CONSOL MINING COMPANY LLC TM# 1-9-17			Linda Stapp	
8. HENRY W. & LYNDA M. AREHEART TM#1-8-1.4 9. GARY L & ARLENE ANN NEELY TM# 1-8-1.1			Richard A. Nunley and Diana K. Nunley Patricia J. Mumaw and Richard L. Mumaw	- 1
10. ROBERT ANTHONY LAUER III TM# 1-2-16 11. MT, TABOR CEMETERY TM# 1-2-22			Donald E. Nunley	1 11
12. CONSOL MINING COMPANY LLC TM# 1-3-2 13. ROY LEE JR. & ERICA E. HALL TM# 1-2-21			Mary Nunley Stepelton and Donald Stepelton Jane Irons	
14. THOMAS M. BARNHOUSE TM# 1-2-17 15. DELORES J. HARRISON TM# 1-2-16.2			Melissa Bookout Eileen Ann Lyle	3 1
16. LEONARD EDWARD HALL JR. TM# 1-2-18.1 17. JASON BRIAN & LINDSEY R, HALL TM# 1-2-18			Robert Eugene Michael, Sr. and Darlene Ann Michael	1 1
18. FREDERICK JR. & PATRICIA MORGAN TM# 1-2-17.1 19. ROY L. HALL TM# 1-2-19			Frank Dennis Michael, Jr. and Mary Frances Michael Evelyn June Michael	- 1
19. ROY L. HALL 1M# 1-2-19 20. DAVID 8 NANCY LIMING TM# 1-2-14 21. HUSKIE LUMBER COMPANY INC TM# 1-2-13			Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin Boyd Hawkins and Kari J. Hawkins	- 1
21. HUSKIE LUMBER COMPANY INC. 1M# 1-2-13			Becky Bortnick Hawkins	
	2	1-8-3 & 1-8-3.1	Barbara J. Wagner Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon- Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L.	BARBARA J. WAGNER
			Shriver, Trustee of the Shriver Family Trust Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and	1
	3	1-8-1	Barbara J. Anderson Living Trust UTD May 14th, 2008 CBC Holdings, LLC	HENRY W & LYNDA M
		1.4.1	Henry W. Areheart and Lynda M. Areheart	AREHEART
1	4	1-8-1.2	Earl W. Kennedy CBC Holdings, LLC	DAVID W & ELIZABETH K
			David W. Deaton and Elizabeth K. Deaton Earl W. Kennedy	DEATON
	5	1-8-1.4	CBC Holdings, LLC	HENRY W. & LYNDA M.
			Henry W. Archeart and Lynda M. Archeart Earl W. Kennedy	AREHEART
	6	1-8-1.5	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
			Gary L. Neely and Arlene Neely Earl W. Kennedy	
	7	1-8-1.1	CBC Holdings, LLC Gary L. Neely and Ariene Neely	GARY L & ARLENE ANN NEELY
			Earl W. Kennedy	
	8	1-9-17	Ralph Six	CONSOL MINING COMPANY
	9A 9B	1-2-22	Mt. Tabor Methodist Episcopal Church Mt. Tabor Methodist Episcopal Church	MT. TABOR CEMETERY MT. TABOR CEMETERY
	//16/	1-2-16,	Earl W. Kennedy Glenn L. White, individually and as trustee of Glenn L. White Trust	ROBERT ANTHONY LAUER
		1-2-16.2. P/O 1-2-17, and	Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	III. DELORES J. HARRISON, THOMAS M. BARNHOUSE,
	////	P/O 1-2-17.1	David T. White and Sarah K. White Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	FREDERICK JR. & PATRICIA MORGAN
	11/1	1	Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
	////	1	James Snyder Lacey L. Adams and Devon J. Adams	
	////	1	Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living Trust	
			James F. Hare III and Christine A. Hare	
	////	1	Laurence D. Hare Cheryl Molesky	
	9//		Eldon Bryant Tucker and Brenda Sue Tucker James Tucker and Flora Siu Tucker	
	11/1		Robert Earl Tucker and Patricia Ruth Tucker	
	1111		David Tucker	
(+) DENOTES LOCATION OF		OF WEST	Sheffler & Con	pany, Inc.
WELL ON UNITED STATES	1	5/1 Am 3	ENGINEERING • S	
TOPOGRAPHIC MAPS		IS STEEL		
WVDEP	V			412-219-4509 nfo@shefflerCo.com
OFFICE OF OIL & GAS 501 57TH STREET		DELL'AND TERMS	Sewickley, PA 10140	
CHARLESTON, WV 25304			DATE: _April 3, 2018, Rev. Ma	y 2, 2018
		el neste		
Well Type: Oil Waste Dispos	ai D	x Produ	oction X Deep OPERATOR'S WELL #: WDTM	ISAHSU
X Gas Liquid Injecti	on [Storag	ge Shallow API WELL # 47 COU	
	on L			NTY PERMIT
VATERSHED: DUNKARD CREEK			VATION:1412'	
COUNTY/DISTRICT: MONONGALIA / BATTELLE			DRANGLE: WADESTOWN, WV	
URFACE OWNER: JOHN M. WISE, ET UX., ET A			EAGE: 207.36	
DIL & GAS ROYALTY OWNER: RICHARD W. WIS	E, ET AL.	ACR	EAGE: 207.36	
		_	L FRACTURE OR STIMULATE X	
PLUG OFF OLD FORMATION .	PERFORA	TE NEW FO	DRMATION PLUG AND ABANDON	
CLEAN OUT & REPLUG OTHE	R CHANG	GE [] (S	SPECIFY)	
TARGET FORMATION: POINT PLEASANT			ESTIMATED DEPTH: TVD: 13,335' ± TMD:	21,228' ±
WELL OPERATOR: CNX GAS COMPANY, LLC			DESIGNATED AGENT: CHRIS TURNER	
Address: 1000 CONSOL ENERGY DRIVE			Address: 1 DOMINION DRIVE	
City CANONSBURG State PA		ode 15317		p Code 26378
v				

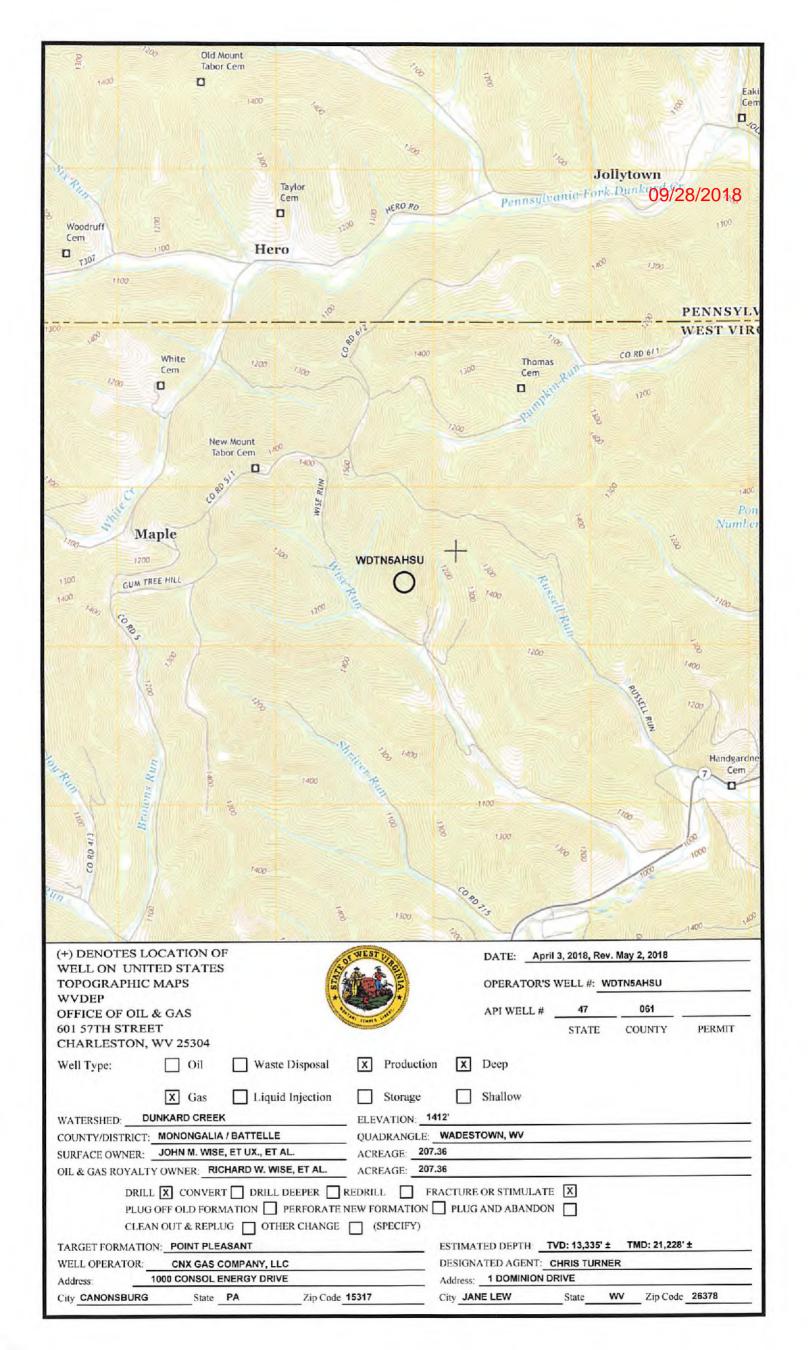
Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner	
10 (CONT.)	1-2-16,	Charles Tucker and Barbara Arpino-Tucker	ROBERT ANTHONY LAUER	
1///	1-2-16.2, P/O 1-2-17, and	Alice T. Boone	III, DELCRES J. HARRISON, THOMAS M. BARNHOUSE,	
1///	P/O 1-2-17.1	Three Rivers Royalty II LLC Donald Pelger	FREDERICK JR. & PATRICIA MORGAN	
V///		Chase Schwersenska	MOROAN	
V///		Chris Pelger]	
(///		Carl L. Anderson and Sandra L. Anderson David Wayne Anderson	4	
(///		David C. Anderson	1	
1///		Shannon Harker	1	
1///		John Pelger]	00/00/00/0
1////		Brenda A. Murphy Vickie L. Simmons	1	09/28/2018
1///		Sherry C. McCoy	-	
1///		Kelly Dilbeck (1/1152)		
(///		XTO Energy, Inc (3/8)		
111	400	Holly Pelger Harker (1/640)	COLUMN THE PROPERTY.	
1///	1-3-2	David Charles White and Regina Sue White Lucy Mae Stickley	CONSOL MINING COMPANY	
1///		Marian R. Stone Garrett		
(1//)		Patricia K. W. Hoekstra]	
1////		Richard H. Benson, II	-	
1////		Ality S. White Anita Talbott	4	
1////		Karen I. Meyers	1	
1///		Carol S. White Davis] /	
1///		Edwin R. White II Robert Tate Jr.	4	
1///		Frederick Tate	-	
1///		Timothy Tate Jr.	1	
1///		Alex Tate	1	
1////		Jennifer Marie Carrington		
1///		Robert S. Elliot Jane E. McIntyre and Glenn C. McIntyre	1	
////		Jan W. Ellison and Thomas A. Ellison	19	
1///		Marianne Ann Borkowski and Marc Borkowski	1	
1///		Edith B. White Nancy Emerick	4	
1///		Betty Ann Reed	1	
1////		David Ray Stone		
1///		Donald E. Stone		
1///		Doris Jean White Sandra Pixler	-	
1///		Victor A. White (4/147)	1	
1///		Melinda Reid Hatton (2/147)	1 1	
1///		Dennis F. Hatton Jr. (1/147)]	
1/12/	1-2-21	Amanda Hatton (1/147)	ROY LEE JR. & ERICA E.	
1////	1-2-21	Cheryl Lynn Bennett Frankenfield Connie Lee Norwood	HALL	
1///		Beth Ellen Younciak, a/k/a Beth Ellen Bennett		
1////		Ewing Albert Bennett		
1///		Cheryl Lynn Bennett Frankenfield Emily B. Vallin	- 1	
1///		Jennifer Sue Carpenter	1 1	
1///		Shirley Dotterer Wadsworth	1	
1////		Kathryn Dotterer Vahl		
1///		Thelma R. Dotterer Chowning Marc D. Prochazka	1	
1///		Richard Leslie Puchstein	1 1	
1////		Carl Eric Puchstein]	
1///		Violet Jean Puchstein, a/k/a Jean Steen Puchstein, individually and as Trustee of the Jean Steen Puchstein Trust U/A dated October 8, 2014		
1///		John William Bennett	1	
1///		Jeffery Carpenter		
1///		Kent P. Prochazka (1/18)		
13	1-2-18 &	John Samuel Stewart	JASON BRIAN & LINDSEY R. HALL, LEONARD EDWARD	
		Samuel William Stewart and Barbara C. Stewart Merrion Oil and Gas Corporation	HALL JR.	
	1.00	Hu's Land and Minerals LLC	James Land	
/14//	P/O 1-2-17,	Glenn L. White, individually and as trustee of Glenn L. White Trust	THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA	
1///	and P/O 1-2-17-1	Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	MORGAN	
1///		David T. White and Sarah K. White Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder		
1///		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	1	
1///		James Snyder		
1///		Lacey L. Adams and Devon J. Adams		
1///		Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living Trust		
1///		James F. Hare III and Christine A. Hare	1	
(///)		Laurence D. Hare		
1///		Cheryl Molesky	- 1	
1///			1	
1///		Eldon Bryant Tucker and Brenda Sue Tucker James Tucker and Flora Siu Tucker		

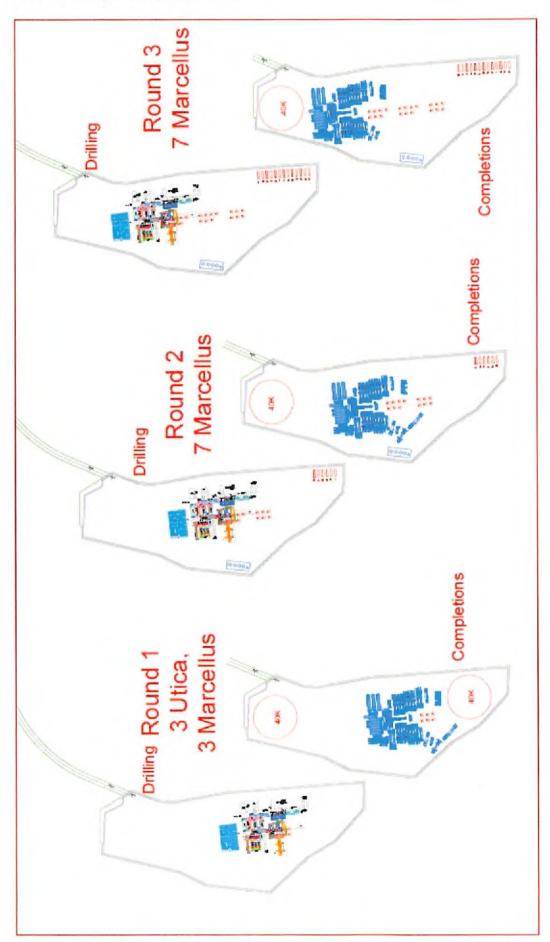
Sheffler & Company, Inc. WELL ON UNITED STATES ENGINEERING . SURVEYING TOPOGRAPHIC MAPS WVDEP Phone: 412-219-4509 Email:Info@shefflerCo.com 1712 Mount Nebo Road Sewickley, PA 15143 OFFICE OF OIL & GAS 601 57TH STREET DATE: April 3, 2018, Rev. May 2, 2018 CHARLESTON, WV 25304 OPERATOR'S WELL #: WDTN5AHSU Well Type: x Production X Deep Oil Waste Disposal API WELL# 47 STATE 061 Shallow X Gas Liquid Injection Storage COUNTY PERMIT WATERSHED: DUNKARD CREEK ELEVATION: 1412' QUADRANGLE: WADESTOWN, WV COUNTY/DISTRICT: MONONGALIA / BATTELLE SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36 ACREAGE: 207.36 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) ESTIMATED DEPTH: TVD: 13,335' ± TMD: 21,228' ± TARGET FORMATION: POINT PLEASANT CNX GAS COMPANY, LLC DESIGNATED AGENT: CHRIS TURNER Address: 1 DOMINION DRIVE 1000 CONSOL ENERGY DRIVE City JANE LEW wv State PA Zip Code 26378 City CANONSBURG Zip Code 15317 State

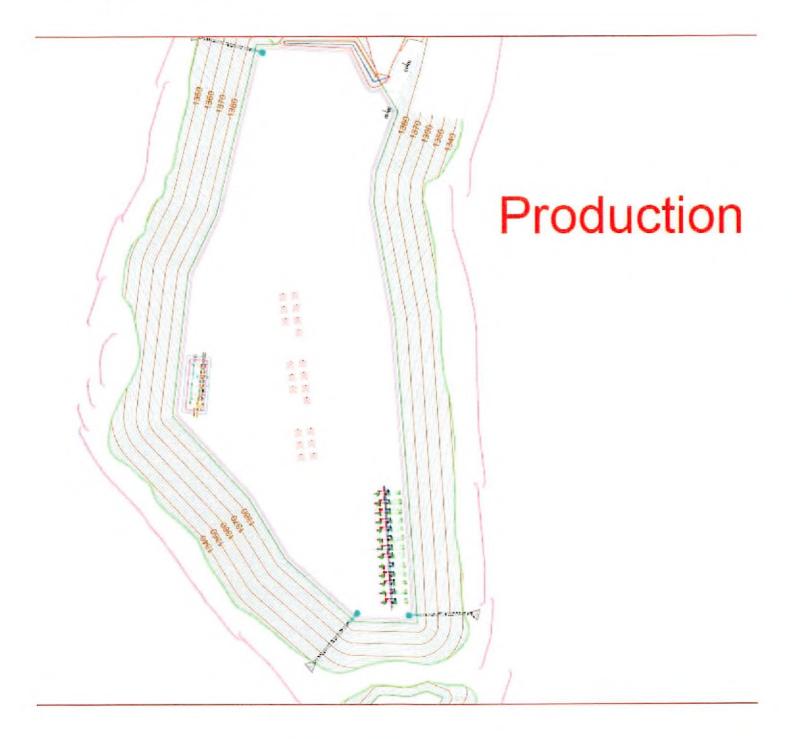
Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
4 (CONT.)	P/O 1-2-17,	Robert Earl Tucker and Patricia Ruth Tucker	THOMAS M. BARNHOUSE
1///	and P/O	David Tucker	FREDERICK JR. & PATRICI
1//	1-2-17.1	Charles Tucker and Barbara Arpino-Tucker	MORGAN
		Alice T. Boone	-
		Three Rivers Royalty II LLC	-
////		Donald Pelger	-1
1///		Chase Schwersenska	4
////		Chris Pelger	_
///			4
1///		Carl L. Anderson and Sandra L. Anderson	_
///		David Wayne Anderson	1
1///		David C. Anderson	4
1///		Shannon Harker	_
1///		John Pelger	
1111		Brenda A. Murphy	
1111		Vickie L. Simmons	
///		Sherry C. McCoy	
///		Kelly Dilbeck (1/1152)	
1//		XTO Energy, Inc. (3/8)	7
1///		Holly Pelger Harker (1/640)	
15//	P/O 1-2-14	Glenn L. White, individually and as trustee of Glenn L. White Trust	DAVID & NANCY LIMING
////		Nancy Liming and David Liming	
11/1		Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	-
///		David T. White and Sarah K. White	4
///		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	-
///			_
///		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
1///		James Snyder	
////		Lacey L. Adams and Devon J. Adams	
////		Deborah Horton, Trustee and Beneficiary of the Ronald L. Horton Revocable Living	
///		Trust James F. Hare III and Christine A. Hare	42
///			-
1///		Laurence D. Hare	4
1///		Cheryl Molesky	_
11/1		Eldon Bryant Tucker and Brenda Sue Tucker	
1///		James Tucker and Flora Siu Tucker	
////		Robert Earl Tucker and Patricia Ruth Tucker	
///		David Tucker	2
1//		Charles Tucker and Barbara Arpino-Tucker	
1//		Alice T. Boone	
1///		Three Rivers Royalty II LLC	
1///		Donald Pelger	7
1///		Chase Schwersenska	7
////		Chris Pelger	1
///		Carl L. Anderson and Sandra L. Anderson	1
///		David Wayne Anderson	-
		Shannon Harker	-1
1///		John Pelger	-1
1///		David C. Anderson	-1
1///		Brenda A. Murphy	-1
////			-1
1///		Vickie L. Simmons	-
///		Sherry C. McCoy	4
111		Kelly Dilbeck (1/1152)	4
1///		XTO Energy, Inc. (3/8)	
1///		Holly Pelger Harker (1/640)	
16	1-2-19	Merrion Oil and Gas Corporation	ROY L. HALL
		Hu's Land and Minerals LLC	
17	1-2-13	Huskie Lumber Co., Inc	HUSKIE LUMBER COMPANY
	1,500	Ralph Six	INC

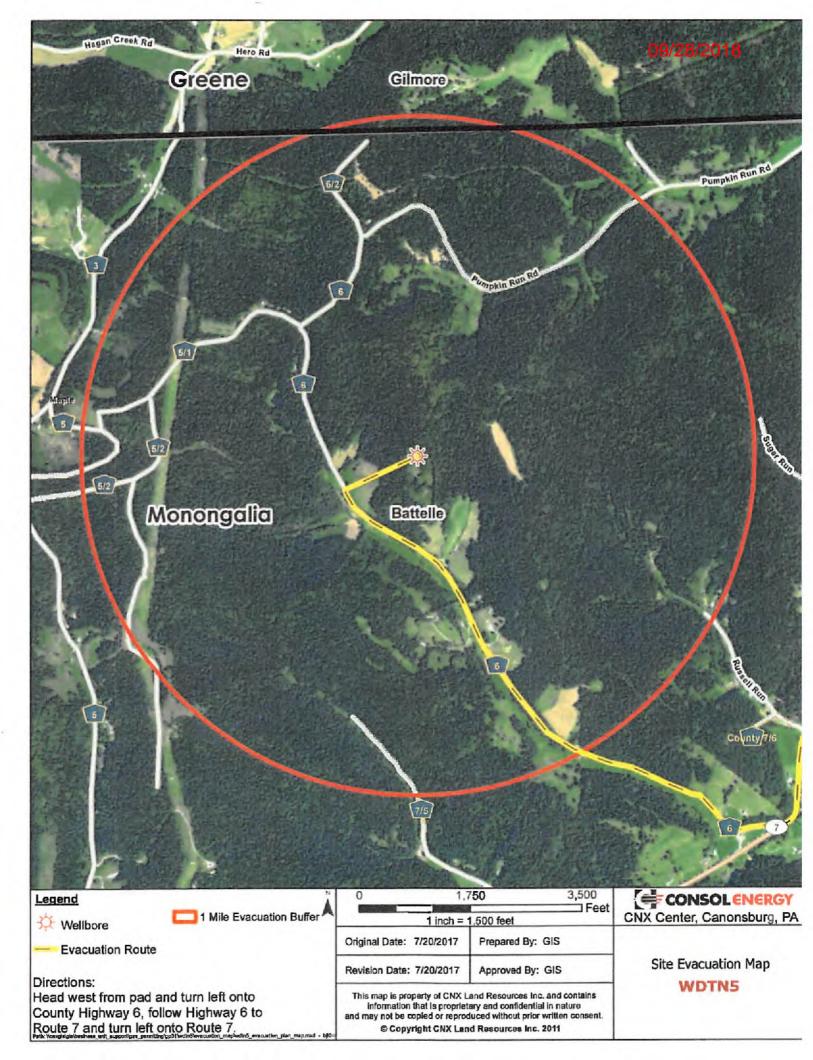
09/28/2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS	Sheffler & Company, Inc. ENGINEERING • SURVEYING 1712 Mount Nebo Road Sewickley, PA 15143 Phone: 412-219-4509 Email:info@shefflerCo.com
601 57TH STREET	
CHARLESTON, WV 25304	DATE:April 3, 2018, Rev. May 2, 2018
Well Type: Oil Waste Disposal X Production	X Deep OPERATOR'S WELL #: WDTN5AHSU
X Gas Liquid Injection Storage	Shallow API WELL# 47 O61 COUNTY PERMIT
WATERSHED: DUNKARD CREEK ELEVATION: _	1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE	WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 20	07.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 20	07.36
DRILL X CONVERT DRILL DEEPER REDRILL PLUG OFF OLD FORMATION PERFORATE NEW FORMATION CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)	
TARGET FORMATION: POINT PLEASANT	ESTIMATED DEPTH: TVD: 13,335' ± TMD: 21,228' ±
WELL OPERATOR: CNX GAS COMPANY, LLC	DESIGNATED AGENT: CHRIS TURNER
Address: 1000 CONSOL ENERGY DRIVE	Address: 1 DOMINION DRIVE
City CANONSBURG State PA Zip Code 15317	City JANE LEW State WV Zip Code 26378









DRIVING DIRECTIONS FOR CNX WDTN5IHSM WELL SITE

From interstate 79 North in WV, take exit 1 toward Mt Morris.

Turn left onto Bald Hill Road/Locust Ave/T865, 0.6mi.

Slight right onto T329/Wades Run Road, 300 feet.

Turn left onto Buckeye Road (entering WV), 3.7 mi.

Turn right onto WV-7 W, 13.9 mi.

Turn right onto Stewarts Run/Wise Run, 1.5 mi.

Entrance to well site on Right

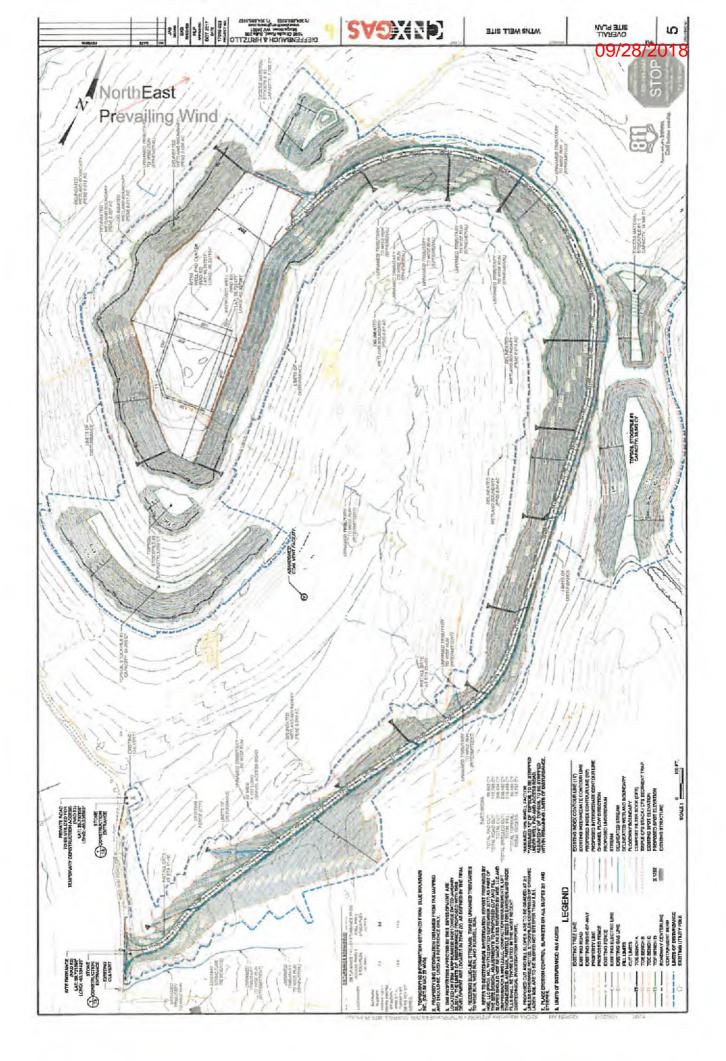
NEAREST FIRE STATION:

Wadestown Fire Department

Mason Dixon Highway

Wana, WV 26590

(304) 662-6331



API Number 47 -	-	09/28/2018
Operator's Wel	I No works	103/20/20 10

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX Gas Company, LLC	OP Code 494458046
Watershed (HUC 10) Dunkard Creek	Quadrangle Wadestown
Do you anticipate using more than 5,000 bbls of water to comp	lete the proposed well work? Yes No No
Will a pit be used? Yes No V	
If so, please describe anticipated pit waste: no pits	
Will a synthetic liner be used in the pit? Yes	No If so, what ml.? NA
Proposed Disposal Method For Treated Pit Wastes:	
Land Application	
Underground Injection (UIC Permi	t Number 47-001-00561, 47-097-01514, 47-097-01613, 34-013-2-0609
Reuse (at API Number WDTN2 wells A	
Off Site Disposal (Supply form WW Other (Explain No Pits	-9 for disposal location)
Will closed loop system be used? If so, describe: Yes	
Drilling medium anticipated for this well (vertical and horizontal	al)? Air, freshwater, oil based, etc. Vertical air from upud/sorface to convenich off point (NOP).
-If oil based, what type? Synthetic, petroleum, etc. Sy	Horizontal: synthetic oil-based mud (SOBM) from curve KOP to lateral TD
Additives to be used in drilling medium? Bactericide, Polymers, a	and Weighting Agents
Drill cuttings disposal method? Leave in pit, landfill, removed	Offsite, etc. Land Application of soil conductor cuttings only, rock cuttings will be taken to an approved Landfill
-If left in pit and plan to solidify what medium will be	
-Landfill or offsite name/permit number? See attached.	
Permittee shall provide written notice to the Office of Oil and G West Virginia solid waste facility. The notice shall be provided where it was properly disposed.	as of any load of drill cuttings or associated waste rejected at any within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the West Vir provisions of the permit are enforceable by law. Violations of law or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based	onditions of the GENERAL WATER POLLUTION PERMIT issued riginia Department of Environmental Protection. I understand that the any term or condition of the general permit and/or other applicable examined and am familiar with the information submitted on this on my inquiry of those individuals immediately responsible for the, accurate, and complete. I am aware that there are significant lity of fine or imprisonment.
Company Official Signature Can Hoon	
Company Official (Typed Name) Raymond Hoon	
Company Official Title Supervisor - Permitting	
Subscribed and sworn before me this day of	20 COMMONWEALTH OF PENNSYLVANIA
My commission expires Furnary 23, 2019	Notary Public Lori L. Walker, Notary Public Richhill Twp., Greene County My Commission Expires Feb. 23, 2019
THE THE PARTY AND	MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

roposed Revegetation Treatm	ent: Acres Disturbed	46.90	Prevegetation	_{pH} 6.5
Lime according to pH t	est Tons/acre or to co	rrect to pH 7.0		
Fertilizer type 10-20)-20			
Fertilizer amount_50	0	lbs/acre		
Mulch hay or stra	w @ 2	Tons/acre		
		Seed Mix	tures	
Tem	iporary		Per	nanent
Seed Type Orchard Grass	lbs/acre 25		Seed Type Orchard Grass	lbs/acre 25
Birdsfoot Trefoil	15		Birdsfoot Trefoil	15
Ladino Clover	10		_adino Clover	10
Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application	and proposed area for it will be land applied n area.	, include dimensi	(unless engineered plans inc ions (L x W x D) of the pit,	cluding this info have band dimensions (L x W
Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application Photocopied section of involve	and proposed area for it will be land applied n area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans indicate ons (L x W x D) of the pit,	cluding this info have b and dimensions (L x W
Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application	and proposed area for it will be land applied in area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans incoms (L x W x D) of the pit,	cluding this info have b and dimensions (L x W
Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application Photocopied section of involve	and proposed area for it will be land applied n area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans inc ons (L x W x D) of the pit,	cluding this info have b and dimensions (L x W
Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application Photocopied section of involve Plan Approved by:	and proposed area for it will be land applied n area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans inc ons (L x W x D) of the pit,	cluding this info have b and dimensions (L x W
Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application Photocopied section of involve Plan Approved by:	and proposed area for it will be land applied n area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans incoms (L x W x D) of the pit,	cluding this info have the hand dimensions (L x W
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Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application Photocopied section of involve Plan Approved by:	and proposed area for it will be land applied n area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans incoms (L x W x D) of the pit,	cluding this info have be
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Attach: Maps(s) of road, location, pit a provided). If water from the pit acreage, of the land application Photocopied section of involve Plan Approved by:	and proposed area for it will be land applied n area, ed 7.5' topographic sh	, include dimensi	(unless engineered plans incons (L x W x D) of the pit,	cluding this info have beand dimensions (L x W

Contact Information Barbara Harsanye: work: 330-536-8013 x 120 cell: 330-423-7267 317-921-1667 or 480-627-2700 1-800-634-0215 Jack Palerno: work: 330-536-8013 cell: 330-806-9660 Disclaimer: Vendors have been approved for the below category by ENV. UPDATED AGREEMENT with MSCM MUST BE CONFIRMED. Scrikes Solid Waste HSE APPROVED NON-HAZARDOUS WASTE DISPOSAL FACILITIES (version 05-23-2016) Friable Non-Friable Astrestos Astrestos Other Accepted Waste Streams Sludge Construction & Industrial Contaminated Soll (Including Petrolcum) Waste Gas Specific Waste Streams Waste Drill . Lavvencoville
Little Plymouth
Richmond
Hurfcane
Wheeling (Short Creek)
Church Hill Irvine Morehead Rush Bellefontaine Bloomington Carleston Darville De Soco Dixon Dixon Greensville Hespeston LaSalle Lichfield Morris Koxana Spring field Frankfort Republic Services (Allied Waste) McLean County ERC/Colos County Brickyard Disposal Southern Illinois Regional Rotain

Rotain

San,amon Valley

Benen Valley

Green Valley

Clenched

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Williams County Celina
Carbon-Limestone**
Countywide Landfill**
Lorain County
Oxdand Marsh ustrial Landfills Southern Illinois Reg Lee County Upper Rock Island Bond County Illinois Landfill

Waste Management Industrial Landfills			Gas Spe.	Gas Specific Waste Streams	treams			0	ther Acceptes	Other Accepted Waste Streams	15				
Landfill	Location		Drill *	Waste	Waste	Contaminated Soil	Construction & Demolition Waste	Industrial	Studge	Friable	Non-Friable Ashestos	Process	Solidification	Municipal Solid Wester	Contact Information
Arden Landfill	Washington	M	×	×		X	×	×	×		-	×	×	X	
South Hills (Arnoni)	South Park	PA	×	×			×	×	×			×	×	×	
Kelly Run	Elizabeth	PA	×	×		×	×	×	×	7		×	×	×	
Valley Landfill	Irwin	PA	×	×		×	×	×	×	×	×	×	X	×	
Evergreen Landfill	Blairsville	PA	×	×		X	X	×						×	
Charleston Landfill Kanzwha Commo	Charleston	W	×	×		×	×	×	×			×		×	2000 AHER: 417-604-7720
Meadowfill Landfill	Brideeport	M	×	×		X	×	×	×	×	×	×	*	*	
Northwestern Landfill	Parkersbury	1		×		×	×	×	×			*	*		
S&S Grading Landfill	Clarksbare	3		×		×	×	×	×			×			
American Landfill	Waynesburg	HO		×		×	×	×	×	×	×	×	×	×	
Suburban RDF	Glenford	HO		×		×	×	×	×	×	×	×	×		Patty Landolt: 262-532-8001
Toshecton Landfill***	Coshocton	HO	X	×		×	X	×						×	John Miller: 1-800-963-4776
Mahoring Landfill	New Springfield	HO	X	×		X	X	X			×	×		×	200000000000000000000000000000000000000
Additional Landfills			Gas Sper	Gas Specific Waste Streams	treams			0	ther Accepte	Other Accepted Waste Streams	ns.				
Landfill	Location		Cuttings	Waste	Waste	Contaminated Soil (Including Petroleum)	Construction & Demolition Waste	Industrial	Studge	Friable	Non-Friable Asbestos	Process	Solidification	Municipal Solid Waste	Contact Information
Westmoreland Waste (WWLC Group)	111 Conner Lane, Belle Vernon, PA 15012	PA.	×	×		x	×	×	×	×	×		×	×	Mike Home: 412-552-4427 Mark Thomas: 724-929-7694
MAX Environmental	200 Max Drive, Bolger, PA 13019	ΡΛ	×	×		×	×	×	×				×	×	Carl Spadaro; 412-343-4900
MAX Environmental	233 MAX Lane Yuken, PA 15698	PA.	×	×		×	×	×	×				×	×	cell: 412-445-9789
Apex Sanitary landfill Apex Environmental)	11 County Road 78 Amsterdam, Ohio 43903	용	×	×		×	×	×	x				×	×	Joe Teterick: 740-275-2887 joet/d els-company.com
Rumpke, Mt. Sterling (Rumpke Consolidated)	30 Larison Rd, Jeffersonville, KY 40337	K	×	×		×	×	×		×	×			×	Carl Walter: 513-623-2471
Laurel Ridge Landfill Waste Connections of KV	3612 E State Highway 552 1 Hy, KV 40740	KY	×	×		×	×	×		×	×	×		×	Bruce Crouch: Work: 606-864-7996 Cell: 606-219-0261
	Chestnut Valley 1184 McCicliandtown Rd, McCicliandtown, PA 15458	PA	×	×		×	×	×	×					×	Tony Isbeine
Advanced Disposal	Greentree Landfill; 635 Toby Rd.; Kersey, PA	PA.	×	×		×	×	×	×					×	6184 Route 219, Brockway, PA 15824 814-590-9906
	Mostoller Lendfill; 7035 Glades Pike Rd.; Somerser, PA	₽.	×	×		×	×	×	×					×	

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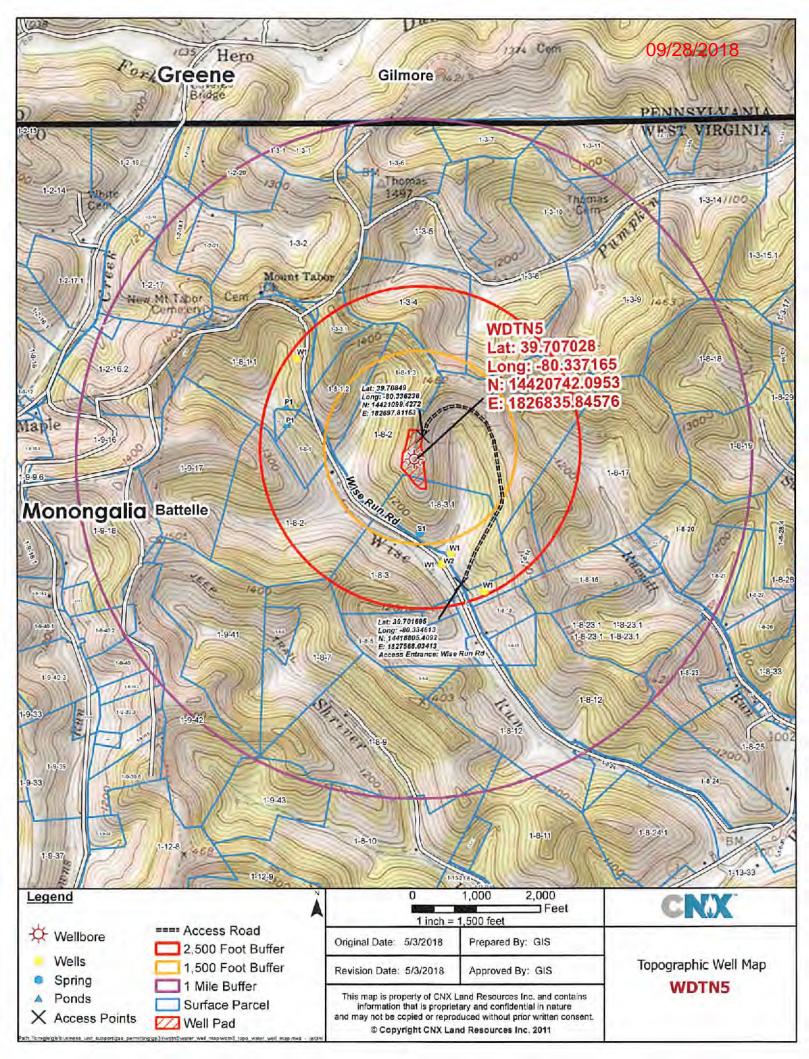
Waste stream accepted by facility.

Waste stream is not or may not be accepted by facility. Combact facility directly to verify waste streams accepted.

Waste stream is not or may not be accepted by facility. Combact facility directly to verify waste streams accepted.

* Drill Cuttings include fine sand for the purpose of this table (Contact facility directly to verify waste streams accepted).

Notes:



Surface Owner	Address	City	State	Zip		Acres	County Name	State Name	Phone Number
GROJEAN GALE D & MELBA L	WHITE CREEK	WANA	wv				Monongalia	West Virginia	863-453-4431
HARRISON DELORES J	DUNKARD CREEK	BURTON	wv		1-2-16.2		Monongalia	West Virginia	304-292-3502
BARNHOUSE THOMAS M		BURTON	wv	26562	1-2-17	40.236308	Monongalia	West Virginia	304-288-2797
MORGAN FREDERICK JR & PATRICIA	DUNKARD CREEK	BURTON	wv			2.300925	Monongalia	West Virginia	304-775-4086
HALL ROY LEE JR & ERICA E	BRUSHY FORK RD	BURTON	w				Monongalia	West Virginia	618-937-0171
HALL LEONARD E & PRINCESS BETH	WHITE CREEK	BURTON	wv				Monongalia	West Virginia	304-775-2440
HALL ROY L	WHITE CREEK	BURTON	wv	-			Monongalia	West Virginia	304-775-2764
HALL ROY L	WHITE CREEK	BURTON	wv				Monongalia	West Virginia	304-775-2764
MT TABOR CEMETERY	ROUTE 5/1	WANA	wv	26590			Monongalia	West Virginia	304-775-2764
WIT TABOR CEIVIETERY	KOUTE 3/1	WANA	wv			1.45701		West Virginia	Repeat
AAT TARON AA F CHURCH	DOLUTE E IA						Monongalia		304-775-2764
MT TABOR M E CHURCH	ROUTE 5/1	WANA	wv			0.80564	Monongalia	West Virginia	
CONSOLIDATION COAL COMPANY		BURTON	wv	26562			Monongalia	West Virginia	CONSOL
STILES CLARK DONLEY		BURTON	wv	26562			Monongalia	West Virginia	740-485-2622
SOLOMON CYNTHIA	ROUTE 1 WANA	BURTON	wv	26562	1-3-1.1	0.752988	Monongalia	West Virginia	304-296-9660
			l						724-451-8264
									(James)
			1						724-451-8457
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	wv		1-3-10		Monongalia	West Virginia	(earl)
CONSOLIDATION COAL COMPANY	PUMPKIN RUN	WANA	wv	26590	1-3-11	30.267327	Monongalia	West Virginia	CONSOL
								1	724-451-8264
									(James)
								1	724-451-8457
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	w	26590	1-3-14	95.714419	Monongalia	West Virginia	(earl)
CONSOLIDATION COAL COMPANY	DUNKARD CREEK	BURTON	wv	26562	1-3-2	83.0675	Monongalia	West Virginia	CONSOL
VOLK FRANK W SR MARITAL TRUST & FRANK W VOLK SR NO	ROUTE 1 WANA	BURTON	w	26562		1.08675	Monongalia	West Virginia	304-292-0475
MACYDA STEVEN M	ROUTE 1 WANA	BURTON	w		1-3-3.1	14.634746	Monongalia	West Virginia	724-496-5407
									724-451-8264
							1		(James)
									724-451-8457
TANKOR MARKE EDWARD & FARI IVAN	1023 PUMPKIN RUN RD	WANA	w	26590	1.2.4	51.907506	Monongalia	West Virginia	(earl)
TAYLOR JAMES EDWARD & EARL LYNN	1023 POMPKIN KON KD	WANA	WV	20350	1-3-4	31.307300	MONORBANA	West Anguna	724-451-8264
		ľ							(James)
		Ì							724-451-8457
				l	l. <u>.</u> _				
THOMAS DENNIS & ROSE	ROUTE 1 WANA	BURTON	wv	26562			Monongalia	West Virginia	(earl)
THOMAS DENNIS & ROSE	ROUTE 1 WANA	BURTON	wv	26562		39.258539	Monongalia	West Virginia	304-662-6105
SHOUGH JAMES LEON	ROUTE 1 WANA	BURTON	wv	26562	1-3-7	21.081274	Monongalia	West Virginia	304-451-8464
	İ		i		,	i			724-451-8264
									(James)
									724-451-8457
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	w	26590	1-3-8	80.137351	Monongalia	West Virginia	(earl)
						ĺ			724-451-8264
						ļ			(James)
				l		1		l	724-451-8457
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	w	26590	1-3-9	89.056912	Monongalia	West Virginia	(earl)
AREHEART HENRY W & LYNDA M		WANA	w	26590	1-8-1	13.246159	Monongalia	West Virginia	412-561-7795
NEELY GARY L & ARLENE ANN	ROUTE 1 WADESTOWN	BURTON	w	26562	1-8-1.1	63.126874	Monongalia	West Virginia	304-662-6704
DEATON DAVID W & ELIZABETH K	DUNKARD CREEK								
THOMAS EDWARD L, DAVID WAYNE & DOROTHY L STEWART		IWANA	wv	26590	1-8-1.2	26.170619	Monongalia	West Virginia	412-678-3972
	1	WANA	wv		1-8-1.2 1-8-1.3	26.170619	Monongalia Monongalia	West Virginia West Virginia	412-678-3972 330-507-4510
	DUNKARD CREEK	WANA	wv	26590	1-8-1.3	21.04428	Monongalia	West Virginia	330-507-4510
AREHEART HENRY W & LYNDA M	DUNKARD CREEK	WANA WANA	wv wv	26590 26590	1-8-1.3 1-8-1.4	21.04428 2.347431	Monongalia Monongalia	West Virginia West Virginia	
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN	DUNKARD CREEK WISE RUN RD	WANA WANA WANA	wv wv	26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5	21.04428 2.347431 0.949482	Monongalia Monongalia Monongalia	West Virginia West Virginia West Virginia	330-507-4510 412-561-7795
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE	DUNKARD CREEK WISE RUN RD 11 MONA LN	WANA WANA WANA WADESTOWN	wv wv wv	26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10	21.04428 2.347431 0.949482 107.980509	Monongalia Monongalia Monongalia Monongalia	West Virginia West Virginia West Virginia West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1	WANA WANA WANA WADESTOWN WANA	wv wv wv wv	26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11	21.04428 2.347431 0.949482 107.980509 88.799872	Monongalia Monongalia Monongalia Monongalia Monongalia	West Virginia West Virginia West Virginia West Virginia West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD	WANA WANA WANA WADESTOWN WANA WANA	wv wv wv wv	26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841	Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia	West Virginia West Virginia West Virginia West Virginia West Virginia West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD	WANA WANA WADESTOWN WANA WANA WANA	wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997	Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia	West Virginia West Virginia West Virginia West Virginia West Virginia West Virginia West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD 271 WISE RUN RD	WANA WANA WADESTOWN WANA WANA WANA WANA	wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12.1	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452	Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia	West Virginia West Virginia West Virginia West Virginia West Virginia West Virginia West Virginia West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD 271 WISE RUN RD ROUTE 1	WANA WANA WADESTOWN WANA WANA WANA WANA WANA WANA	wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12,1 1-8-13	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292	Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD	WANA WANA WANA WANA WANA WANA WANA WANA	wv wv wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12.1 1-8-13 1-8-13.1	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755	Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD	WANA WANA WADESTOWN WANA WANA WANA WANA WANA WANA WANA W	wv wv wv wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12.1 1-8-13 1-8-13.1 1-8-14	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK	WANA WANA WADESTOWN WANA WANA WANA WANA WANA WANA WANA W	wv wv wv wv wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12.1 1-8-13 1-8-13.1 1-8-14 1-8-15	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778 Unknown
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	wv wv wv wv wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12.1 1-8-13.1 1-8-13.1 1-8-14 1-8-15 1-8-16	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6856
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK	WANA WANA WANA WANA WANA WANA WANA WANA	wv wv wv wv wv wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12.1 1-8-13.1 1-8-13.1 1-8-14 1-8-15 1-8-16.1	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.002452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6856 304-879-5105
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	wv wv wv wv wv wv wv wv wv wv wv	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13 1-8-13 1-8-13 1-8-15 1-8-16 1-8-16.1 1-8-17	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6778 Unknown 304-662-6856 304-879-5105 724-455-4739
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12.1 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-17 1-8-18	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 3.242026 108.688605 64.841967	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6856 304-879-5105 724-455-4739 CONSOL
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 UNKARD CREEK ROUTE 1 WANA ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12.1 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-17 1-8-18	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6856 304-879-5105 724-455-4739 CONSOL
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659 140.720517	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-678 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 Unknown 304-662-6779 CONSOL 435-613-7010
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 UNKARD CREEK ROUTE 1 WANA ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12 1-8-13 1-8-13 1-8-13 1-8-14 1-8-16 1-8-16.1 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2 1-8-2	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-678 Unknown 304-662-6856 304-879-5105 724-455-4739 CONSOL 435-613-7010 435-613-7010
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 ROUTE 1	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.22022 9.197755 17.273808 26.504615 4.643445 3.242026 64.841967 64.841967 140.720517 89.387371 34.36836	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6791 Unknown 304-662-6791 304-662
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1 WANA ROUTE 1 WANA ROUTE 1 WANA	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12 1-8-13 1-8-13 1-8-13 1-8-14 1-8-16 1-8-16.1 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2 1-8-2	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-672-6782 304-6782
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD 271 WISE RUN RD 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ANA ROUTE 1 WANA ROUTE 1 WANA	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-12 1-8-13 1-8-13 1-8-13 1-8-14 1-8-15 1-8-16 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2 1-8-2 1-8-2	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.22022 9.197755 17.273808 26.504615 4.643445 3.242026 64.841967 64.841967 140.720517 89.387371 34.36836	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6856 304-879-5105 724-455-4739 CONSOL CONSOL 435-613-7010 435-613-7010 435-613-7010 724-869-3959 304-662-6299 304-777-2364
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W KIRBY TROY EDWARD & BARBARA ANNE	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 WANA	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12.1 1-8-13 1-8-13 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-19 1-8-2 1-8-2 1-8-2 1-8-20 1-8-21 1-8-23	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 89.387371 34.36836 18.481783	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-672-6782 304-6782
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W KIRBY TROY EDWARD & BARBARA ANNE WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD UUNKARD CREEK ROUTE 1 DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 WANA ROUTE 1 149 RUSSELL RUN DUNKARD CREEK	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12.1 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371 34.36366 18.481783 30.210617	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6856 304-879-5105 724-455-4739 CONSOL CONSOL 435-613-7010 435-613-7010 724-869-3959 304-662-6299 304-777-2364
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY HOSTUTLER BONNIE R WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 WANA ROUTE	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13.1 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-17 1-8-18 1-8-19 1-8-2 1-8-20 1-8-20 1-8-23 1-8-23.1	21.04428 2.347431 0.949482 107.980509 88.799872 1.000452 10.220292 9.197755 17.273808 26.504615 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371 34.36836 18.481783 30.210617 49.631963	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6253 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6856 304-879-5105 724-455-4739 CONSOL CONSOL 435-613-7010 435-613-7010 724-869-3959 304-662-6299 304-777-2364 304-777-2364
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W KIRBY TROY EDWARD & BARBARA ANNE WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY HOSTUTLER BONNIE R WILSON JACKIE	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 WANA ROUTE 1 WA	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13 1-8-13 1-8-13 1-8-14 1-8-15 1-8-16 1-8-16 1-8-16 1-8-19 1-8-2 1-8-	21.04428 2.347431 0.949482 107.980509 88.799872 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371 34.36836 18.481783 30.210617 49.631963	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6358 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6778 Unknown 304-662-6780 CONSOL 435-613-7010 435-613-7010 724-869-3959 304-677-2364 304-777-2364
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W KIRBY TROY EDWARD & BARBARA ANNE WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY HOSTUTLER BONNIE R WILSON JACKIE LEMLEY SHARON	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 ROUTE 1 WANA ROUTE 1 AROUTE 1 ROUTE 1 ROUTE 1 LAPP RUSSELL RUN DUNKARD CREEK	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-19 1-8-2 1-8-2 1-8-20 1-8-21 1-8-23.1 1-8-23.1	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 59.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371 34.36836 18.481783 30.210617 49.631963 49.631963	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6358 304-662-6791 304-662-6791 304-662-6791 304-662-6778 Unknown 304-662-6778 Unknown 304-662-678 CONSOL 435-613-7010 435-613-7010 724-4869-399 304-662-6299 304-777-2364 304-777-2364 304-662-6460
AREHEART HENRY W & LYNDA M NEELY GARY L & ARLENE ANN BECKNER TROY DAVID& JANET LEE & SMITH(LIFE-TROY LE DEBERRY CHESTER E & BARBARA J SHRIVER BARBARA S SHRIVER BARBARA S & GREGORY L AMMONS DAVID M & JESSICA L AMMONS DAVID M & JESSICA L EFAW DONALD A & AMY BETH RUSSELL DEWEY & BEATRICE EST STEWART BETTY HOLMES LENA DENICE & DONRA JEAN WILLARD NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY & ET AL WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE LYTLE KENNETH W KIRBY TROY EDWARD & BARBARA ANNE WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY HOSTUTLER BONNIE R WILSON JACKIE	DUNKARD CREEK WISE RUN RD 11 MONA LN ROUTE 1 70 WISE RUN RD 271 WISE RUN RD ROUTE 1 462 WISE RUN RD 497 WISE RUN RD DUNKARD CREEK ROUTE 1 WANA ROUTE 1 ROUTE 1 WANA ROUTE 1 WA	WANA WANA WANA WANA WANA WANA WANA WANA	WV	26590 26590	1-8-1.3 1-8-1.4 1-8-1.5 1-8-10 1-8-11 1-8-12 1-8-12 1-8-13 1-8-13.1 1-8-14 1-8-15 1-8-16.1 1-8-16.1 1-8-19 1-8-2 1-8-2 1-8-20 1-8-21 1-8-23.1 1-8-23.1	21.04428 2.347431 0.949482 107.980509 88.799872 55.250841 69.6997 1.000452 10.220292 9.197755 17.273808 26.504615 4.643445 3.242026 108.688605 64.841967 53.187659 140.720517 89.387371 34.36836 18.481783 30.210617 49.631963 49.631963	Monongalia	West Virginia	330-507-4510 412-561-7795 304-662-6704 605-290-2307 304-534-4432 304-662-6358 304-662-6358 304-662-6213 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6791 304-662-6856 304-879-5105 724-455-4739 CONSOL 435-613-7010 435-613-7010 724-869-3959 304-777-2364 304-777-2364 304-777-2364 304-662-6460 304-366-0293

09/28/2018

EFAW KENNETH W & DONNA P	509 WISE RUN RD	WANA	wv	26590	1-8-4	3.069929	Monongalia	West Virginia	304-662-6451
EFAW KENNETH W & DONNA P	509 WISE RUN RD	WANA	wv	26590	1-8-5	31.982391	Monongalia	West Virginia	304-662-6451
BARR NELSON E & VIRGINIA L	503 WISE RUN RD	WANA	wv	26590	1-8-5.1	3.342155	Monongalia	West Virginia	304-676-9332
CARMAN MARGUERITTE K	459 WISE RUN RD	WANA	wv	26590	1-8-5.2	3.971234	Monongalia	West Virginia	252-753-2400
BARNHART MICHAEL L & VIRGINIA M	ROUTE 1	BURTON	wv	26562	1-8-6	8.291782	Monongalia	West Virginia	717-294-6060
BARNHART MICHAEL L & VIRGINIA M	ROUTE 1	BURTON	wv	26562	1-8-7	50.730123	Monongalia	West Virginia	717-294-6060
EFAW KENNETH W & DONNA P	509 WISE RUN RD	WANA	wv	26590	1-8-8	7.166514	Monongalia	West Virginia	304-662-6451
BARNHART MICHAEL L & VIRGINIA M	ROUTE 1	WANA	wv	26590	1-8-9	109.945499	Monongalia	West Virginia	717-294-6060
WHITE GLEN LOWELL & SHARRON & RUTH WHITE BARTHOLOM	WHITE CRK	BURTON	wv	26562	1-9-16	46.284772	Monongalia	West Virginia	828-456-9177
CONSOLIDATION COAL COMPANY	BROWN RUN	WANA	wv	26590	1-9-17	66.854976	Monongalia	West Virginia	CONSOL
CASSONE RICHARD J & LINDA ANN	BROWN RUN	BURTON	wv	26562	1 -9 -18	65.401598	Monongalia	West Virginia	609-294-1325
HENDERSON DAVID & GAIL & AGNES	BROWNS RUN	BURTON	wv	26562	1-9-39.2	6.817189	Monongalia	West Virginia	304-662-6780
PATTERSON WILLIAM A & CATHY A	288 BROWN RUN RD	BURTON	wv	26562	1-9-39.3	10.738947	Monongalia	West Virginia	304-662-6298
THOMAS DENNIS L & ROSE L	BROWN RUN RD	BURTON	wv	26562	1-9-40	11.609823	Monongalia	West Virginia	304-662-6105
THOMAS DENNIS L & ROSE L	BROWN RUN RD	BURTON	wv	26562	1-9-40.2	12.469171	Monongalia	West Virginia	304-662-6105
PROVANCE REGIS V & BONNIE	217 BLUE GOOSE RD	BURTON	wv	26562	1-9-41	77.056213	Monongalia	West Virginia	724-544-4871
THOMAS DENNIS L & ROSE L	BROWNS RUN	BURTON	wv	26562	1-9-42	68.508491	Monongalia	West Virginia	304-662-6105
BECKNER TROY DAVID &JANET LEE & SMITH(LIFE-TROY LE	BROWN RUN RD	BURTON	wv	26562	1-9-43	41.127269	Monongalia	West Virginia	605-290-2307
PROVANCE REGIS V & BONNIE M	DUNKARD CREEK	BURTON	wv	26562	1-9-44	1.406055	Monongalia	West Virginia	724-544-4871

Surface Ownership - Drill Tract Only

Name	Address
John Matthew Wise and Dina Wise	2255 East 6500 South, Price, UT 84501
Opal Wise	2002 West 600 North Hilltop Road, Price, UT 84501
Richard Nunley	261 Festival Drive, Oceanside, CA 92057
Patricia Mumaw	3344 Northridge Drive, Wooster, OH 44691
Donald Nunley	36 Autumn Drive, Core, WV 26541
Mary Nunley Stepelton	7739 South Hampton Terrace, Unit G204, Tamarac, FL 33321
Thomas McCauley	220 Kennedy Street, Apt 5, Louisville, OH 44641
Richard McCauley	2589 Timothy Ave., Louisville, OH 44641
Judy Eckman	630 Coniston Drive, Leland, NC 28451-9754
Clifford J. Wise	2394 County Road 137, Obrien, FL 32071
Regina W. Myers	1200 Carroll Heights Blvd., Hagerstown, MD 21742
Eleanor Wise	126 Fairview Ave., Waynesburg, PA 15370
Victor E. Wise	PO Box 7437, Charleston, WV 25356
Frederick C. Wise	1 West Hills Drive, Fairmont, WV 26554
Walter C. Ord	P.O. Box 802, McDowell, KY 41647
Evalee A. Everly	1325 Citrus Gardens Dr., Apt A, Orlando, FL 32807
Dexter Murle Stewart	1283 Crossroads Road, Fairview, WV 26570
Zelma Ruth Brummage	3036 Main St., Farmington, WV 26571
James Freeman Stewart	1206 Marion Ave. Fairmont, WV 26554
Justin P. Stewart	322 W. Main Street, Martinsburg, WV 25404
	132 Radiant Drive, Martinsburg, WV 25404
Annette Stewart	41 Mimosa Dr., Martinsburg, WV 25404
Estate of Debora Goff, c/o Dawn Hughes	1134 Brooke Rd., Stafford, VA 22405
Walter Currence	16200 Bealle Hill Road, Waldorf, MD 20601
Maureen Currence	203 Silver Maple Ct., Holly Ridge, NC 28445
Michelle Currence	1 Carroll Drive, Stafford, VA 22554
Robert Stewart	Lot 1, Route 21 MHP, Carmichaels, PA 15320
Phyllis Petrosky	110 Chess St., Apt 401, New Eagle, PA 15067
Jesse D. Jones	308 1/2 Crest Ave., Charleroi, PA 15022
Harold M. Jones	317 Crest Ave., Charleroi, PA 15022
CNX Gas Company LLC	1000 Consol Energy Drive, Canonsburg, PA
Jane Irons	P.O. Box 681, Tellico Plains, TN 37385
Melissa Bookout	311 West Walnut St., Madisonville, TN 37354

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CHX GAS CONFANY LLC 1000 CONSOL EVERGY IN CANONISDERG PA 15317-6506 Hononsalia County 09/28/2018
Carye L Blaney, Clerk
Instrument 716600
03/21/2018 © 01:18:01 FH
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Book 128 © Pase 490
Pases Recorded 3

CERTIFICATION OF CONSENT AND EASEMENT (Deep Weilspirding Cost \$

11.00

The undersigned, Opal Jane Wise, Life Estate Holder, and John Matthew Wise and Dina M. Wise, Remaindermen, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated February 6, 2015 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1520,
 Page 510 as Instrument No. 582526.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10 day of Citer 2017.

Opal Jane Wise

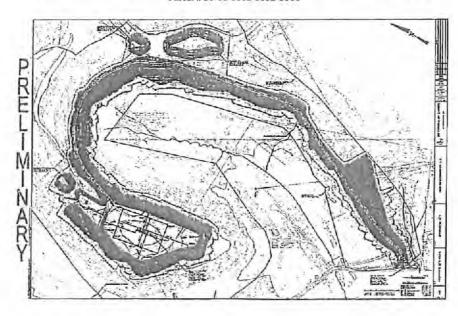
John Matthew Wice

Dina M. Wise

STATE OF ()tah	
COUNTY OF	·
The foregoing instrument was acknowled 2017 by Opal Jane Wise, Life Estate Holder.	ged before me on the 10 day of October,
In witness hereof, I hereunto set my hand and offi	cial seal.
(Notarial Scal) -TIMOTHY L-FRAME HOTARY PUBLIC: STATE OF UTAH COMMISSION# 693804 COMM. EXP. 04-29-2021	NOTARY PUBLIC My Commission expires: 4-29-7021
STATE OF Utah COUNTY OF Cachon The foregoing instrument was acknowled 2017 by John Matthew Wise and Dina M. Wise	ged before me on the <u>10</u> day of <u>October</u> ,
In witness hereof, I hereunto set my hand and offi	icial seal.
(Notarial Seal) TIMOTHY L FRAME HOTH PUBLIC-STATE OF UTAH COMMISSION # 693804 COMM. EXP. 04-29-2021	NOTARY PUBLIC My Commission expires: 4-29-202)

Attached hereto and made a part of that certain Agreement dated __f_eb_. ob_______, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (OPERATOR), and Opal Jane Wise, Life Estate Holder, having an address at 2002 West 600 North Hilltop Road, Price, Utah 84501 and John Matthew Wise and Dina M. Wise, Remaindermen, as joint tenants with right of survivorship, having an address at 2255 East 6500, South Price, UT 84501 (GRANTOR).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Opal Jane when

VILO 0128 PG 0513

DIEK GAS CONPANY LLE 1000 CONSOL ENERGY IN CANEDASBURG PO 15317-6506 Hononsalia County Carve L Nlaney, Clerk Instrument 716611. 03/21/2018 @ 01:18:01 KISCELLANEOUS Rook 128 9 Page 513 Passes Recorded 3

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Richard A. Nunley and Diana K. Nunley, husband and wife, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated July 21, 2017 which is of record in the Office of the County Clerk of Monongalia County in Book 1596, Page 378 as Instrument No. 694477.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this D8 day of October . 2017. STATE OF COUNTYQF The foregoing instrument was acknowledged before me on the 2017 by Richard A. Nanley and Diana K. Nunley, husband and wife. In witness hereof, I hereunto set my hand and official seal. (Notarial Seal) **NOTARY PUBLIC** My Commission expires:

Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

* SEE- COT ATTACHMENT & well on Sile

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validify of that document.

and not the truthfulness, accuracy, or v	ralidity of that document.
State of California	.)
County of San Oltro	}
On Oct. ot. 2017 before me,	EVERY pri- total 00 Tany PUBLIC
name(s) pare subscribed to the within harsheithey executed the same in blank	EVENUE AND CIANA FOR DUNCE 9 actory evidence to be the person(s) whose instrument and acknowledged to me that er/their authorized capacity(les), and that by ont the person(s), or the entity upon behalf of einstrument.
I certify under PENALTY OF PERJURY the foregoing paragraph is true and cor	funder the laws of the State of California that
WITNESS my hand and official seal.	EVELYN M. GILES COMM. 82081784 MOTARY PUBLIC CALFORNIA D SAN DIESO COUNTY My Comm. Expins April 17, 2018
ADDITIONAL OPTIONAL INFORMATI	INSTRUCTIONS FOR COMPLETING THIS FORM ON This form complies with current California standar, regarding andry wording and,
DESCRIPTION OF THE ATTACHED DOCUMENT	If needed, should be completed and attached to the discussers. Action ledgments from other states may be completed for documents being sent to that state to long as the wording does not require the California natury ion.
(Title or description of effectived document) (Title or description of effectived document continued) Number of Pages Document Date	 State and County information must be the State and County where the document algority) personally appliend before the occury public for extraordistiparon. Date of notarization must be the date that the signerity personally appeared which must also be the same date the seknowledgment is completed. The notary public price intig this of her name as it appears within his or her commission followed by a comma and turn your title (notary public).
	Print the nemoth of document signs(s) who probably appear at the three of necessaries on. Indicate the correct pengular for plund focus by crossing off incorrect forms (i.e.
CAPACITY CLAIMED BY THE SIGNER Individual (6) Corporate Onliver	hablished-by- is law) or circling the cornect forms. Politors to cornectly indicate this instrumentian may lead to rejection of document recording: The rotary text impression must be clear and charge-phinally reproducible, impression smast not cover text or lines. If seal impression smades, re-scal if a sufficient arts permits, otherwise complete a different acknowledge-set form.
(Title) Partner(s) Attorney-in-Fact Trustee(s) Other	Signature of the custs y table must must be algorator on the with the office of the county clork. Additional information is not required but could help to ensure this acknowledgment is not required but could help to ensure this acknowledgment is not required to a different document. Indicate title of type of attached document, number of pages and date. Indicate the copacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Securety).
2016 Version www.HotaryClasses.com 170-873-8885	Sociardy attach this document to the signal descended with a steple,

W000128 M0515

VOL 0 1596 PC 0 380

Exhibit "A" 251557004

Attached hereto and made a part of that certain Agreement dated July 21, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonaburg, PA 15317, (Operator), and Richard A. Nunley and Diana K. Nunley, inusband and wife, of 261 Festival Drive, Oceanside, CA 92057 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel ≠31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Granter Approved

Richard A. Nunley

Diana K. Nunley

CNX Gas Company LLC

Timothy Setimok Assistant Vice Preside

VOLOO128 POO486.

CHX GAS COMPANY LLC 1000 CONSUL ENERGY OR CANUNSBURG PA 15317-6506 Hononsalia County O9/28/2018
Carve L Blaney, Clerk
Instrument 716598
03/21/2018 @ 01:18:01 FH
HISCELLANEOUS
Book 128 @ Page 486
Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

\$ 11.00

The undersigned, <u>Patricia J. Mumaw and Richard L. Mumaw</u>, both individually, and as wife and husband, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated May 31, 2017 which is of record in the Office of the County Clerk of Monongalia County in Book 1596, Page 256 as Instrument No. 694261.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 6th day of October	, 2017.
	Patricia J. Mumaw Patricia J. Mumaw
	Patricia J. Mumaw
	Richard I Mumaw
	Richard L. Mumaw
STATE OF Ohio	
COUNTY OF Wayne	

The foregoing instrument was acknowledged before me on the 6th day of 0chbcr. 2017 by Patricia J. Mumaw and Richard L. Mumaw, both individually, and as wife and husband.

In witness hereof, I hereunto set my hand and official seal.

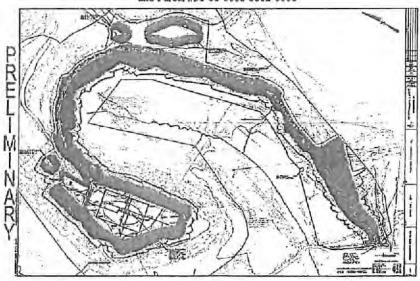
BLAIR HARPER
Notary Public, State of Ohio
My Comm. Expires 04/06/2022
Recorded in Ashland County

NOTARY PUBLIC

My Commission expires: 4-6-22

Attached hereto and made a part of that certain Agreement dated May 31, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Patricia J. Mumaw and Richard L. Mumaw, of 3344 Northridge Drive, Wooster, OH 44691(Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel #31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Patricia O-Mumai

Patricia J. Mumaw

Richard I Mumany

CNX Gas Company LEC

fimothy Surprick, Assistant Vice President

VOLO 0 1 2 8 PG 0 5 0 7

CHX GAS COMPANY LLC 1000 CONSOL ENERGY EX CANONSDURG PA 15317-6506 Henongalia County 09/28/2018 Carve L Blaney, Clerk Instrument 716608 03/21/2018 © 01:18:01 FH HISCELLANEOUS Book 128 © Page 507 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Cost \$

11.00

The undersigned, Donald E. Nunley, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated July 21, 2017 which is of record in the Office of the County Clerk of Monongalia County in Book 1596, Page 253 as Instrument No. 694260.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10th day of October, 2017.

Donald E. Nunley

STATE OF West Virginia COUNTY OF Monangalia

The foregoing instrument was acknowledged before me on the 10 day of October 2017 by Donald E. Nunley.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

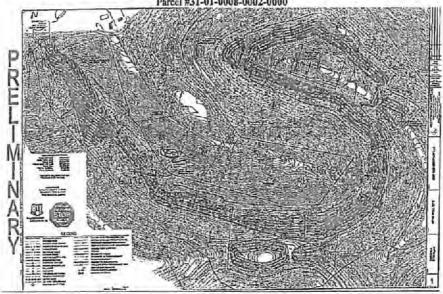
JONATHAN D. JONES
Notary Public Official Seal
State of West Virginia
My Comm. Expires Nov 27, 2021
One Dominion Daire Jane Lew WY 28378

NOTARY PUBLIC
My Commission expires:

• •

Attached hereto and made a part of that certain Agreement dated July 21, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Donald E. Nunley, widower, of 36 Autumn Drive, Core, WV 26541 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel #31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

CNX Gas Company LLC

Donald E. Nunley

Fingshy Surmick, Assistant View President

VOLOO128 P00528

CHX GAS COMPANY LLC 1000 CONSOL ENERGY RR CANONSBURG PA 15317-6506

Honomealia County 09/28/2018
Carre L Blaney Clerk
Instrument 716622
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Book 128 @ Page 528
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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Under Wells Wel

11.00

The undersigned, Mary Stepelton, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated February 11, 2015 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1528,
 Page 439 as Instrument No. 598555.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10th day of October, 2017.

Mary N Stepetton

Mary Stepetton

....

The foregoing instrument was acknowledged before me on the Other. 2017 by Mary Stepelton.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

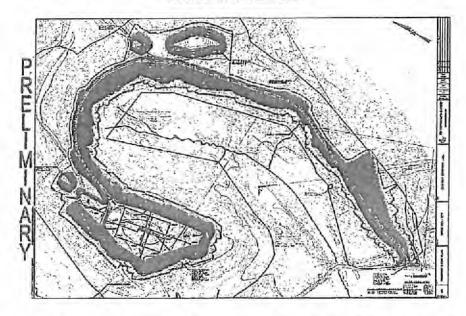
STATE OF FU

RACHEL HIGGINS
Notary Public, State of Florida
Commission# FF 182457
My comm. expires Oct. 24, 2017

My Commission expires: 10 24 17

Attached hereto and made a part of that certain Agreement dated Jewesy 1, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Mary Stepelton of 7739 Southhampton Terrace, Apt. G204, Tamarac, FL, 33321 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 31-01-0008-0002-0000



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

VOLOG128 PG0540

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Nononsalia County 09/28/2018
Carve L Blaney, Clerk
Instrument 716628
03/27/2018 © 01:33:52 PM
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Book 128 © Page 540
Pages Recorded 2
Recording Cost \$ 11.09

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Thomas McCauley, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 771 as Instrument No. 581239.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

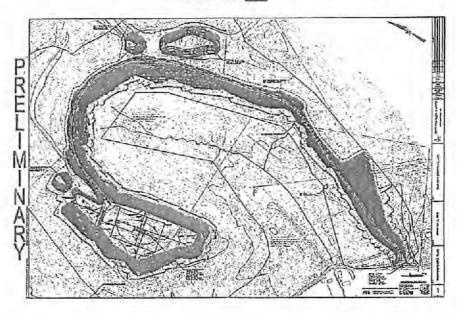
My Commission expires:

pio: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

1

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Thomas McCauley, of 220 Kennedy Street, Apt. 5, Louisville, OH 44641 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Thomas McCauley

TR 00128 760536

DEL DES EXPRIME LLC 1500 DORLL DESSE PE OPENEURS PA 15517-4506 Administration Comments of the Comment of the Comme

CERTIFICATION OF CONSENT AND EASUMENT (Deep Wells) The But &

The undersigned, Richard McCauley, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Moreongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the *Property*);
- He'she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 774 as Instrument No. 581242.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Vitginia Code, Section 22C-9-7(h)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 4 day of october . 2017.

Richard Mc Go. B.

STATE OF COUNTY OF LAND

The foregoing instrument was acknowledged before me on the 4 day of Act 2017 by Richard McCauley

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

DARLA J WALTERS
NOUN Public State of Onlo
Ny Comm Explain 11-18-2018

My Commission expires:

Prepared by Return to: CNX Gas Company LLC: 1000 CONSOL Energy Dr., Canonsbury PA 15317

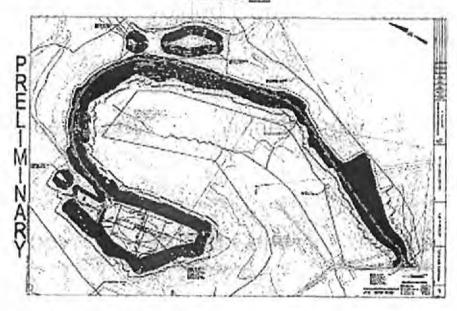
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W.00128 M0537

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 10%, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canoniburg, PA 15317, (Operator), and Richard McCauley of 2589 Timothy Ave., Louisville, OH 44641 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Granter Approved

Richard Mc Carley

Prepared by Return to CNX Gos Company LLC, 1000 CONSOR Trangy Drive, Caronatury, PA 15315

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11.0)

CERTIFICATION OF CONSENT AND FASEMENT (Deep Wells) The t

The undersigned, Judy Eckman, hereby certifies that:

- Ho'she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014
 which is of record in the Office of the County Clerk of Monongalia County in Book
 1520, Page 228 as Instrument No. 252002.
- 3. The Surface Use Agreement granted CNN Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an ensement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this and day of Cleaning 2017.

Judy Eckmani Judy Eckman

STATE OF NEW HAMPINE

The foregoing instrument was acknowledged before me on the 12 day of OCTOBETA.

2017 by Judy Eckman.

In witness hereof, I hereunto set my hand and official seal

NOTARY PUBLIC

My Commission expires: 2./2

CNN Gas Company LLC; 1999 CONSOL Friergy Dr., Caronthing PA 15317

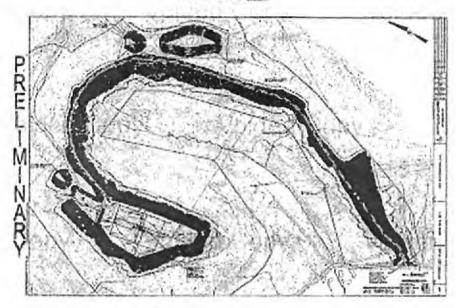
1

W100128 960496

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Judy Eckman of 1223 Berwyn Drive SW, Sherredsville, OH 44675 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Granter Approved

Judy Colomo

Prepared by Return to CNX Con Company ELC, 1680 CONSOL Energy Divis, Carcinolog, PA 15313

4

VOLO 0 1 2 8 PG 0 4 9 7

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSIGRG PA 15317-6506 Remonsalia County 09/28/2018
Carye L Blaney, Clerk
Instrument 716603
03/21/2018 @ 01:18:01 PM
HISCELLANEOUS
Book 128 @ Pass 497
Pases Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Under Cost \$

11.00

The undersigned, Clifford J. Wise, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated March 31, 2015 which is
 of record in the Office of the County Clerk of Monongalia County in Book 1529,
 Page 672 as Instrument No. 600090.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this Day of October, 2017.

STATE OF Florida
COUNTY OF SLUWANNER

The foregoing instrument was acknowledged before me on the 12 day of OCTOBER. 2017 by Clifford J. Wise.

In witness hereof, I hereunto set my hand and official seal.

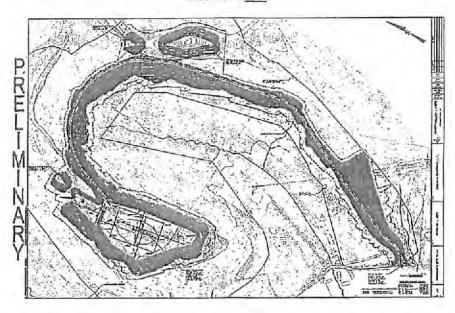
(Notarial Seal)

MELANIE BOWMAN
MY COMMISSION & GG 013378
EXPIRES: July 19, 2020
Booded Thru Hotany Public Undonwitters

NOTARY PUBLIC
My Commission expires:

Attached hereto and made a part of that certain Agreement dated March 31³¹, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Clifford J. Wise of 2394 County Road 137, Obrien, Florida 32071 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

WC00128 PG0544

CHX GAS COMPANY LLC 1000 CONSOL EMERGY DR CANONSMURG PA 15317-6506 Hononsalia County
Carye I. Rianey, Clerk
Instrument 716630
03/21/2018 © 01:33:52 FM
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Book 128 © Pase 544
Pases Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Regina Wise Myers a/k/a Violet Regina Myers, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 757 as Instrument No. 581227.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

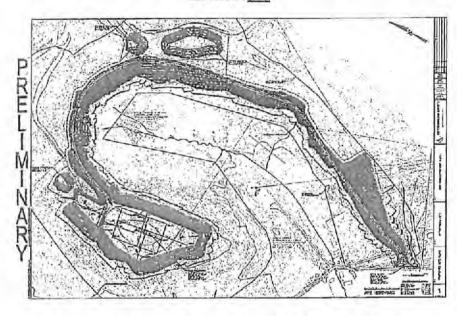
In witness hereof, I hereunto set my hand and official seal.

(Notaria Seal NOTARY PUBLIC STATE OF WEST VIRGINIA HOLLY L LYNCH FAIRMONT, WY 2554-2139
by concission expires November 12, 2018

NOVARY PUBLIC My Commission expires: NOV 12, 2018

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Regina Wise Myers a/k/a Violet Regina Myers of 22 Jason Way, Fairmont, WV 26554 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Regina Wise Myers afth Violet Regina Myers

VALD:0128 PG0505

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Honongalia County Carve L Blaney, Clerk Instrument 716607 03/21/2018 @ 01:18:01 FH HISCELLANEOUS Book 128 € Page 505

Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Eleanor J. Wise, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 3, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1513, Page 691 as Instrument No. 573542.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 4th day of October

The foregoing instrument was acknowledged before me on the $\frac{\mathcal{G}}{\mathcal{G}}$ 2017 by Eleanor J. Wise.

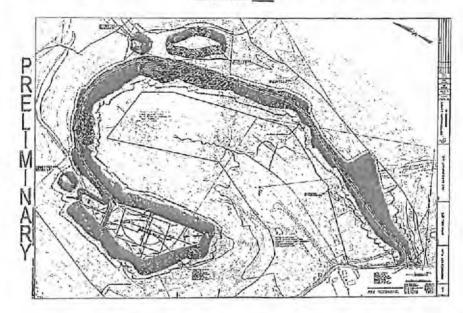
In witness hereof, I hereunto set my hand and official seal

(Notarial Sea

CHANDRA L. KIMBLE
NOTARY PUBLIC
STATE OF WEST VIRGINIA
P.O. BOYGS
Elizichyllo, WV 26521
y Commission Expires April 22, 2004

Attached hereto and made a part of that certain Agreement dated December 3rd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Eleanor J. Wise, of 126 Fairview Avenue, Waynesburg, PA 15370 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

VILOU128 PG0499

CHX GAS COMPANY LLC 1000 COMBOL ENERGY DR CANDINSBURG PA 15317-4506 Hononsalia County 09/28/2018
Carve L Rlaney, Clerk
Instrument 716604
O3/21/2018 @ 01:18:01 FM
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Pook 128 @ Pase 499
Pases Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Victor E. Wise, by his Agent, Vicki Webb, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 16, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 751 as Instrument No. 581223.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.
- 4. Vicki Webb has been authorized to act on behalf of Victor E. Wise pursuant to the Durable Power of Attorney executed by Victor E. Wise on January 11, 2015, and recorded in the Office of the Clerk of the County Commission of Monongalia County, West Virginia in Book 35, Page 216.

Executed this // day of October	Ville Nell POA
	Cicle Nato POA
	Victor E. Wise, by his Agent, Vicki Webb
STATE OF WEST VIRGINIA	
COUNTY OF KANAWHA	

The foregoing instrument was acknowledged before me on the <u>the</u> day of <u>BCTDBLR</u>, 2017 by Victor E. Wise, by his Agent, Vicki Webb.

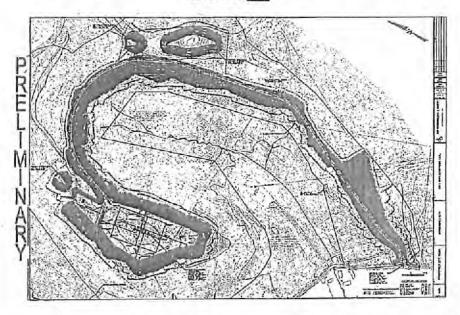
In witness hereof, I hereunto set my hand and official seal.

(Note: ia) SEE! MOTARY PUBLIC OFFICIAL SEAL ALEDA RAE LANHAM
State of Wast Virginia
My Comm. Explose Aug 28, 2022
Cross Lancs Eliab (Charth 5442 Big Tyler Rd)
Tross Lanes WV 25313

<u>Oleda Kaz Banham</u> NOTARY PUBLIC My Commission expires: <u>Aug 26,202</u>2

Attached hereto and made a part of that certain Agreement dated December 16th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Victor E. Wise of 266 Pine Drive, Poca, WV 25159 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

VOLOO128 PG0532

CNX GAS CUMPANY LLC 1000 CONSOL ENERGY DR CANONSPORG PA 15317-6506 Romenalia County 09/28/2018
Carve L Blaney, Clerk
Instrument 716624
03/21/2018 @ 01:33:52 PH
HISCELLAHFOUS
Book 128 @ Pase 532
Pases Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, <u>Fred C. Wise and Alice F. Wise, both individually and as husband and wife, hereby certifies that:</u>

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 736 as Instrument No. 581204.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

2017 by Fred C. Wise and Alice F. Wise, both individually and as husband and wife. In witness hereof, I hereunto set my hand and official seal.

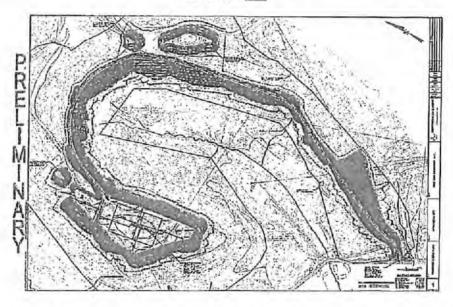
CFFCIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
DIANE E. FLOYD
12 EMILY CT.
FAIRMONT, WV 28354
By consultation cupies September 27, 2011

NOTARY PUBLIC

My Commission expires: September 27, 202

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Fred C. Wise and Alice F. Wise, both individually and as husband and wife, of #1 West Hills Drive, Fairmont, WV 26554 (Grantor).

Property being lucuted in Buttelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

VOLOO128 P60488

CHX GAS CONFANY LLC 1000 CONSOL ENERGY DR CANONESBURG PA 15317-6506 Hononsalia County 09/28/2018
Carye L. Blaney, Clerk
Instrument 716599
03/21/2018 @ 01:18:01 PH
MISCELLANEOUS
Book 128 @ Pase 488
Pases Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Walter C. Ord, hereby certifies that:

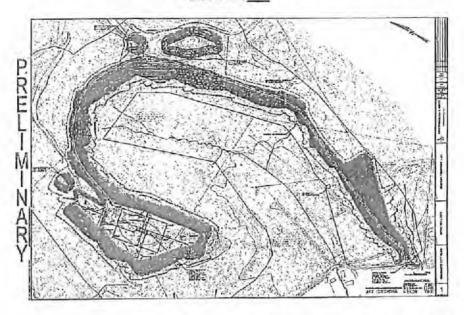
- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 16, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 760 as Instrument No. 581228.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Seturn to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

1

Attached hereto and made a part of that certain Agreement dated December 16th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and between Walter C. Ord, of 144 Middle Branch, McDowell, KY 41647 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Walter C. Ord

VOL 0 0 1 2 8 PG 0 5 3 0

CHX CAS COMPANY LLC 1000 CONSOL EVERGY DR CANONSHIRG PA 15317-6506 Kononsalia County 09/28/2018
Carve L Blaney, Clerk
Instrument 716623
03/21/2018 @ 01:33:52 PM
HISCELLANEOUS
Book 128 @ Page 530
Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Evalee A. Everly Shaheen, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated January 13, 2015 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1526,
 Page 574 as Instrument No. 594793.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this <u>v5</u>day of <u>October</u>, 2017.

Evalee A. Everly Shaheen

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me on the 5 day of Chobec., 2017 by Evalee A. Everly Shaheen.

LAVONA M. JOLLY Commission # FF 114008

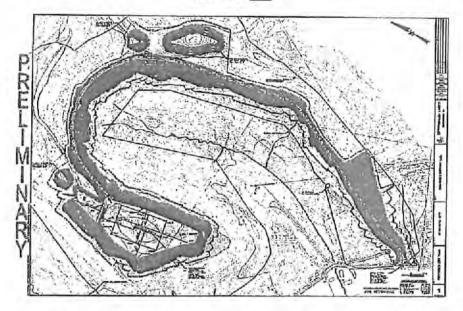
In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

Try commission expires.

Attached hereto and made a part of that certain Agreement dated January 13th, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Evalee A. Everly Shaheen of 1325 Citrus Gardens Dr., Apt. A, Orlando, FL 32807 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Evalee a. Everly Shaheen

雅00128 80493

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) with the

11.0

The undersigned, Dexter Murle Stewart, hereby certifies that:

- 1. He'she is an owner of the surface of that certain tract or psecel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He'she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 739 as Instrument No. 581213.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an essement contemplated under West Virginia Code, Section 22(1-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 10th day of October , 2017. STATE OF

The foregoing instrument was acknowledged before me on the 10 day of 00 tolum. 2017 by Deater Murie Stewart.

In witness hereof, I hereunto set my hand and official seal.

(Notaria

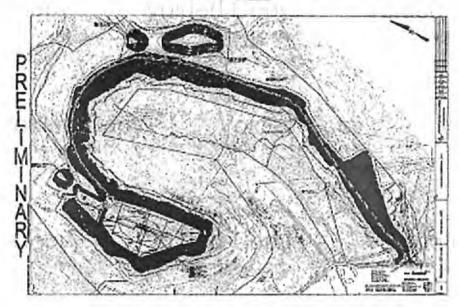
My Commission expires

VI 00128 900494

Exhibit "A"

Attached herein and made a part of that certain Agreement dated December 10*, 2014 by and between CNN Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Catomburg, PA 15317, (Operator), and Dexter Marie Stewart, of 1283 Crosscoads Road, Fairniew, WV 26570 (Grentor)

Property being located in <u>Battelle</u> District, <u>Monoagalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Greater Approved

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Prepared by Return to CNX Gas Company ELC, 1000 CONSOL Energy Drive, Caronsburg, PA, 13317

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Trains Det

The undersigned, Zelma Ruth Brummage, bereby certifies that:

- He she is an owner of the surface of that certain tract or purcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0009 (the "Property");
- Ho'she previously executed a Surface Use Agreement dated December 10, 2014
 which is of record in the Office of the County Clerk of Monongalia County in Book
 1517, Page 754 as Instrument No. 581225.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(bX4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 6th day of October . 2017.

Zehra Kutt Brummay

STATE OF West Vivginia

The foregoing instrument was acknowledged before me on the Gay of October. 2017 by Zelma Ruth Brummage.

In witness hereof, I hereunto set my hand and official scal.

(Normal Smith

NOTARY PUBLIC

My Commission expires: 1/12/2021

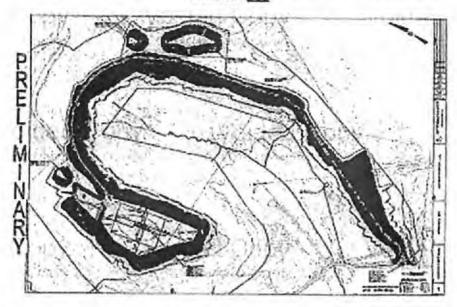
Propered by/Return to: CNX Gas Company LLC, 1000 CONSOL Frietgs Dr., Canonisburg PA 15317

WL00128 70519

Exhibit "A"

Attached hunto and made a part of that certain Agreement dated December 10°, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Zelma Rath Brummage of 3036 Main St., Farmington, WV 26571 (Granter).

Property being located in <u>Battelie</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

.

Prepared by Return to CNX Gas Company LLC, 1010 CONSOL Energy Drive, Committing PA 15311

- 4

VILO0128 PI0516

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANDRISHURG PA 15317-6506 Kononsalia County 09/28/2018
Carye L Blaney, Clerk
Instrusent 716616
03/21/2018 @ 01:33:52 PH
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Book 128 @ Page 516
Pages-Recorded 2

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) region for the consent and Easement (Deep Wells)

The undersigned, James Freeman Stewart, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1529, Page 248 as Instrument No. 599522.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this Lt day of November, 2017.

James Freeman Stewart

STATE OF WIST VICTIMIS

The foregoing instrument was acknowledged before me on the day of November. 2017 by James Freeman Stewart.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

SONATHAN D. JONES

Notery Public Official Seal

State of West Virginia

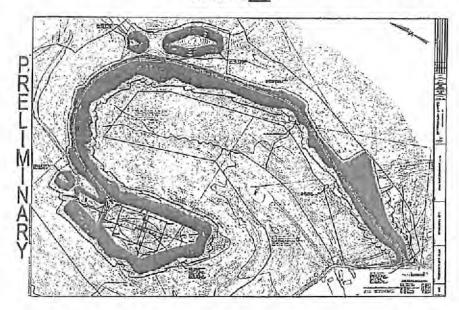
My Comm. Expires Nov 27, 2021

Fre Romanon Office Jane Lew WY 28378

NOTARY PUBLIC
My Commission expires:

Attached hereto and made a part of that certain Agreement dated December 10°, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and James Freeman Stewart of 12104 Raritan Lane, Bowie, MD 20715, (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

James Freeman Stewart

VOLO0128 PG0501

CNX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG PA 15317-6506 Nonensalia County 09/28/2018
Carve L Rlamer, Clerk
Instrusent 716605
03/21/2018 @ 01:18:01 PM
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Book 128 @ Pase 501
Pases Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Justin P. Stewart, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 766 as Instrument No. 581236.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 19 day of October., 2017

STATE OF _____

The foregoing instrument was acknowledged before me on the day of 2017 by Justin P. Stewart.

In witness hereof, I hereunto set my hand and official sgal.

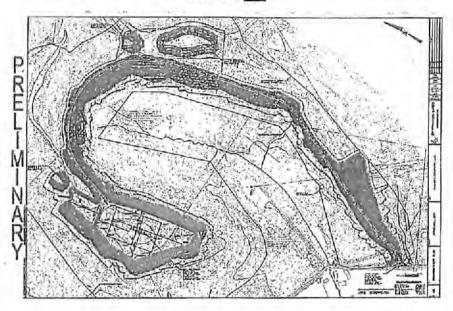
(Notation Boss)

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NOTARY PUBLIC
My Commission expires:

Attached hereto and made a part of that certain Agreement dated December 10°, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Justin P.-Stewart, a single man, having an address at 322 W. John Street, Martinsburg, WV, 25404 (Granter).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Justin P. Stewart

TE 00128 F60520

OU SE COPPAN LLC 1000 ODECL BESEY DO DROUBLUS TH 15317-6506

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigoed, Annette E. Stewart, bereby certifies that:

- He'she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31:01-0008-0002-0000 (the *Property*);
- He/she previously executed a Surface Use Agreement dated December 10, 2014
 which is of record in the Office of the County Clerk of Monongalia County in Book
 1517, Page 748 as Instrument No. 581221.
- 3. The Surface Use Agreement granted CNN Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(h)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 5th day of October 2017.

Annette Stewart

STATE OF West Virginia

COUNTY OF BACKELEY.

The foregoing instrument was schnowledged before me on the Jacky of Chipher.

In witness hereof, I hereunto set my hand and official seal.

OFFICIAL SEAL

ROTARTY PUBLIC

STATE OF WEST VINIDAL

JAMES T. MILLS

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MATERIAL WORLD

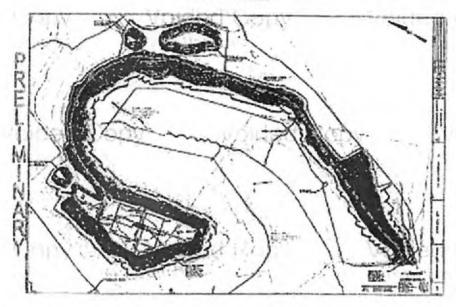
NATARY PUBLIC My Commission expires

W100128 M0521

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 10*, 2014 by and between CNX Gas Company LLC, a Virginia Limited Linbülty Company, of 1800 CONSOL Energy Drive, Canocsburg, PA 15317, (Operator), and Americ E. Stewart, of 41 Mimosa Dr., Martinsburg, WV 25404 (Grantor).

Property being located in <u>Battelic District</u>, <u>Monongalia County</u>, WV and referred to as Tax Map and Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Gran/or Approved

Ameth (Stewart

Prepared by Return to: CNX (ias Company LLC, 100) CONSOL Energy Drive. Commission, PA 15317

VOLO0128 PG0509

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANDINSBURG PA 15317-6506 Carre L. Blaney, Clerk 09/28/2018 Instrugent 716609 03/21/2018 @ 01:18:01 PM HISCELLANEOUS Book 128 @ Page 509 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Debora Goff, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1530, Page 409 as Instrument No. 600874.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this il day of October

STATE OF Manyland COUNTY OF Prince George's

The foregoing instrument was acknowledged before me on the \(\frac{1}{2}\) day of \(\frac{000000}{2}\) 2017 by Debora Goff.

In witness hereof, I hereunto set my hand and official seal.

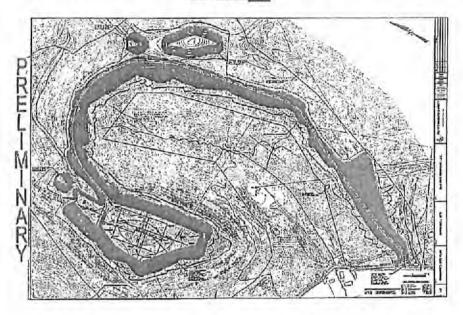
LATONYA BRYANT **NOTARY PUBLIC** PRINCE GEORGE'S COUNTY MARYLAND

My Commission Expires 1-13-2020

My Commission expires: 1-13-2020

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Debora Goff of 3004 Danville Road, Brandywine, MD 20613 (Grantor).

Property being located in <u>Battelle</u> District, <u>Mononpalia</u> County, WV and referred to as Tax Mapand Parcel # <u>1-8-2</u>



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

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CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Cost &

The undersigned, Walter R. Currence, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0302-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated June 15, 2015 which is of record in the Office of the County Clerk of Monongalia County in Book 1529, Page 217 as Instrument No. 599490.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grunt of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 5 day of OCTOBER, 2017.

Walter R. Currence

COUNTY OF SENDONS

The foregoing instrument was acknowledged before me on the 5 day of OCOLEL. 2017 by Walter R. Currence.

in witness hereof, I hereunto set my hand and official scal.

Notacial Seal)

MOTARY PUBLIC

My Commission express 3123119

S Prepared by Return to: CNN Gas Company LLC; 1000 CONSOL Energy Dr., Canomburg PA 15317

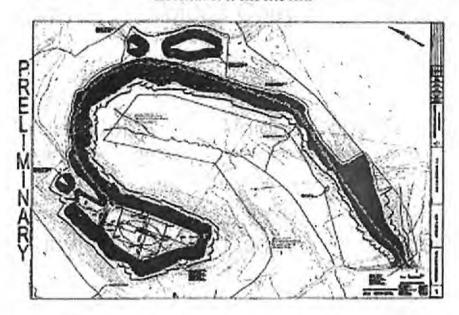
1

VILCO128 MO535

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated June 15th, 2015 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Cenousburg, PA 15317, (Operator), and Walter R. Currence, of 16200 Bealle Hill Road, Waldorf, MD 20601(Grance).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Mapand Parcet # 31-01-0008-0002-0090.



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Granter Approved

Walter R. Currence

CNX Gas Company LLC

Prepared by Return to: CNX Gas Company LLC, 1900 CONSOL Energy Drove, Canonibusy, FA 15317

3

WL00128 PG0524

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CAHURISBURG PA 15317-6506 Hononealia County 09/28/2018 Carve L Blaney, Clerk Instrument 716620 03/21/2018 @ 01:33:52 FK KISCELLANEOUS Book 128 @ Page 524 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Weils)

11.00

The undersigned, Maurcen S. Currence, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 742 as Instrument No. 581218.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 2 day of November, 2017. STATE OF North Carolina COUNTY OF Oasbur

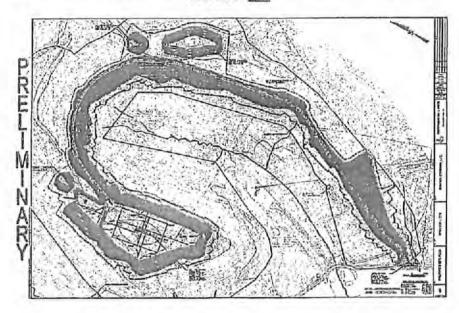
The foregoing instrument was acknowledged before me on the and day of Moulenber 2017 by Maureen S. Currence.

In witness hereof, I hereunto set my hand and official seal. MAON

NOTARY PUBLIC
My Commission expires: 19,2018

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Maureen S. Currence of 203 Silver Maple Ct., Holly Ridge, NC 28445 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

mouser S. Currence

Meureen S. Currence

WL00128 P60526

CHX GAS CONTANY LLC 1000 CONSOL ENERGY DR CANONISBURG PA 15317-6506 Honongalia County 09/28/2018 Carye L Blaney, Clerk Instrument 716621 03/21/2018 @ 01:33:52 PH HISCELLANEDUS Rook 128 @ Page 526 Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

The undersigned, Michelle L. Currence, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 10, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1530, Page 412 as Instrument No. 600876.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 12 day of CATON

STATE OF Virginia **COUNTY OF**

The foregoing instrument was acknowledged before me on the 10 day of Colon, 2017 by Michelle L. Currence.

In witness hereof, I hereunte surely hand and official seal. AN NOTARY

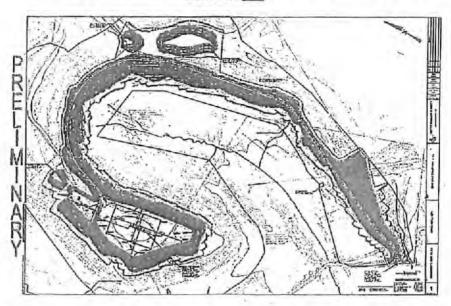
(Notarial Seal)

My Commission expires:

WEALTH OF ... Prepared by/Return to: CNX Gus Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

Attached hereto and made a part of that certain Agreement dated December 10th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Michelle L., Currence of 1 Carroll Drive, Stafford, VA 22554 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Michelle L. Currence

VOL 0 0 1 2 8 PG 0 5 3 8

Heather L. Orndoff, Notary Public

Waynesburg Boro, Greene County My Commission Expires April 9, 2019

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSHURG PA 15317-6506 Carve L Blaney, Clerk Instrument 716627 03/21/2018 @ 01:33:52 PM HISCELLANEOUS Book 128 @ Page 538 Pages Recorded 2 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Robert Stewart, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 16, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1517, Page 763 as Instrument No. 581232.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this <u>/ O</u> day of <u>0</u>	, 2017.
A	Robert Stewart
STATE OF <u>Pennsy Ivania</u> COUNTY OF <u>Greens</u>	<u>—</u>
The foregoing instrument was acknowledged 2017 by Robert Stewart.	before me on the $\frac{5}{2}$ day of October
In witness hereof, I hereunto set my hand and official	seal.
(Notarial Seal) COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL	Neather & Ornall

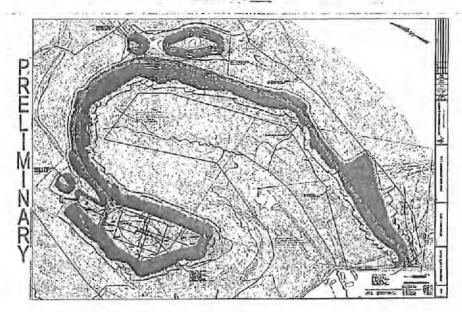
Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

NOTARY PUBLIC

My Commission expires: 4-9-19

Attached hereto and made a part of that certain Agreement dated December 16th, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and between Robert Stewart, of Lot 1, Route 21 MHP, Carmichaels, PA 15320 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalia</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

Robert Stewart

Stewart

VOLO0128 PG0511

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANDINSTURG PA 15317-6506 Konomealia County 09/28/2018
Carye L Blaney, Clerk
Instrument 716610
03/21/2018 @ 01:18:01 FM
HISCELLANEUS
Book 128 @ Page 511
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Cost \$

The undersigned, Phyllis J. Petrosky, hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 2, 2014 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1513,
 Page 694 as Instrument No. 573544.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this Otlday of 05, 2017.

Phyllis J. Petrosky

STATE OF FENNSY LVANIA COUNTY OF WAShington

The foregoing instrument was acknowledged before me on the 5 day of October. 2017 by Phyllis J. Petrosky.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

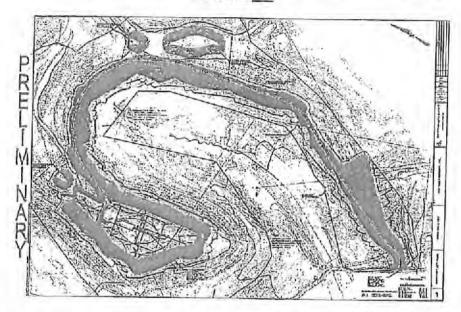
Mary Ann Russell, Notary Public

City of klonongahela, Washington County
My Commission Expires Oct. 15, 2018

NOTARY PUBLIC
My Commission expires: /o

Attached hereto and made a part of that certain Agreement dated December 2nd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Phyllis J. Petrosky, a widowed woman, of 110 Chess St., Apt. 401, New Eagle, PA 15067 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

VOLOO128 PB0503

CHX GAS COMPANY LLC 1000 CONSOL ENERGY DR CANONSBURG FA 15317-6506 Honongalia County Carve L Alaney, Clerk Instrument 716606 03/21/2018 @ 01:18:01 Phi HISCELLAHEOUS Book 128 @ Page 503 Pages Recorded 2 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Jesse D. Jones, hereby certifies that:

- 1. He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. He/she previously executed a Surface Use Agreement dated December 2, 2014 which is of record in the Office of the County Clerk of Monongalia County in Book 1543, Page 241 as Instrument No. 626184.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 5 day of Calofur STATE OF COUNTY OF Westmoreland

The foregoing instrument was acknowledged before me on the 5th day of Otto bev. 2017 by Jesse D. Jones.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENINSYLVANIA NOTARIAL SEAL Darla Renk, Netary Public Restraver Twp., Westmoreland County My Commission Expires March 19, 2020 SERVICE PENNSYLVANIA ASSOCIATION OF NOTARIES

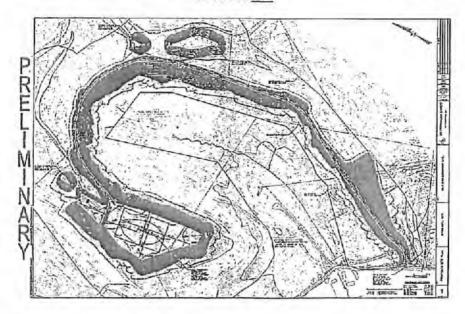
My Commission expires:

WL01543 PG0244 VOLO0128 PG0504

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated December 2nd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Jesse D. Jones, a married man, of 308 ½ Crest Ave., Charleroi, PA 15022 (Grantor).

Property being located in <u>Battelle</u> District, <u>Monongalla</u> County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

VOLOO128 PG0542

CHX GAS COMPANY LLC 1000 CONSOL EMERGY DR CANONSPURG PA 15317-6506 Honongalia County O9/28/2018
Carye i Blaney, Clerk
Instrument 716629
03/21/2018 @ 01:33:52 PM
HISCELLANEOUS
Book 128 @ Page 542
Pages Recorded 2

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells) Took \$

11.00

The undersigned, Harold M. Jones, Jr., hereby certifies that:

- He/she is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- He/she previously executed a Surface Use Agreement dated December 2, 2014 which
 is of record in the Office of the County Clerk of Monongalia County in Book 1513,
 Page 688 as Instrument No. 573538.
- 3. The Surface Use Agreement granted CNX Gas Company LLC the right to use the surface of the Property for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 5 day of Actific, 2017.

STATE OF PA COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 05 day of OCTOBER 2017 by Harold M. Jones, Jr.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

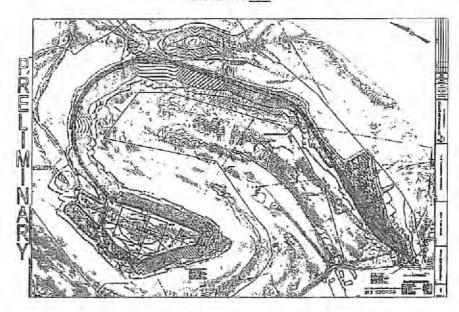
MANUNIVE ACTUAL SEAL
Carol L Regal, Notary Public
City of Monengahela, Washington County
My Commission Expires Feb. 9, 2019

NOTARY PUBLIC

My Commission expires: FEB. 09, 2019

Attached hereto and made a part of that certain Agreement dated December 2rd, 2014 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Harold M. Jones, Jr., a single man, having an address at 317 Crest Ave., Charleroi, PA 15022 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-8-2



Locations shown are approximate, actual locations may vary due to deviations in terrain encountered during field inspections while work is in progress.

Grantor Approved

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, CNX Gas Company LLC ("CNX"), hereby certifies that:

- CNX is an owner of the surface of that certain tract or parcel of land located in Battelle District, Monongalia County, State of West Virginia, identified as tax map 31-01-0008-0002-0000 (the "Property");
- 2. As such owner, CNX acknowledges the surface of the Property will be utilized for oil and gas development, including the consent and grant of an easement contemplated under West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, and the drilling and operation of a deep well, or wells, at the location shown on the attached plat or survey.

Executed this 29th day of March, 2018.

CNX Gas Company LLC

By: Timothy Surmick

Its: Assistant Vice President

COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the did ay of Mach, 2018 by Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that he as such, being authorized to do so, executed the foregoing instrument on behalf of CNX Gas Company LLC.

In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
Casey Yantko, Notary Public
Cecil Twp., Washington County
My Commission Expires March 12, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

NOTARY PUBLIC

My commission expires 3-12-2019

01362 Kill 18

CAEY YAPRIL CHI LAD RESURES INC 1930 CUSSI, DEDGY IR CHONSUSS NA 15117-9815 Normalia Louna Corre L. Blover, Ciera Instrument WERA LOUNCELT & OLILEIOI FA RIGHT OF 1889 France Recorded & Securitiva Oner & Tronsfer Too &

1602-118

Surfact: USK agreement 803a

THIS AGREEMENT, made and entered into this 25° day of September 2017 by and between Jame brons, a widow, of P.O. Box 681, Tellico Phins, TN 37385 bereinsther called the GRANTOR, whether not or more, and CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canoniburg, PA 15317, its employees, affiliates, partners, joint visiture partners, successors, assigns, contractors and representatives, herein collectively called OPERATOR.

WITNESSETH: That for and in consideration of the sum of One Dollar (\$1.00) and other valuable consideration is hand paid, the reacipt and sufficiency of which is burely acknowledged by the ORANTOR, the GRANTOR hereby greats and conveys who OPERATOR the right to drill, construct, maintain, repair, and operate gas wells, a right of way and extensent to botale, construct, maintain, repair, remove, replace, change the size of, and operate gas under water pipeline(s) and/or associated lines with appurtentness thereums, a right of way and estensent to locate, construct, maintain, repair, remove, replace, change the size of, and operate a read way for the transportation of ears, tracks, equipment, man, supplies, and other things deemed necessary or convenient by OPERATOR; over that contain property breated in Battelle District, Mesologish County, West Virginia further described as Tan Parcel Edutification No. 31-01-0688-0002-0000, containing 207.09 series, more or less, and being the same property conveyed and described in Doed Book 1321, Page 337. The approximate locations of said welltitle(s), pipeline(s), road(s) are shown on Exhibit A, anached bereto, which exhibit, as may be amended from time to time, meroperated herein and made part hereof by reference. In association with the rights herein granted, the GRANTOR further gracts and conveys unto the OPERATOR all recessary rights of ingress and agrees to and from above described property for the purposes set forth herein.

OPERATOR does hereby coverant and agree to indemnify and hold GRANTOR free and harmless against any and all less, damage, claims, and suits, which ORANTOR may suffer arising out of the exercise by OPERATOR of the rights herein granted

OPERATOR shall have the right to assign or comey any of the rights herein grazed and this agreement shall extend to and be binding upon the helm, executors, administrators, personal representatives, successors and assigns to the parties hereto. Upon such time as the OPERATOR on longer needs all of the rights herein granted, some of which may exceed the life of others, the OPERATOR shall release to the GRANTOR or his successor in title such rights.

P11036 S00103

GRANTOR and OPERATOR agree Pursuant to W.Va. Code § 22C-9-7(b) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, an Fastment and consens for the drilling and operation of a deep well, or walk, for the production of Hydroxystems at the location(a) described on Rahibit A.

GRANTOR and OPERATOR agree that this exclusive Surface Use Agreement shall not orlarge or dimerish OPERATOR's expressed and implied mineral and related rights.

The total consideration guid for this transaction is Seven Hundred Fafty Dullars (\$750.00).

IN WITNESS WHEREOF, GRANTOR and OPERATOR have council their names to be hereunto placed and witness the following eigensture(s), as of the date first herein appearing

GRANTOR: OPERATOR:

ACKNOWL/DGMENT

STATE OF COMMONWEALTH OF COUNTY OF YOUR OF	Emessee)
COUNTY OF 7/107/KOL	AND THE RESERVE OF THE PARTY OF
On this the 20th day of 5 personally appeared Jame Irons, a widow	pfeether 2017, before the, the undunigned authority, who, being duly sweet according to law, deposes and anys that
he shethey executed the foregoing instrum	
IN WITNESS WHEREOF, I best	umo set my hand and official seal.
(SEALL MCLEAR)	La de la Missione
6 Pr	
STATE IN	Notes Paris
Se Of one	My Commission expires:MX_COMMISSION.
TENNEBGEE	EXPIRES
WOULD A	2-1-20
V 1000 150	
W. 50 (0)	
WINOE OF SE	

Prepared by Kentra by CNX On Company LLC, 1000 CONSOL Energy Drive, Canadalage, PA 15317

MO1502 660 29

COMMO	NWEALTH OF	PENNSYLVANIA
CYMPATY OF WASHINGTON		

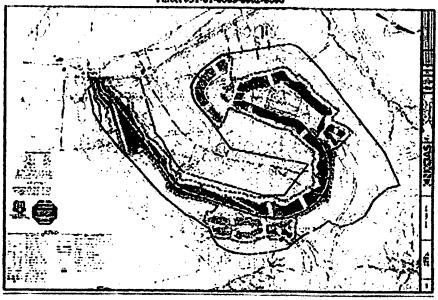
On this 10th day of Ochbur	2017, before one, a notary public, personally appeared
Timethy Sannick who selvended and hims	if to be the Assistant Vice President of CNX Gas Company
177 a Mineral Biocent Habitan automass	and the beautiful being Advantage to the City Call Confusion
	and that as such, being duly authorized to do so, executed the
foregoing instrument for the purpose therein	
IN WITNESS WHEREOF, I bereut	to set try hand and efficial seal.
(SEAL)	Λ
\	My Commission expires 3-12-4019
CONSOMMEALTH OF PENNSYLVANIA	
MOTABLE BEAL	Notary Public
Conty Verthe, Helpo Public	My Commission expires 3-12-201
Coch Tup, Martings Cours	
We Correbade Eagline Water 12 2018	
THE THINK BELLEVISION OF THE PROPERTY OF THE P	

M.01662 160121

"A" Hadde 3 C & C & O &

Anathed hereto and made u part of that certain Agreement dired September 23, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Jane Erans, a widow, of P.O. Bua 681, Tellico Plains, TN 37385 (Grantor).

Property being located in Battelle District, Monongalia County, WV and referred to as Tan Map and Purcel #31-01-0008-0002-0000



Locations shown are approximate, actual locations may very due to deviations in terrain encountered during field inspections while work is in progress

Granter Aggreened

CX Cas Canadany LLL

Prepared by Result to CNX Gas Company LLC, 1000 CONSOL Fungy Drive, Controlling, PA 19517

Violso: Naizz

CASEN INCIDE ON LAND RESUMDE INC 1001 DIASE DIODEN OR CHUNERRE F4 15/17 9015 Rivinsilla Dunti Coye I. Black, Clieb Instrument 20025 10012/2007 4 01:12:45 FB RIGHT OF BUT Frame Seconded 4 Inscreting Cost 5 31.00 Transfor Tax 5 4.44

1602-122

SURPACE USE AGREEMENT

[7] IS AGREFATENT, made and entered into this 25° day of September 2017 by and between Meliasa Booloul, a muried women dealing in her sole property, of 311 West Walnut Street, Madisonville. TN 37354 hereinafter called the GRANTOR, whether one or more, and CNX Gas Company LLC, a Verginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canoneburg, PA 15317, its employees, affiliates, partners, joint various partners, supposessors, assigns, contractors and representatives, havein collectively called OPERATOR.

WITNESSHITH: This for and is consideration of the aim of One Dodar (\$1.00) and other valuable consideration in band paid, the receipt and sufficiency of which is hereby acknowledged by (b) ORANTOR, the GRANTOR hereby grants and conveys unto OFERATOR the right to drill, construct, amintain, repair and operate gas wells; a right of may and ensement to locate, construct, maintain, repair, nonove, replace, change the sim of, and operate gas subjet water pipeline(s) and/or associated lines with apparturances thereards, including gathering and transportation pipeline(s), with apparturances thereards, a right of may and entermine to locate, construct, maintain, repair, remove, replace, change the size of, and operate a road way for the transportation of cars, trucks, equipment, men, supplies, and other things deconed necessary or convenient by OPERATOR; over that certain property located in Battelle District, Monoragalia Courty, West Vinghta further described as Tox Parcel Identification No. 31-01-0008-0002-0000, samplining 207.69 area, more or less, and bring the same property conveyed and described in Dard Book 1321, Page 337. The approximate locations of said wellsho(s), pipeline(s), road(s) are than on Eabilit A, amadeal horses, which exhibit, as may be attended from time to time, incorparated furties and made part bereaf by reference to association with the rights herein synanted, the GRANTOR further grants and conveys unto the OPERATOR all recessary rights of ingress and egrees to and from above described property for the purposes set forth burein.

OPERATOR does hereby comment and agree to indensify and held GRANTUR free and harmless against my and all loos, dumage, claime, and suits, which GRANTUR may suffer arising out of the exercise by OPERATOR of the rights herein granted.

OPERATOR shall have the right to assign or convey any of the rights herein gramed and this agreement shall extend to said be blinding upon the helps, excoutors, naturalismmons, personal representatives, successors and essigns to the parties herein. Upon such time as the OPERATOR no longer needs all of the rights herein gramed, some of which may exceed the life of others, the OPERATOR shall release to the GRANTOR or his successor in title such judges.

molace Edi23

GRANTOR and OPERATOR agree Pursuant to W.Vo. Code § 22C-9-7(b) and Operating Rule 4-4 of the Rubes and Regulations of the West Virginia CN and Gas Conservation Commission, an Essentest and consent for the drawing and operation of a deep well, or wells, for the production of Hydrocarbons at the lecation(s) described on Exhibit A.

GRANTOR and OPERATOR agree that this enthesive Surface the Agreement shall and enlarge or diminish OPERATOR's expressed and implied mineral and related rights.

The total consideration paid for this transaction is Seven Hundred Fifty Dollars (\$750,00).

IN WITNESS WHEREOF, GRANTOR and OPERATOR have caused their amount to be hereunto phased and witness the following signature(a), as of the date first herein appearing.

GRANTOR:

OPERATOR: CHRICIES COMPANY LLC

ACKNOWLEDGMENT

STATE OF COMMONWEALTH OF COUNTY OF THE COUNTY OF

September . 2017, before me, the undersigned authority, if married women dealing to him sole property, who, being dub-On this the personally appeared Melhon sween according to law, deposes and says that be/she/they executed the foregoing instrument for the purposes therein contained

IN WITNESS WIEREOF, I bereatto not up turns and efficial and.

(SEAL)

My Commission expires __ MY COMMISSION-**EXPIRES**

Proposed by Metura to: CNX One Company LLC, 1600 CONSOC Finely; Drive, Canzenburg, FA 1541

Moteon Built.

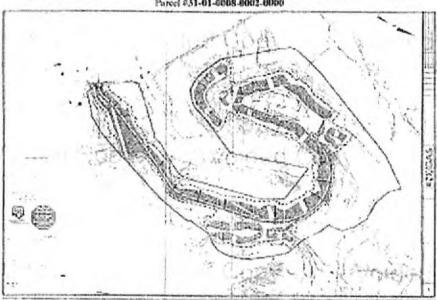
COMMONWEALTH OF PENNSYLVANIA COUNTY OF WASHINGTON

THE WALL STREET, WITH DESCRIPTION OF STREET	2017, before me, a notary public, personally appeared if to be the Assistant Vice President of CNX Gas Company at that as such, being duly authorized to do so, executed the original part of the part of the president of the part of the
(SEAL)	Com Xat
CONNOCHMENT IN OF PENNSYLVANIA SOTICUL STAL COMY FORM, RICHOT PLACE COMY SOTION, RICHOT PLACE By Commission Explose Result 12, 2013 STATES FORM RESIDENCE OF SOCIETY STATES FORM RESIDENCE OF SOCIETY STATES FOR RESIDENCE OF SO	Notary Public My Commission expires:

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Attached herete and mode a part of that pertain Agreement dated September 25, 2017 by and between CNX Gas Company LLC, a Vinginia Lingsed Liability Company, of 1000 CONSOL Energy Drive, Carameburg, PA 15317, (Operator), and Medical Bookout, a matried women dealing in her sole property, of 311 West Walnut Street, Madiscraville, TN 37354 (Granter).

Property being located in Battelle District, Monongalia Courcy, WV and referred to as Tax Map and Parcel #31-01-0008-0002-0000



Locations shows are approximate, actual locations may vary due to deviations in terrain encountered during field imprections while work is in progress.

Grantox Approved

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Proposed by Return to CNX Gas Company LLC, 1000 CONSOI. Energy Drive, Canoncharg, PA 15517