

09/28/2018



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

A handwritten signature in blue ink, appearing to read "James A. Martin", is positioned below the typed name and title.

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

Promoting a healthy environment.

09/28/2018

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 <ErikaWhetstone@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 <RaymondHoon@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:

09/28/2018



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
2. 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,


Susan Rose
Administrator

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 Operator: CNX Gas Company LLC 494458046 Monongalia Battelle Wadestown
Operator ID County District Quadrangle

2) Operator's Well Number: WDTN5AHSU Well Pad Name: WDTN5

3) Farm Name/Surface Owner: Wise Public Road Access: CR6 Wise Run

4) Elevation, current ground: 1400 Elevation, proposed post-construction: 1389

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

(b) If Gas Shallow _____ Deep
Horizontal

6) Existing Pad: Yes or No No *Harper D. King 4/14/2018*

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant, Top=13,270', 75' thick, expected formation pressure ~12,000 psi

8) Proposed Total Vertical Depth: 13,335'

9) Formation at Total Vertical Depth: Point Pleasant

10) Proposed Total Measured Depth: 21,228'

11) Proposed Horizontal Leg Length: 7,390'

12) Approximate Fresh Water Strata Depths: 125', 1070'

13) Method to Determine Fresh Water Depths: Depth of bit when water shows in flowline or depth when misting is required

14) Approximate Saltwater Depths: 2180', 2625'

15) Approximate Coal Seam Depths: 709', 970', 1,058', 1,063'

16) Approximate Depth to Possible Void (coal mine, karst, other): None anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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18) **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	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

Handwritten signature and date: 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	<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

Kind:	n/a			
Sizes:				
Depths Set:				

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

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 SOBMs. 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 SOBMs. 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.

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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 SOBMs 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.

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*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.**

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4706101805



DRILLING WELL PLAN
WDTN-5A-HSU (Utica HZ)
Utica Shale Horizontal
Monongalia County, WV

Ground Elevation			WDTN-5A-HSU SHL				N 440528.56, E 1764407.58 (NAD27)			
Azimuth			WDTN-5A-HSU LP				N 440273.28, E 1763352.21 (NAD27)			
WELLBORE DIAGRAM			WDTN-5A-HSU BHL				N 445499.01, E 1758126.49 (NAD27)			
WELLBORE 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					
	24"	18-5/8" 87.5# J-55 BTC	Waynesburg 1 Coal		709	AIR / FW Mist	15.6 ppg Class A 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface (bow spring)	Ensure the hole is clean at section TD	Set through FW & coal zones Cemented to surface 18-5/8" shoe NOT to be set deeper than ground level
			Pittsburgh Coal		1063					
			FW/Coal Casing	1380	1380					
	17-1/2"	13-3/8" 61.0# J-55 BTC	Big Lime		2475	AIR / Scap	15.6 ppg Class A 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface (bow spring)	Scap the hole as needed and ensure the hole is clean at section TD	Set through potential salt water zones Cemented to surface Casing to be set ~200'-250' below the Big Injun base
			Big Injun		2565					
			Price		2805					
	12-1/4"	9-5/8" 43.5# P-110 LTC	1st Intermediate Csg	3055	3055					
			Gordon		3390					
			Elks		5165					
			Tully		7530					
			Marcellus		7670					
			Onondaga		7740					
			Salina		8620					
Lockport				9365						
Tuscarora				10590						
Queenston				10840						
8-1/2" Curva & Lateral	5-1/2" 23.0# Q-125 VAR	Reedsville		11860						
		2nd Intermediate Csg	12054	11960						
		Utica		13130						
		Point Pleasant		13270						
		Production Casing	21228	13335						

LP @ +/- 13335' TVD

8-1/2" Hole - Cemented Long String
 5-1/2" 23.0# Q-125 VAR

+/- 7390' Lateral

TD @ +/- 13335' TVD

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 WV Department of Environmental Protection

WW-9
(4/16)

API Number 47 - 4706101205 09/28/2018
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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- 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)

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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: air from spud/surface to curve kick-off point (KOP).
Horizontal: synthetic oil-based mud (SOBM) from curve KOP to lateral TD

-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.

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 Raymond Hoon

Company Official (Typed Name) Raymond Hoon

Company Official Title Supervisor - Permitting

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

Lori L. Walker Notary Public

My commission expires February 23, 2019

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

CNX Gas Company, LLC

Proposed Revegetation Treatment: Acres Disturbed 46.90 Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch hay or straw @ 2 Tons/acre

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 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), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Maime J. Knutson*

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Comments: _____

WV Department of
Environmental Protection

Title: *Inspector*

Date: *4/4/2018*

Field Reviewed? (*X*) Yes () No

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

HSE APPROVED NON-HAZARDOUS WASTE DISPOSAL FACILITIES (version 05-23-2016)

Republic Services (Allied Waste) Industrial Landfills		Gas Specific Waste Streams			Other Accepted Waste Streams										Contact Information
Landfill	Location	Drill Cuttings	Waste Liners	Waste Brine	Contaminated Soil (Including Petroleum)	Construction & Demolition Waste	Industrial Waste	Sludge	Friable Asbestos	Non-Friable Asbestos	Process Waste	Solidification Services	Municipal Solid Waste		
McLean County	Bloomington	IL	X	X	X	X	X	X	X	X	X	X	X	X	
BRC/Coles County	Charleston	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Bridgman Disposal	Danville	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Southern Illinois Regional	De Soto	IL													
Lee County	Dixon	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Upper Rock Island	East Moline	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Bond County	Greensville	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Illinois	Hepperton	IL	X	X	X	X	X	X	X	X	X	X	X	X	
LandCom	LaSalle	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Litchfield-Hillsboro	Litchfield	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Environtech	Morris	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Livingston	Pontiac	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Roxana	Roxana	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Sarasota Valley	Springfield	IL	X	X	X	X	X	X	X	X	X	X	X	X	
Beeson Valley	Frankfort	KY	X	X	X	X	X	X	X	X	X	X	X	X	
Blue Ridge	Irvine	KY	X	X	X	X	X	X	X	X	X	X	X	X	
Morehead	Morehead	KY	X	X	X	X	X	X	X	X	X	X	X	X	
Great Valley	Rush	KY	X	X	X	X	X	X	X	X	X	X	X	X	
Cherokee Run	Bellevue	OH			X	X	X	X	X	X	X	X	X	X	
Williams County	Bryan	OH			X	X	X	X	X	X	X	X	X	X	
County Environmental	Carey	OH			X	X	X	X	X	X	X	X	X	X	
Celina	Celina	OH			X	X	X	X	X	X	X	X	X	X	
Carbon-Limestone**	Lowellville	OH	X	X	X	X	X	X	X	X	X	X	X	X	
Countywide Landfill**	East Sparta	OH	X	X	X	X	X	X	X	X	X	X	X	X	
Lorain County	Oberlin	OH			X	X	X	X	X	X	X	X	X	X	
Oakland Marsh	Shiloh	OH			X	X	X	X	X	X	X	X	X	X	
Imperial	Imperial	PA			X	X	X	X	X	X	X	X	X	X	
Conestoga	Morgantown	PA			X	X	X	X	X	X	X	X	X	X	
Brunswick	Lawrenceville	VA			X	X	X	X	X	X	X	X	X	X	
King and Queen	Linic Plymouth	VA			X	X	X	X	X	X	X	X	X	X	
Old Dominion	Richmond	VA			X	X	X	X	X	X	X	X	X	X	
Sycamore	Hurricane	WV			X	X	X	X	X	X	X	X	X	X	
Short Creek	Wheeling (Short Creek)	WV	X	X	X	X	X	X	X	X	X	X	X	X	
Carter Valley	Church Hill	TN													

317-921-1667 or 480-527-2700
1-800-634-0215

Jack Palermo:
works: 330-536-8013
cell: 330-906-9660

Barbara Harsanyi:
works: 330-536-8013 x 120
cell: 330-423-7267

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Waste Management Industrial Landfills		Gas Specific Waste Streams			Other Accepted Waste Streams									Contact Information
Landfill	Location	Drill * Cuttings	Waste Liners	Waste Brine	Contaminated Soil (Including Petroleum)	Construction & Demolition Waste	Industrial Waste	Sludge	Friable Asbestos	Non-Friable Asbestos	Process Waste	Solidification Services	Municipal Solid Waste	
Ardon Landfill	Washington	PA	X	X		X	X	X			X	X	X	
South Hills (Arvon)	South Park	PA	X	X		X	X	X			X	X	X	
Kelly Run	Elizabeth	PA	X	X		X	X	X			X	X	X	
Valley Landfill	Irean	PA	X	X		X	X	X	X	X	X	X	X	
Byington Landfill	Blainville	PA	X	X		X	X	X			X	X	X	
Charleston Landfill	Charleston	WV	X	X		X	X	X			X		X	
Kanawha County														
Meadow Hill Landfill	Bridgetown	WV	X	X		X	X	X	X	X	X	X	X	
Northwestern Landfill	Parkersburg	WV	X	X		X	X	X			X	X	X	
S&S Grading Landfill	Clarksburg	WV	X	X		X	X	X			X	X	X	
American Landfill	Wascomb	OH	X	X		X	X	X	X	X	X	X	X	
Suburban RDP	Glenford	OH	X	X		X	X	X	X	X	X	X	X	
Coshocton Landfill***	Coshocton	OH	X	X		X	X	X					X	
Mahoning Landfill	New Springfield	OH	X	X		X	X	X			X		X	

Scott Allen: 412-604-2256

Patty Landolt: 252-532-8001
John Miller: 1-800-963-4776

Additional Landfills		Gas Specific Waste Streams			Other Accepted Waste Streams									Contact Information
Landfill	Location	Drill * Cuttings	Waste Liners	Waste Brine	Contaminated Soil (Including Petroleum)	Construction & Demolition Waste	Industrial Waste	Sludge	Friable Asbestos	Non-Friable Asbestos	Process Waste	Solidification Services	Municipal Solid Waste	
Westmoreland Waste (WWLC Group)	111 Cooner Lane, Belle Vernon, PA 15012	PA	X	X		X	X	X	X	X		X	X	
MAX Environmental (Beiler Facility)	200 Max Drive, Butler, PA 15019	PA	X	X		X	X	X				X	X	
MAX Environmental (Yolon Facility)	233 MAX Lane, Yolon, PA 15698	PA	X	X		X	X	X				X	X	
Apex Sanitary Landfill (Apex Environmental)	11 Coony Road 78, Amsterdam, Ohio 43903	OH	X	X		X	X	X				X	X	
Rumpke, Mt. Sterling (Rumpke Consolidated)	30 Larison Rd, Jeffersonville, KY 40337	KY	X	X		X	X	X		X	X		X	
Laurel Ridge Landfill (Waste Connections of KY)	3612 E State Highway 452 Lily, KY 40740	KY	X	X		X	X	X		X	X		X	
Advanced Disposal	Chestnut Valley 1184 McClellandtown Rd, McClellandtown, PA 15458	PA	X	X		X	X	X					X	
	Greenree Landfill; 635 Toby Rd.; Keresey, PA	PA	X	X		X	X	X					X	
	Montoller Landfill; 7035 Chaden Pike Rd.; Somerset, PA	PA	X	X		X	X	X					X	

Mike Horne: 412-552-4427
Mark Thomas: 724-929-7694

Carl Spadaro: 412-343-4900
cell: 412-445-9789

Joe Teterick: 740-275-2887
joetiv@cla-company.com

Carl Walter: 513-623-2471

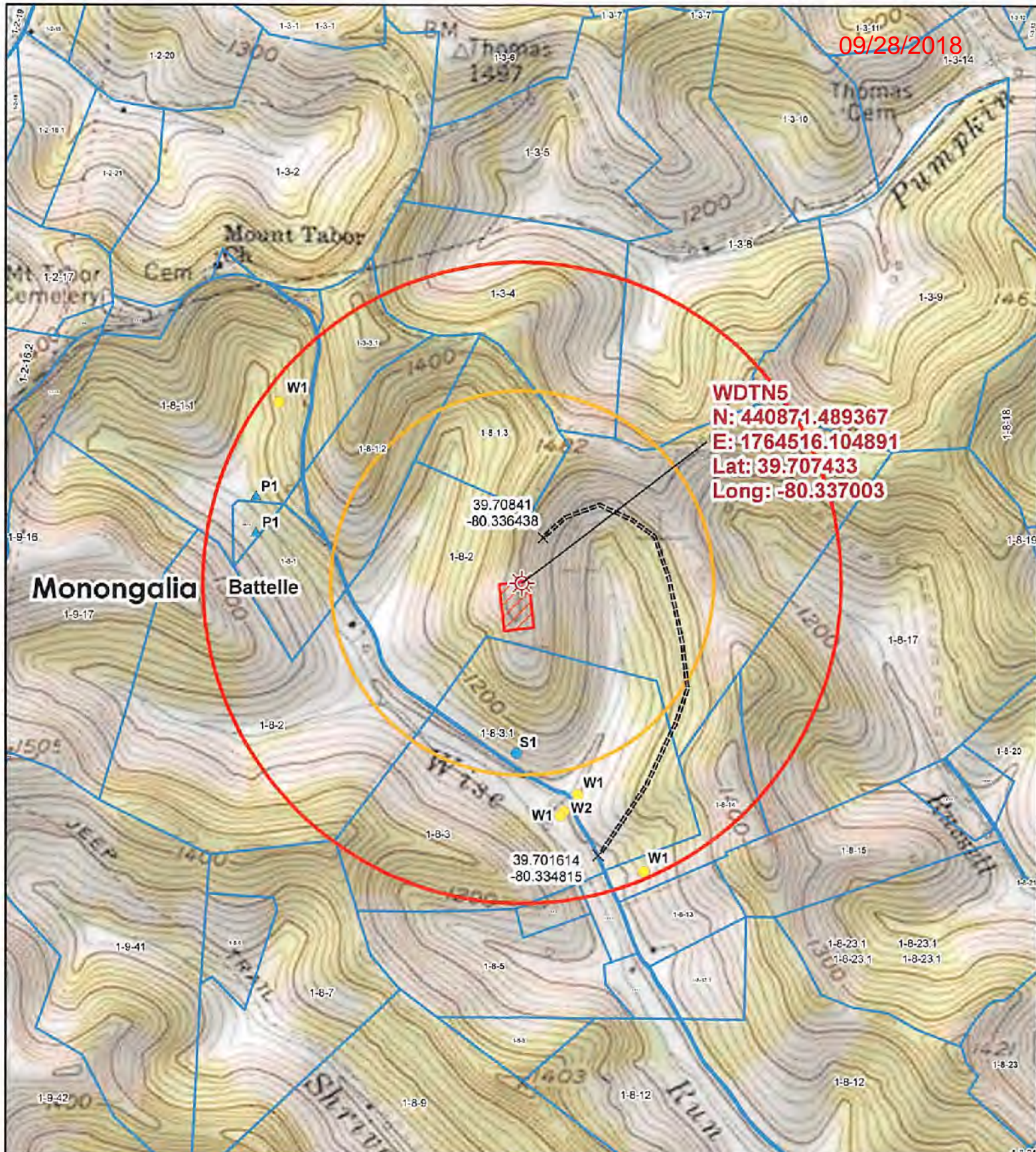
Draco Crouch: Work: 606-864-7996
Cell: 606-219-0261

Tony Labenne
6184 Route 219, Brookway, PA 15824
814-390-9906

Ohio "TENORM" - requires Radon 226/228 analysis by land before leaving the well pad. Solid waste landfills in Ohio can only accept TENORM waste with combined concentration less than 5 picocuries per gram above the natural background level.
 Accepts drilling wastes but profile for disposal is not currently completed.
 Waste stream accepted by facility.
 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 requirements are pending.
 Notes: * Drill Cuttings include fine sand for the purpose of this table (Contact facility directly to verify waste streams accepted).

OFFICE RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of Environmental Protection

09/28/2018



WDTN5
N: 440871.489367
E: 1764516.104891
Lat: 39.707433
Long: -80.337003

Monongalia

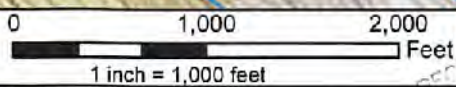
Battelle

39.70841
-80.336438

39.701614
-80.334815

Legend

- Wellbore
- Wells
- Spring
- Ponds
- Access Points
- Access Road
- 2,500 Foot Buffer
- 1,500 Foot Buffer
- Well Pad
- Surface Parcel



CONSOL ENERGY
 CNX Center, Canonsburg, PA

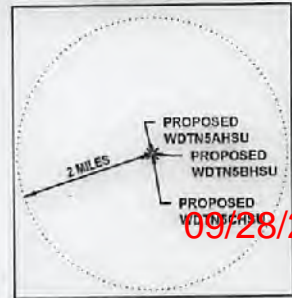
Original Date: 11/13/2017 Prepared By: GIS

Revision Date: 11/13/2017 Approved By: GIS

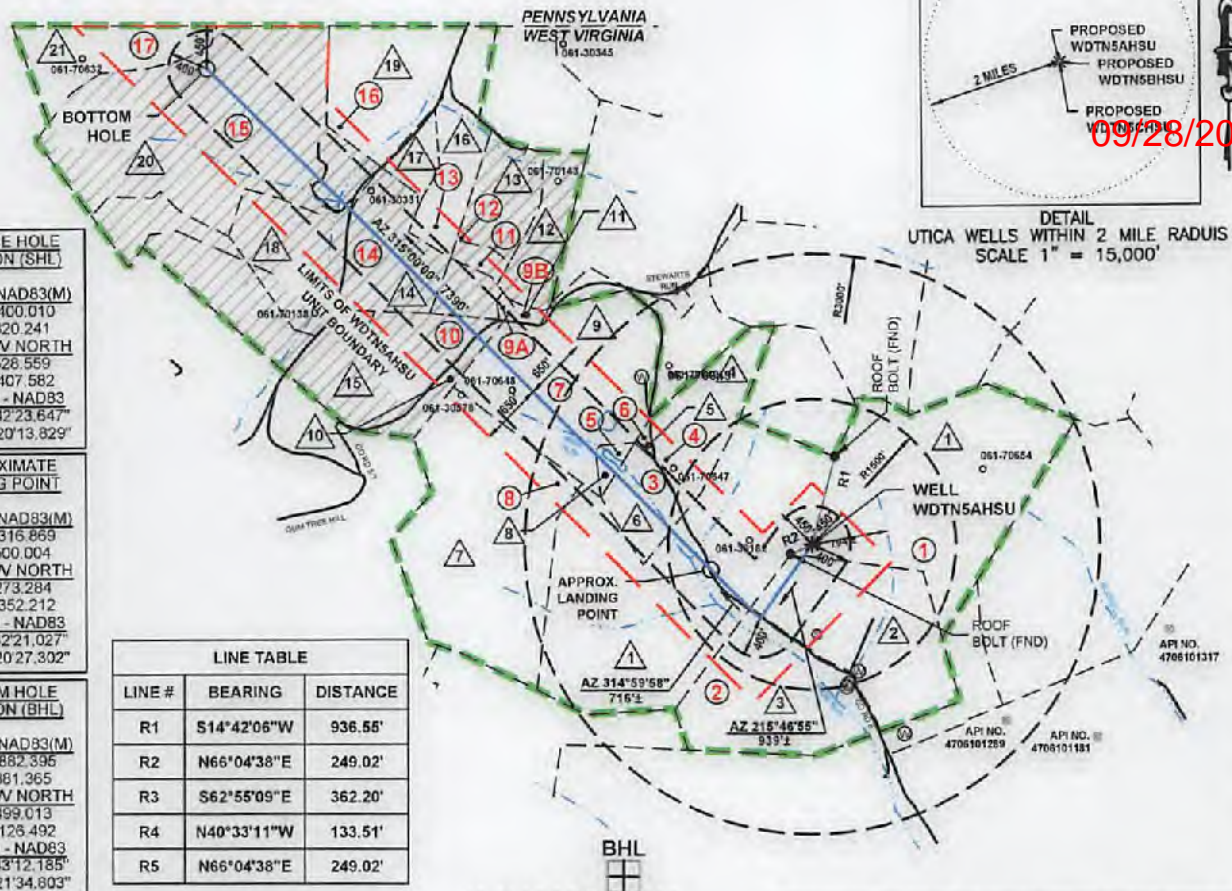
This map is property of CNX Land Resources Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.
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Topographic Well Map
WDTN5

SHL is located on topo map 642 feet south of Latitude: 39° 42' 30" SHL
 BHL is located on topo map 10,799 feet south of Latitude: 39° 45' 00" BHL



SHL is located on topo map 1,080 feet west of Longitude: 80° 20' 00"
 BHL is located on topo map 7,324 feet west of Longitude: 80° 20' 00"



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(M)
 N: 4395400.010
 E: 556820.241
 NAD27_VV NORTH
 N: 440528.559
 E: 1784407.582
 LAT/LON - NAD83
 LAT: 39°42'23.647"
 LON: 80°20'13.829"

APPROXIMATE LANDING POINT
 UTM 17 - NAD83(M)
 N: 4395316.869
 E: 556500.004
 NAD27_VV NORTH
 N: 440273.284
 E: 1763352.212
 LAT/LON - NAD83
 LAT: 39°42'21.027"
 LON: 80°20'27.302"

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83(M)
 N: 4395882.396
 E: 554861.365
 NAD27_VV NORTH
 N: 445499.013
 E: 1758125.492
 LAT/LON - NAD83
 LAT: 39°43'12.185"
 LON: 80°21'34.803"

LINE #	BEARING	DISTANCE
R1	S14°42'06"W	936.55'
R2	N66°04'38"E	249.02'
R3	S62°55'09"E	362.20'
R4	N40°33'11"W	133.51'
R5	N66°04'38"E	249.02'

NO DEEP WELLS WITHIN 3000'

MINERAL TRACT BOUNDARY = 871.425 ACRES
 UNIT BOUNDARY = 304.564 ACRES

LEGEND

	TOPO MAP POINT		PROPOSED WELL		WATER SOURCE		SPRING		SURFACE TRACT		LEASED NUMBER BASED ON ATTACHED WDTN5A		WELLS WITHIN 3000'		RECORD GAS WELL		FORCED POOLING AREAS		ALL ARE POINTS UNLESS OTHERWISE NOTED		LEASE BOUNDARY		UNIT BOUNDARY		PROPOSED HORIZONTAL WELL		SURFACE, OIL & GAS LINES		SURFACE TRACT LINES ONLY		GAS LEASE LINES ONLY		WELL REFERENCE		STREAM/WATERWAY		ROAD
--	----------------	--	---------------	--	--------------	--	--------	--	---------------	--	--	--	--------------------	--	-----------------	--	----------------------	--	---------------------------------------	--	----------------	--	---------------	--	--------------------------	--	--------------------------	--	--------------------------	--	----------------------	--	----------------	--	-----------------	--	------

REFERENCE DETAIL

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING

1712 Mount Nebo Road
 Sewickley, PA 15143
 Phone: 412-219-4509
 Email: info@shefflerCo.com

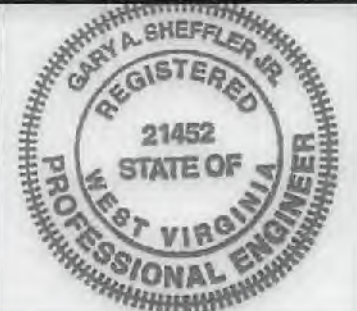
NOTES:

- There are no water wells or developed springs within 250' of proposed well.
- There are no existing buildings within 625' of proposed well.
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

FILE #: WDTN5IISM
 DRAWING #: 3601 - WDTN5A.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX1864: 1,496.32'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
 R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DATE: April 3, 2018, Rev. July 18, 2018
 OPERATOR'S WELL #: WDTN5AHSU
 API WELL # 47 061 01805
 STATE COUNTY PERMIT

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 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

WDTN54HSU 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 PARCEL 3 & 3.1	27.795 Ac.
3	1-8, PARCEL 1	13.128 Ac.
4	1-8, 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 PARCEL 18 & 18.1	4.809 Ac.
14	1-2, P/O PARCEL 17 & 17.1	35.987 Ac.
15	1-2, P/O PARCEL 14	67.836 Ac.
16	1-2, P/O PARCEL 19	2.880 Ac.
17	1-2, P/O PARCEL 13	11.132 Ac.

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
1	1-8-2	Richard W. Wise	DINA M WISE ET AL
		Donald Wise	
		Thomas E. McCauley	
		Richard L. McCauley	
		Judy A. Eckman	
		Robert Stewart	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Clifford J. Wise	
		Regina Wise Myers AKA Violet Regina Myers	
		Eleanor J. Wise	
		Walter C. Ord	
		James Freeman Stewart	
		Victor E. Wise	
		Zelda Ruth Brummage	
		Evalee A. Everly Shaheen	
		Dexter Murlie 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 Stoppelton and Donald Stoppelton			
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 Karl J. Hawkins			
Becky Bortnick Hawkins			
2	1-8-3 & 1-8-3.1	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, 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	
		CBC Holdings, LLC	
		Henry W. Areheart and Lynda M. Areheart	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		David W. Deaton and Elizabeth K. Deaton	
		Earl W. Kennedy	
		CBC Holdings, LLC	
Henry W. Areheart and Lynda M. Areheart			
Earl W. Kennedy			
3	1-8-1	CBC Holdings, LLC	HENRY W & LYNDIA M AREHEART
		Henry W. Areheart and Lynda M. Areheart	
4	1-8-1.2	CBC Holdings, LLC	DAVID W & ELIZABETH K DEATON
		David W. Deaton and Elizabeth K. Deaton	
5	1-8-1.4	CBC Holdings, LLC	HENRY W. & LYNDIA M. AREHEART
		Henry W. Areheart and Lynda M. Areheart	
6	1-8-1.5	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
		Gary L. Neely and Arlene Neely	
7	1-8-1.1	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
		Gary L. Neely and Arlene Neely	
8	1-8-17	Ralph Six	CONSOL MINING COMPANY LLC
9A	1-2-22	Mt. Tabor Methodist Episcopal Church	MT. TABOR CEMETERY
9B	1-2-22	Mt. Tabor Methodist Episcopal Church	MT. TABOR CEMETERY
		Earl W. Kennedy	
10	1-2-16, 1-2-16.2, P/O 1-2-16.1, P/O 1-2-17, and P/O 1-2-17.1	Glenn L. White, individually and as trustee of Glenn L. White Trust	ROBERT ANTHONY LAUER III, DELORES J. HARRISON, THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	
		David T. White and Sarah K. White	
		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
		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	
		Laurence D. Hare	
		Cheryl Molesky	
		Eidon Bryant Tucker and Brenda Sue Tucker	
		James Tucker and Flora Siu Tucker	
Robert Earl Tucker and Patricia Ruth Tucker			
David Tucker			

09/28/2018

- SURFACE TRACT OWNERS & TAX PARCEL**
- DINA M WISE ET AL TM# 1-8-2
 - BARBARA J. WAGNER TM# 1-8-3.1
 - BARBARA J. WAGNER TM# 1-8-3
 - DAVID W & ELIZABETH K DEATON TM# 1-8-1.2
 - GARY L & ARLENE ANN NEELY TM# 1-8-1.5
 - HENRY W & LYNDIA M AREHEART TM# 1-8-1
 - CONSOL MINING COMPANY LLC TM# 1-8-17
 - HENRY W. & LYNDIA M. AREHEART TM# 1-8-1.4
 - GARY L & ARLENE ANN NEELY TM# 1-8-1.1
 - ROBERT ANTHONY LAUER III TM# 1-2-16
 - MT. TABOR CEMETERY TM# 1-2-22
 - CONSOL MINING COMPANY LLC TM# 1-3-2
 - ROY LEE JR. & ERICA E. HALL TM# 1-2-21
 - THOMAS M. BARNHOUSE TM# 1-2-17
 - DELORES J. HARRISON TM# 1-2-16.2
 - LEONARD EDWARD HALL JR. TM# 1-2-18.1
 - JASON BRIAN & LINDSEY R. HALL TM# 1-2-18
 - FREDERICK JR. & PATRICIA MORGAN TM# 1-2-17.1
 - ROY L. HALL TM# 1-2-19
 - DAVID & NANCY LIMING TM# 1-2-14
 - HUSKIE LUMBER COMPANY INC TM# 1-2-13

(+) 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 Production Deep Shallow

Gas Liquid Injection Storage

OPERATOR'S WELL #: WDTN54HSU

API WELL # 47 STATE 061 COUNTY PERMIT

WATERSHED: DUNKARD CREEK ELEVATION: 1412'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV

SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36

OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE

PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON

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

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
10 (CONT.)	1-2-16, 1-2-16.2, P/O 1-2-16.1, P/O 1-2-17, and P/O 1-2-17.1	Charles Tucker and Barbara Arpino-Tucker	ROBERT ANTHONY LAUER III, DELORES J. HARRISON, THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		Alice T. Boone	
		Three Rivers Royalty II LLC	
		Donald Pelger	
		Chase Schwarsenska	
		Chris Pelger	
		Carl L. Anderson and Sandra L. Anderson	
		David Wayne Anderson	
		David C. Anderson	
		Shannon Harker	
		John Pelger	
		Brenda A. Murphy	
		Vickie L. Simmons	
		Sherry C. McCoy	
		Kelly Dilbeck (1/1152)	
		XTO Energy, Inc (3/8)	
		Holly Pelger Harker	
11	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY LLC
		Lucy Mae Stickley	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		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			
Doris Jean White			
Sandra Pixler			
Victor A. White (4/147)			
Melinda Reid Hatton (2/147)			
Dennis F. Hatton Jr. (1/147)			
Amanda Hatton (1/147)			
12	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR. & ERICA E. HALL
		Connie Lee Norwood	
		Beth Ellen Younciak, a/k/a Beth Ellen Bennett	
		Ewing Albert Bennett	
		Cheryl Lynn Bennett Frankenfield	
		Emily B. Vallin	
		Jennifer Sue Carpenter	
		Shirley Dotterer Wadsworth	
		Kathryn Dotterer Vahl	
		Thelma R. Dotterer Chowning	
		Marc D. Prochazka	
		Richard Leslie Puchstein	
		Carl Eric Puchstein	
		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	
John William Bennett			
Jeffery Carpenter			
Kent P. Prochazka (1/18)			
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R. HALL, LEONARD EDWARD HALL JR.
		Samuel William Stewart and Barbara C. Stewart	
		Merrion Oil and Gas Corporation Hu's Land and Minerals LLC	
14	1-2-17.2, P/O 1-2-15.1, P/O 1-2-17, and P/O 1-2-17.1	Glenn L. White, individually and as trustee of Glenn L. White Trust	THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	
		David T. White and Sarah K. White	
		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
		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	
		Laurence D. Hare	
Cheryl Molesky			

09/28/2018

(+) 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 Phone: 412-219-4509
Sewickley, PA 15143 Email: info@shefflerCo.com

DATE: April 3, 2018, Rev. July 18, 2018

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 OPERATOR'S WELL #: WDTN5AHSU
 API WELL # 47 061
 STATE COUNTY PERMIT
 WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 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

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
14 (CONT.)	1-2-17.2, P/O 1-2-16.1, P/O 1-2-17, and P/O 1-2-17.1	Eldon Bryant Tucker and Brenda Sue Tucker	THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		James Tucker and Flora Siu Tucker	
		Robert Earl Tucker and Patricia Ruth Tucker	
		David Tucker	
		Charles Tucker and Barbara Arpino-Tucker	
		Alice T. Boone	
		Three Rivers Royalty II LLC	
		Donald Pelger	
		Chase Schwersenska	
		Chris Pelger	
		Carl L. Anderson and Sandra L. Anderson	
		David Wayne Anderson	
		David C. Anderson	
		Shannon Harker	
		John Pelger	
		Brenda A. Murphy	
		Vickie L. Simmons	
Sherry C. McCoy			
Kelly Dilbeck (1/1152)			
XTO Energy, Inc.			
Holly Pelger Harker			
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	
		Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	
		David T. White and Sarah K. White	
		Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
		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	
		Laurence D. Hare	
		Cheryl Molesky	
		Eldon Bryant Tucker and Brenda Sue Tucker	
		James Tucker and Flora Siu Tucker	
		Robert Earl Tucker and Patricia Ruth Tucker	
		David Tucker	
		Charles Tucker and Barbara Arpino-Tucker	
		Alice T. Boone	
		Three Rivers Royalty II LLC	
		Donald Pelger	
		Chase Schwersenska	
		Chris Pelger	
		Carl L. Anderson and Sandra L. Anderson	
David Wayne Anderson			
Shannon Harker			
John Pelger			
David C. Anderson			
Brenda A. Murphy			
Vickie L. Simmons			
Sherry C. McCoy			
Kelly Dilbeck (1/1152)			
XTO Energy, Inc.			
Holly Pelger Harker			
16	1-2-19	Merrion Oil and Gas Corporation Hu's Land and Minerals LLC	ROY L. HALL
17	1-2-13	Huskie Lumber Co., Inc Ralph Six	HUSKIE LUMBER COMPANY INC

09/28/2018

(+) DENOTES LOCATION OF
WELL ON UNITED STATES
TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
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1712 Mount Nebo Road Phone: 412-219-4509
Sewickley, PA 15143 Email: info@shefflerCo.com

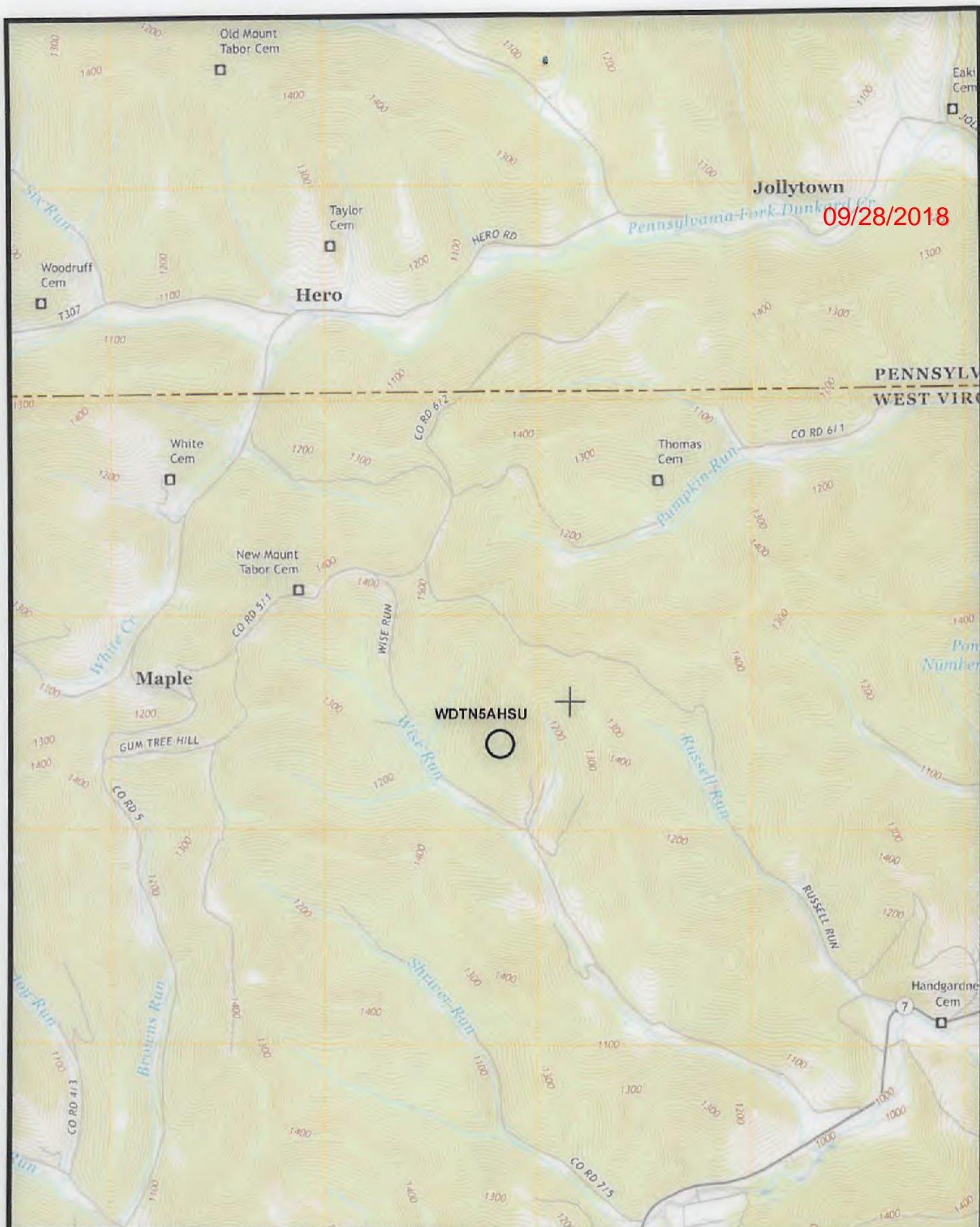
DATE: April 3, 2018, Rev. July 18, 2018

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: DUNKARD CREEK ELEVATION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

OPERATOR'S WELL #: WDTN5AHSU
API WELL # 47 061
STATE COUNTY PERMIT

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: April 3, 2018, Rev. July 18, 2018

OPERATOR'S WELL #: WDTN5AHSU

API WELL #	<u>47</u>	<u>061</u>	
	STATE	COUNTY	PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK

ELEVATION: 1412'

COUNTY/DISTRICT: MONONGALIA / BATTELLE

QUADRANGLE: WADESTOWN, WV

SURFACE OWNER: JOHN M. WISE, ET UX., ET AL.

ACREAGE: 207.36

OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL.

ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 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



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,

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

Erika Whetstone
CNX Gas Company LLC

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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 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:** WDTNSAHSU, WDTNEBHSU, WDTNSCHSU, WDTNSGHSU, WDTNSHHSU

Address: 1000 Consol Energy Drive, Canonsburg PA. 15317

Business Conducted: Natural gas production.

Location –

State:	<u>West Virginia</u>	County:	<u>Monongalia</u>
District:	<u>Battelle</u>	Quadrangle:	<u>Wadestown</u>
UTM Coordinate NAD83 Northing:	<u>4395400.010, 4395400.802, 4395394.759, 4395387.925, 4395393.967</u>		
UTM coordinate NAD83 Easting:	<u>556820.241, 556826.284, 556827.076, 556821.825, 556821.033</u>		
Watershed:	<u>Dunkard Creek</u>		

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.

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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.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

PUBLISHER'S CERTIFICATE

09/28/2018

vs.

STATE OF WEST VIRGINIA
COUNTY OF MONONGALIA

I 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

for 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 \$200.06

Given under my hand this 15th day of

March, 2018

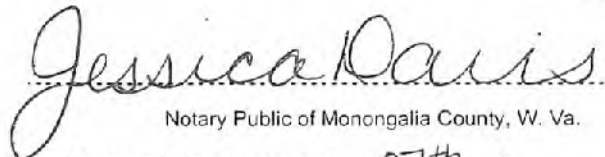


(SEAL)

Advertising Director of THE DOMINION POST

Subscribed and sworn to before me this 15th APR 6 2018

day of March, 2018



Notary Public of Monongalia County, W. Va.

My commission expires on the 27th day of

Feb. 2023

010128451 March 8, 15

Horizontal Natural Gas Well Work Permit Application Notice By Publication

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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, WDTN5CHSU, WDTN5GHSM, WDTN5HHSM
Address: 1000 Consol Energy Drive, Canonsburg PA. 15317
Business Conducted: Natural gas production.

Location —
State: West Virginia County: Monongalia
District: Battelle Quadrangle: Wadestown

UTM Coordinate NAD83 Northing:
4395400.010, 4395400.802, 4395394.759, 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/utm_conus.php

Electronic notification:
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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/ooe/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



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
JESSICA DAVIS
WV NEWSPAPER PUBLISHING CO.
1251 EARL L. CORE RD.
MORGANTOWN, WV 26505
My Commission Expires February 27, 2023

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Office of Oil and Gas
WV Department of
Environmental Protection

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

Date of Notice Certification: 4-4-18

API No. 47- _____
Operator's Well No. WDTN5AHSU
Well Pad Name: WDTN5

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83	Easting: <u>1732970.914</u>
County: <u>Monongalia</u>		Northing: <u>440565.830</u>
District: <u>Battelle</u>	Public Road Access: <u>CR6 Wise Run</u>	
Quadrangle: <u>Wadestown</u>	Generally used farm name: <u>Wise</u>	
Watershed: <u>Dunkard Creek</u>		

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:

*PLEASE CHECK ALL THAT APPLY

- 1. NOTICE OF SEISMIC ACTIVITY or NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED
- 2. NOTICE OF ENTRY FOR PLAT SURVEY or NO PLAT SURVEY WAS CONDUCTED
- 3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)
- 4. NOTICE OF PLANNED OPERATION
- 5. PUBLIC NOTICE
- 6. NOTICE OF APPLICATION

OOG OFFICE USE ONLY

- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED
- RECEIVED

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.

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Commonwealth of Pennsylvania
County of Washington

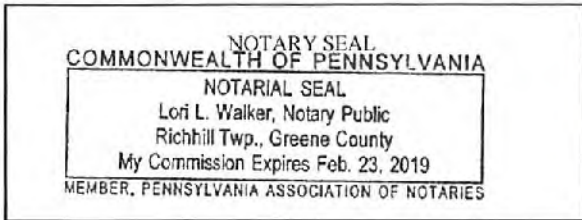
09/28/2018

Certification of Notice is hereby given:

THEREFORE, I Raymond Hoon *Raymond Hoon* 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.

Well Operator: GNX Gas Company LLC
By: Raymond Hoon
Its: Permitting Supervisor
Telephone: 724-485-3540

Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
Facsimile: _____
Email: RaymondHoon@CNX.com



Subscribed and sworn before me this 4th day of April 2018.
Lori L Walker Notary Public
My Commission Expires February 23, 2019

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 deprivacyofficer@wv.gov.

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**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 WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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:

SURFACE OWNER(s)

Name: See attached
Address: _____

Name: _____
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: See attached
Address: _____

Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: N/A
Address: _____

COAL OWNER OR LESSEE

Name: See attached
Address: _____

COAL OPERATOR

Name: N/A
Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: N/A
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: N/A
Address: _____

*Please attach additional forms if necessary

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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 erosion 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.

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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

WV Department of
Environmental Protection

09/28/2018

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

Office of Oil and Gas
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.**

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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Enforcement Division

WW-6A
(8-13)

Attached to WDTN5A WW-6A

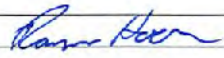
API NO. 47- _____
OPERATOR WELL NO. WDTN5AHSU
Well Pad Name: WDTN5

09/28/2018

Commonwealth of Pennsylvania County of Washington

Notice is hereby given by:

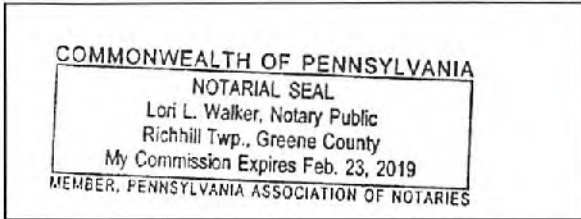
Well Operator: CNX Gas Company LLC
Telephone: 724-485-3540
Email: RaymondHoon@CNX.com



Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
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.



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

Lori L Walker Notary Public

My Commission Expires February 23, 2019

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Environmental Protection

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 ✓ ✓

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Environmental Protection
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

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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 ✓

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Department of Environmental Protection
East of the Sun, West of the Moon

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

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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

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1134 Brooke Rd., Stafford, VA 22405

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Brianna Skyler Sweeney
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16200 Bealle Hill Road, Waldorf, MD 20601

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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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09/28/2018

Jesse D. Jones
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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

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Environmental Protection

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LEGEND

-  WDTN5 Gas Well
-  Wells
-  Spring
-  Ponds
-  1,500 Foot Radius
-  2,500 Foot Radius
-  Parcel Boundaries



Map References:
 Monongalia County collector and provided by Moody and Associates, Inc.
 - 7 1/2 minute quadrangle, West Union, WV
 - Data aerial imagery derived from ESRI satellite database.
 - Made Imagery with Aerial Transparency Overlay.

Notes:
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PRE-DRILL WATER SURVEY

**WDTN5 Gas Well
Water Source Map**

Battelle District
Monongalia County, WV

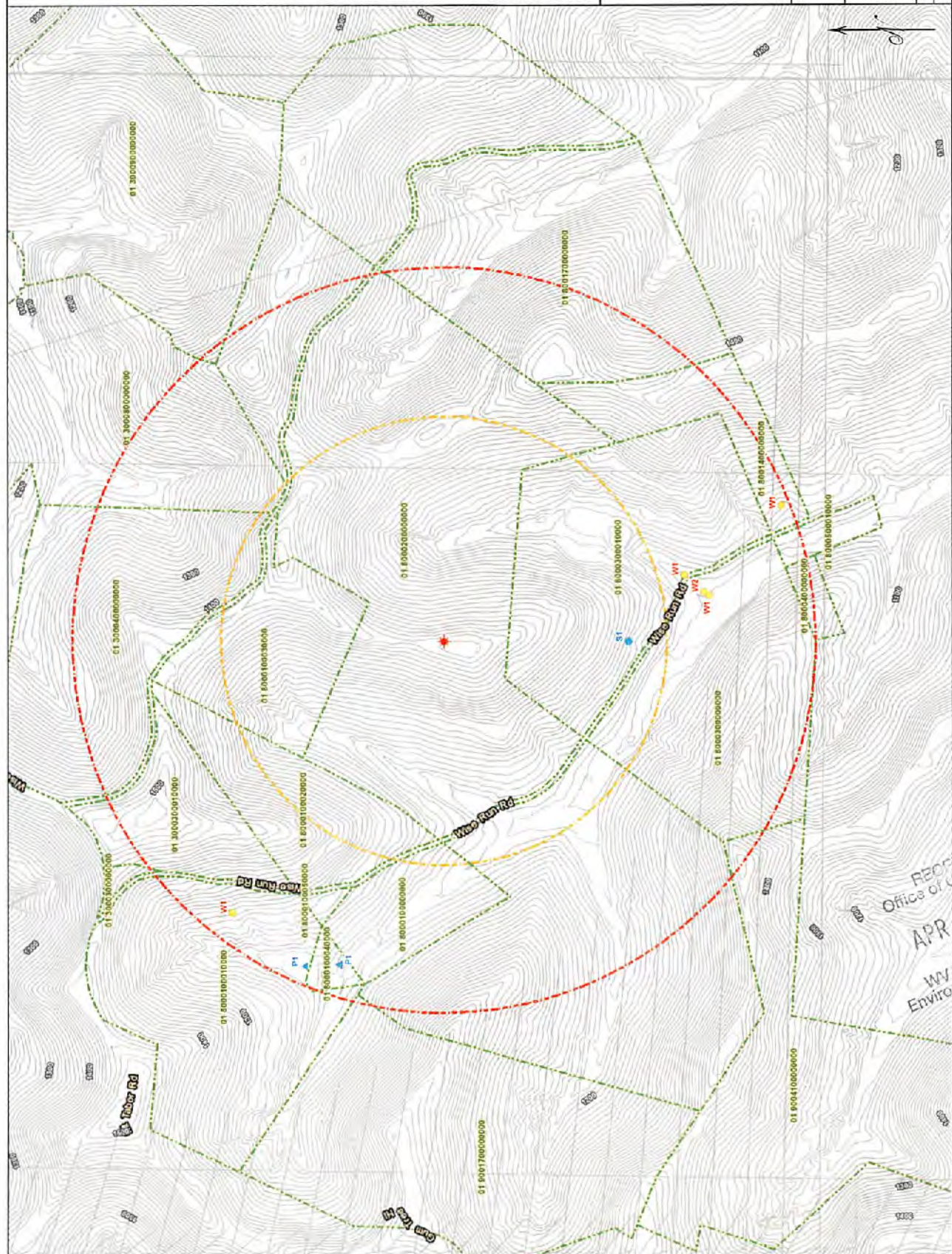
Project #: 17-227-01

Prepared for:



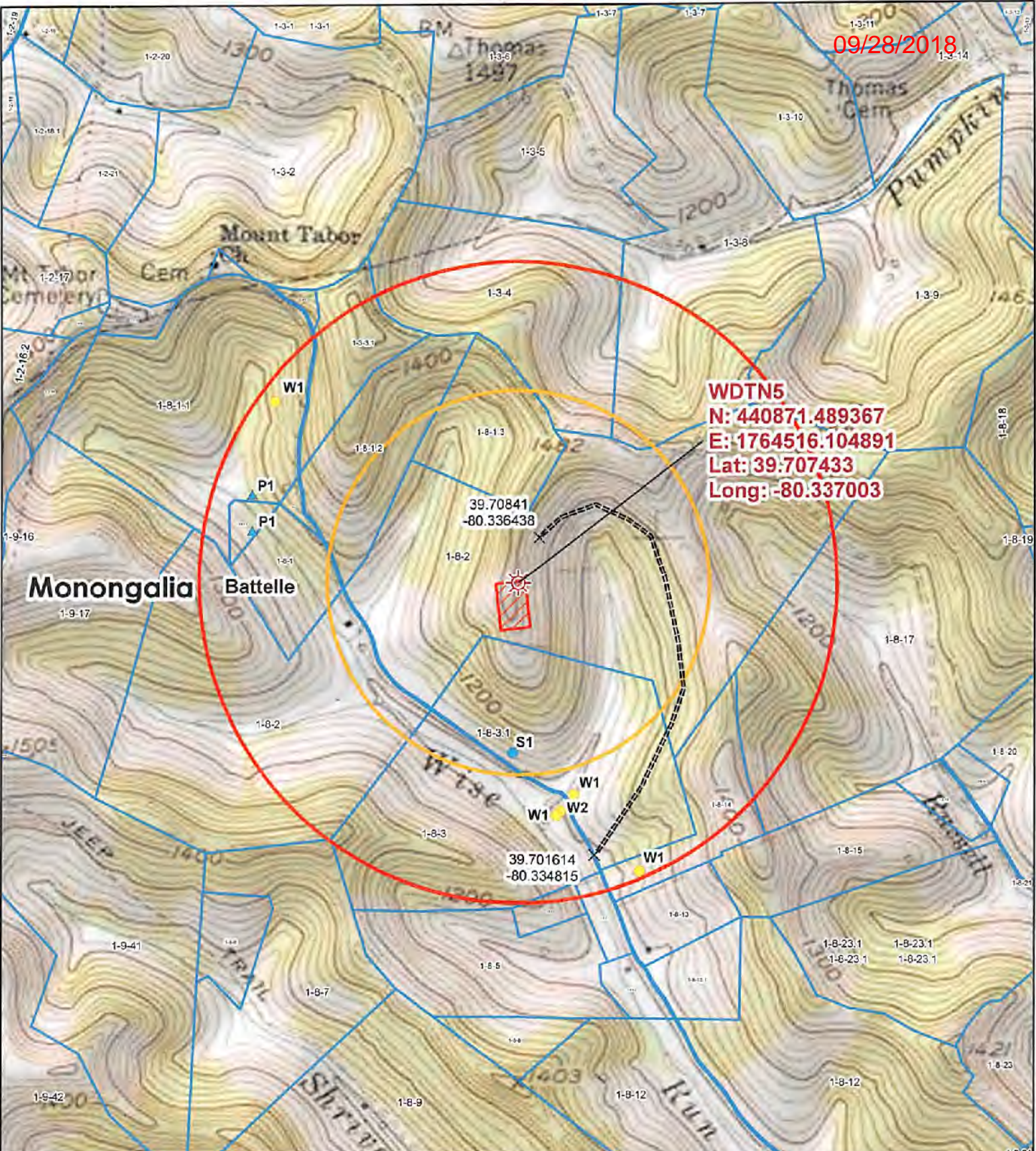
100 Johnson Road
 Box 101
 Houston, TX 77042
 Office: (713) 746-5200
 Fax: (713) 746-5603
 www.moody-s.com

Drawn by:	MPS	Date:	10/17
Checked by:	MC	Revision:	



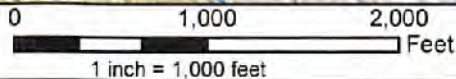
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 Environmental Protection

09/28/2018



Legend

- Wellbore
- Wells
- Spring
- Ponds
- Access Points
- Access Road
- 2,500 Foot Buffer
- 1,500 Foot Buffer
- Well Pad
- Surface Parcel



CONSOL ENERGY
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 CNX Center, Canonsburg, PA

Original Date: 11/13/2017 Prepared By: GIS

Revision Date: 11/13/2017 Approved By: GIS

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APR 6 2018
 Topographic Well Map
 WDTN5
 Environmental Division

**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

Office of Oil and Gas
APR 6 2018
WV Department of Environmental Protection

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 *Raymond Hoon*
Its: Permitting Supervisor

Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
1	1-8-2	189010000	Richard W. Wise 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	1516/36 129/292 131/339
			Richard W. Wise and Sandra S. Wise Donald Wise CNX Gas Company, LLC Noble Energy, Inc. Thomas E. McCauley 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	Lease Amendment Not less than 1/8 Assignment Assignment Not less than 1/8 Assignment Assignment	1595/13 1516/486 129/312 131/339 1442/715 129/270 131/339 1442/707
			Richard L. McCauley CNX Gas Company, LLC Noble Energy, Inc. Judy A. Eckman 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	129/270 131/339 1520/433
			Robert Stewart CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	131/212 131/339
			Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen 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	1520/481 129/292 131/339
			Noble Energy, Inc. Clifford J. Wise 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	1525/330 129/292 131/339
			Regina Wise Myers AKA Violet Regina Myers 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	1450/740 129/270 131/339
			Eleanor J. Wise CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1501/809 128/617
			Walter C. Ord 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	1501/803 128/617 131/339
			James Freeman Stewart CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1501/806 128/617
			Victor E. Wise 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	1501/813 128/617 131/339
			Zelda Ruth Brummage 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	1500/762 126/654 131/339
			Evalée A. Everly Shaheen 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	1501/321 126/654 131/339
			Dexter Murie Stewart CNX Gas Company, LLC Noble Energy, Inc.	CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment	1500/277 126/654
			Justin P. Stewart 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	1520/625 129/292 131/339
			Annette E. Stewart 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	1510/606 128/628 131/339
			Deborah Goff 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	1529/256 129/292 131/339
			Walter R. Currence 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	1524/530 129/292 131/339
			Maureen S. Currence 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	1520/781 129/292 131/339
			Michelle L. Currence 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	1528/431 131/212 131/339
			Phyllis J. Petrosky 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	1510/203 128/628 131/339
			Jesse D. Jones 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	1509/468 129/312 131/339
			Harold M. Jones, Jr. 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	1511/101 128/628 131/339
			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	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Not less than 1/8 Fee Conveyance	1597/89 1602/621 1597/99 1598/230 1596/260 1597/85 1602/108 1602/113 1600/462
			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	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Fee Conveyance Fee Conveyance Fee Conveyance Fee Conveyance	1599/282 1599/267 1600/800 1601/148

Boyd Hawkins and Karl J. Hawkins
Becky Bortnick Hawkins

CNX Gas Company, LLC
CNX Gas Company, LLC

Fee Conveyance
Fee Conveyance

1601/152
1605/324

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
2	1-8-3 & 1-8-3.1	204769000	Barbara J. Wagner	CNX Gas Company, LLC	Not less than 1/8	1506/533
			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	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. 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			

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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	Lease Amendment	1415/388
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/344
			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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
4	1-8-1.2	205005000	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
			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.	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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
5	1-8-1.4	204776000	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
			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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
6	1-8-1.5	204774000	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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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

Karen I. Meyers	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Not less than 1/8	1520/498
Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	129/312
Carol S. White Davis	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1517/242
Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	129/312
Edwin R. White II	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1520/502
Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	129/312
Robert Tate Jr.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1526/591
Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	129/312
Frederick Tate	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1527/558
Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	129/312
Timothy Tate Jr.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1527/663
Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	129/312
Alex Tate	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1528/243
Noble Energy, Inc.	Jennifer Marie Carrington	CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
CNX Gas Company, LLC	CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	Noble Energy, Inc.	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1529/272
Jennifer Marie Carrington	CNX Gas Company, LLC	CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	Robert S. Elliot	CNX Gas Company, LLC	Noble Energy, Inc.	Not less than 1/8	1529/679
Robert S. Elliot	CNX Gas Company, LLC	CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	131/212
CNX Gas Company, LLC	Noble Energy, Inc.	CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339
Noble Energy, Inc.	Jane E. McIntyre and Glenn C. McIntyre	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1614/708
Jane E. McIntyre and Glenn C. McIntyre	Jan W. Ellison and Thomas A. Ellison	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1614/704
Jan W. Ellison and Thomas A. Ellison	Marianne Ann Borkowski and Marc Borkowski	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1614/645
Marianne Ann Borkowski and Marc Borkowski	Edith B. White	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1614/649
Edith B. White	Nancy Emerick	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1614/145
Nancy Emerick	Betty Ann Reed	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1612/556
Betty Ann Reed	David Ray Stone	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1606/619
David Ray Stone	Donald E. Stone	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1605/624
Donald E. Stone	Doris Jean White	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1605/329
Doris Jean White	Sandra Pixler	CNX Gas Company, LLC	CNX Gas Company, LLC	Not less than 1/8	1605/808
Sandra Pixler	Victor A. White (4/147)	N/A	N/A	Unleased	Unleased
Victor A. White (4/147)	Melinda Reid Hatton (2/147)	N/A	N/A	Unleased	Unleased
Melinda Reid Hatton (2/147)	Dennis F. Hatton Jr. (1/147)	N/A	N/A	Unleased	Unleased
Dennis F. Hatton Jr. (1/147)	Amanda Hatton (1/147)	N/A	N/A	Unleased	Unleased
Amanda Hatton (1/147)					

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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 Youndiak, 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. Vaillin	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
			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	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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
13	1-2-18 & 1-2-18.1	188580000 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
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Samuel William Stewart and Barbara C. Stewart	CNX Gas Company, LLC	Lease Amendment	1592/682
			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

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14	1-2-17.2, P/O 1-2-16.1, P/O 1-2-17, and P/O 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	Not less than 1/8	1521/781
			CNX Gas Company, LLC	Noble 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	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 Slu 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
			Three Rivers Royalty II LLC	CNX Gas Company, LLC	Not less than 1/8	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	CNX Gas Company, LLC	Not less than 1/8	1614/639
			Carl L. Anderson and Sandra L. Anderson	CNX Gas Company, LLC	Not less than 1/8	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	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
			Vickie L. Simmons	EQT Production Company	Not less than 1/8	1615/276
			EQT Production Company	CNX Gas Company, LLC	Assignment	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	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

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15	P/O 1-2-14	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.	Assignment	129/312
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	135/323
			Nancy Liming and David Liming	CNX Gas Company, LLC	Not less than 1/8	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.	Assignment	129/292
			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	Not less than 1/8	1521/781
			CNX Gas Company, LLC	Noble 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	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
Eidon 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
Three Rivers Royalty II LLC	CNX Gas Company, LLC	Not less than 1/8	1616/673
Donald Pelger	CNX Gas Company, LLC	Not less than 1/8	1612/550
Chase Schwarsenska	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	CNX Gas Company, LLC	Not less than 1/8	1614/309
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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
16	1-2-19	204780000	Merrion Oil and Gas Corporation EQT Production Company Hu's Land and Minerals LLC EQT Production Company	EQT Production Company CNX Gas Company, LLC EQT Production Company CNX Gas Company, LLC	Not less than 1/8 Assignment Not less than 1/8 Assignment	1516/268 135/765 1516/270 135/765

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17	1-2-13	188610000	Huskie Lumber Co., Inc Antero Resources Corporation Ralph Six	Antero Resources Corporation CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Assignment Not less than 1/8	1589/96 137/87 1620/122

**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 non-hydrocarbon 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. **Primary Term.** 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:

CNX Gas Company LLC

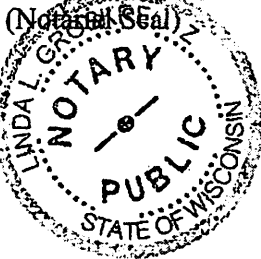
Holly Harker a.k.a Holly Pelger
Holly Harker, a.k.a. Holly Pelger

By: Douglas E Smith
Name: ~~Timothy Surmick~~ Douglas E Smith
Title: Assistant Vice President

ACKNOWLEDGMENTS

STATE/Commonwealth of Wisconsin
COUNTY OF Marquette

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.

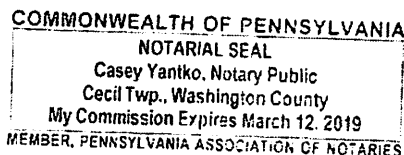


Linda G Grosbeck
NOTARY PUBLIC
My commission expires 9-11-20

[CNX]
COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 18th day of July, 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)



Casey Yantko
NOTARY PUBLIC
My commission expires 3-12-2019

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. 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 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 non-hydrocarbon 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. **Primary Term.** 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:

CNX Gas Company LLC

Holly Harker, a.k.a. Holly Pelger
Holly Harker, a.k.a. Holly Pelger

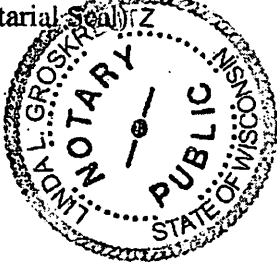
By: Douglas E. Smith
Name: Timothy Surrnick Douglas E. Smith
Title: Assistant Vice President

ACKNOWLEDGMENTS

STATE/Commonwealth of Wisconsin
COUNTY OF Marquette

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.

(Notarial Seal)



Linda J. Groskreiner
NOTARY PUBLIC
My commission expires 9-11-20

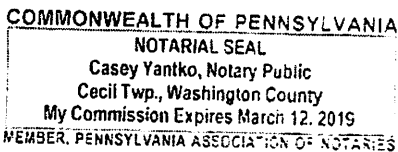
[CNX]

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 18th day of July, 2018 by ~~Timothy Surrnick~~ Douglas E. Smith, 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)



Casey Yantko
NOTARY PUBLIC
My commission expires 3-12-2019

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. 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, 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 non-hydrocarbon 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. **Primary Term.** 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:

CNX Gas Company LLC

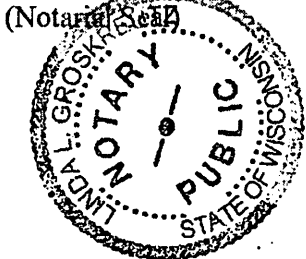
Holly Harker, a.k.a. Holly Pelger
Holly Harker, a.k.a. Holly Pelger

By: Douglas E Smith
Name: ~~Timothy Surmick~~ Douglas E Smith
Title: Assistant Vice President

ACKNOWLEDGMENTS

STATE/Commonwealth of Wisconsin
COUNTY OF Marquette

The foregoing instrument was acknowledged before me on the 14 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.



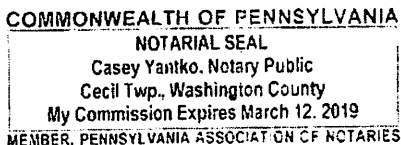
Linda L. Groskreiner
NOTARY PUBLIC
My commission expires 9-11-20

[CNX]
COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 18th day of July, 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)



C. Yantko
NOTARY PUBLIC
My commission expires 3-12-2019

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. 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.

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

09/28/2018

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

APR 6 2018

WV Department of
Environmental Protection

09/28/2018

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

By: _____

Name:

Title:

STATE OF [•] §
 §
COUNTY OF [•] §

Personally appeared before me, the undersigned authority in and for the jurisdiction aforesaid, on this ____ day of _____, 2018, before me personally appeared [•], who acknowledged himself to be the [•] 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.

Notary Public

My Commission Expires: _____
(Notarial Seal)

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

RECEIVED
Office of Oil and Gas

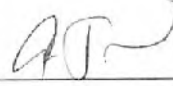
APR 6 2018

WV Department of
Environmental Protection

09/28/2018

ASSIGNEE:

CNX GAS COMPANY LLC
a Virginia limited liability company


By: 

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:

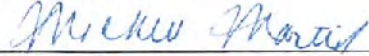
CNX Gas Company LLC
CNX Center
1000 CONSOL Energy Drive
Canonsburg, PA 15317

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

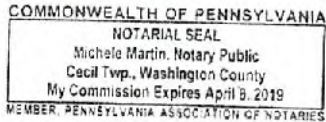
COMMONWEALTH OF PENNSYLVANIA,
WASHINGTON COUNTY, TO-WIT:

I, the undersigned, a notary public of the said county, do hereby certify that on this ^{27th} 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)



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

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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

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Exhibit A
ARC to OJX Monongalia County, WV Leases

COUNTY	DISTRICT	LESSOR	LESSEE	LEASE DATE	ACRES	BOOK	PAGE	TAX ID
Monongalia	Battelle	Judith 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, Inc. and O-Max Corporation	Antero Resources Corporation	5/9/2017	1.644	1589	185	1-9-P/O 3
Monongalia	Battelle	Huskie Lumber Co., Inc.	Antero Resources Corporation	5/9/2017	23.5	1589	96	1-2-13
Monongalia	Battelle	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	82	1-13-22 & 1-13-22.1
Monongalia	Battelle	Rosemary Cline, Attorney-in-Fact, 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	Donna Madden, a widow	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	Battelle	Elaine L. Derrick, a widow	Chesapeake Appalachia, LLC	1/28/2010	157.75	1410	304	1-22-4
Monongalia	Battelle	Ruth V. Lough, a widow	Chesapeake Appalachia, LLC	3/2/2010	157.75	1420	57	1-22-4
Monongalia	Battelle	Rebecca Raye Russell, married dealing in her own right	Chesapeake Appalachia, LLC	5/18/2010	157.75	1420	771	1-22-4
Monongalia	Battelle	Elizabeth Ann Swope, a widow	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	83	1-22-4
Monongalia	Battelle	Shirley A. Warman, married dealing in her own right	Chesapeake Appalachia, LLC	10/22/2010	157.75	1423	600	1-22-4
Monongalia	Battelle	William Merle Warman	Chesapeake Appalachia, LLC	10/27/2010	157.75	1423	604	1-22-4
Monongalia	Battelle	Nancy A. Kelley, a widow	Chesapeake Appalachia, LLC	6/15/2010	157.75	1420	68	1-22-4
Monongalia	Battelle	John R. Hall, Jr., a widower	Chesapeake Appalachia, LLC	6/1/2010	157.75	1420	72	1-22-4
Monongalia	Battelle	GwendolynHermann and Donald Hermann, her husband	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	76	1-22-4
Monongalia	Battelle	Charles K. Perrod, Jr., married dealing in his own right	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	79	1-22-4

ARC CONTROL #	ARC CONTROL #	Description Change
2	2	N
3	3	N
4	4	Y
6	6	N
11	11	Y
12	12	Y
14	14	N
14	14	N
14	14	N
16	16	N
19	19	N
23	23	N
24	24	N
25	25	N
26	26	N
27	27	N
28	23	N
29	23	N
30	23	N
N/A	23	N
N/A	23	N
N/A	23	N
N/A	23	N

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Monongalia	Battelle	Fern H. Giessman and George R. Giessman, her husband	Chesapeake Appalachia, LLC	6/4/2010	157.75	1420	87	1-22-4	N/A	23	N
Monongalia	Battelle	Charles E. Tilley and Ann K. Tilley, his wife	Chesapeake Appalachia, LLC	6/14/2010	157.75	1420	90	1-22-4	N/A	23	N
Monongalia	Battelle	Joe Harless, a widower	Chesapeake Appalachia, LLC	11/12/2010	157.75	1426	504	1-22-4	N/A	23	N
Monongalia	Battelle	Michael Harless (aka Richard Michael Harless), dealing in own rights	Chesapeake Appalachia, LLC	4/27/2012	157.75	1460	164	1-22-4	N/A	23	N
Monongalia	Battelle	Patrick Lawrence Hearn, Married dealing in his own right	Chesapeake Appalachia, LLC	5/12/2012	157.75	1463	710	1-22-4	N/A	23	N
Monongalia	Battelle	Sarah Stensel, dealing in her own right	Chesapeake Appalachia, LLC	5/25/2012	157.75	1462	717	1-22-4	N/A	23	N
Monongalia	Battelle	Cathleen Cox Stensel, married dealing in her own right	Chesapeake Appalachia, LLC	5/25/2012	157.75	1462	721	1-22-4	N/A	23	N
Monongalia	Battelle	Brian Walter Hearn, dealing in his own right	Chesapeake Appalachia, LLC	5/23/2012	157.75	1463	714	1-22-4	N/A	23	N
Monongalia	Battelle	Clark Donley Stiles, a single man	Antero Resources Corporation	12/8/2016	68.84	1577	300	1-13-19 & 1-13-19.1	51	27	Y
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	6.2	1589	178	1-14-P/O 10.2 & 1-14-18.1	53	29	N
Monongalia	Battelle	Ralph Siv, Individually	Antero Resources Corporation	5/9/2017	72.33	1589	102	1-9-11, 1-9-11.1, 1-9-11.2, 1-9-11.3, 1-9-11.4, 1-9-11.5, 1-9-11.6, & 1-9-11.7	59	35	Y
Monongalia	Battelle	Ralph Siv, Individually	Antero Resources Corporation	5/9/2017	95.75	1589	105	1-9-39, 1-9-39.1, 1-9-39.2, 1-9-39.3, 1-9-39.4, 1-9-39.5 & 1-9-39.6	60	36	Y
Monongalia	Battelle	Dikie Ann Kelly, a widow	Chesapeake Appalachia, LLC	9/19/2011	19.25	1509	362	1-19-32	61	37	N
Monongalia	Battelle	Betty L. Boot and Jack Boot, Jr., her husband	Chesapeake Appalachia, LLC	9/23/2011	19.25	1509	368	1-19-32	62	37	N
Monongalia	Battelle	Wilma J. Meddock and Dale R. Meddock, her husband	Chesapeake Appalachia, LLC	11/10/2011	19.25	1449	524	1-19-32	63	37	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	19	1589	130	1-13-P/O 35	65	39	N
Monongalia	Battelle	Steven Hoofnagle, Individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	704	1-20-3 & 1-20-3.1	90	43	N
Monongalia	Battelle	David Hoofnagle, Individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	707	1-20-3 & 1-20-3.1	90	43	N
Monongalia	Battelle	Patricia Waltrup, Individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	713	1-20-3 & 1-20-3.1	90	43	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	97.426	1589	148	1-7-34, 34.1, 34.2, 38, 39	71 & 92	45	N

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Monongalia	Battelle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	102.5	1589	66	1-12-4	69	75	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	51.5	1592	135	1-13-43.2, 44, 45, 1-14-P/O 8, 1-17-1, 1.1, 1-18-11	69	66	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	49	1589	197	1-13-P/O 29	69	65	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	128.75	1589	194	1-23-1.1	69	58	N
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, 16.1, 16.2, 16.3, 16.4	69	59	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	52	1589	136	1-23-P/O 30	69	60	N
Monongalia	Battelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	115.5	1589	200	1-27-9	69	68	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	40,45625	1589	151	1-24-P/O 4, P/O 5	69	69	N
Monongalia	Battelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	34	1589	203	1-27-P/O 1	88	71	N
Monongalia	Battelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	29	1589	162	1-27-P/O 1	88	72	N
Monongalia	Battelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	24	1589	159	1-27-P/O 1	88	73	N
Monongalia	Battelle	Noumenon Corporation, Shuman, Inc. and O-Max Corporation	Antero Resources Corporation	5/9/2017	1.23	1589	181	1-2-P/O 1	89	61	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	60	1589	165	1-7-43, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6	69	64	N
Monongalia	Battelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	21,933	1589	87	1-12-29.2 & 1-12-12	70	78	N
Monongalia	Battelle	Ralph Six, Individually, and Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	12,013	1589	75	1-19-25 & 1-19-25.1	97	80	Y
Monongalia	Battelle	Ralph Six, Individually, and Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	7.95	1589	69	1-19-26, 26.1	70	81	N
Monongalia	Battelle	Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	21,093	1589	99	1-23-16.1	70	79	N
Monongalia	Battelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	74	1589	90	1-9-17	70	77	N
Monongalia	Battelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	74.5	1589	108	1-12-28.2, 28.1, 28.2, 28.3 & 28.4	94	47	N

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Monongalia	Battelle	Amato, Herbert Keith and Lori Lewis Amato, n&w	Dominion Exploration & Production, Inc.	7/17/2008	96	1372	789	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	79	50	N
Monongalia	Battelle	Stalter, Doris P., widow, by Susanne 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, 1-7-41.1, 1-7-41.2, 1-7-41.3, 1-7-41.4, 1-7-41.5, 1-7-41.6, 1-7-41.7	79	50	N
Monongalia	Battelle	Simpson, David C., a married man dealing with his own separate property	Dominion Exploration & Production, Inc.	7/17/2008	96	1372	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, 1-7-41.3, 1-7-41.4, 1-7-41.5, 1-7-41.6, 1-7-41.7	79	50	N
Monongalia	Battelle	Simpson, Jr., Ira J., a married 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	79	50	N
Monongalia	Battelle	Lemley, Norma Jean, widow, by Alf Donald Patrick Lemley	Dominion Exploration & Production, Inc.	7/17/2008	96	1372	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	79	50	N
Monongalia	Battelle	Wernette, Jeanne	Dominion Exploration & Production, Inc.	7/17/2008	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	79	50	N
Monongalia	Battelle	Wise, Garland and John C. Wise, w/h	CNG Producing Company	1/23/1991	313	1024	340	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28	80	51	N
Monongalia	Battelle	Tuttle, Grace Mae, widow; Avis B. Parker, widow; Freda 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	80	51	N
Monongalia	Battelle	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 Lisa D. White, h/w	CNG Producing Company	2/7/1991	313	1024	395	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26	80	51	N

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Monongalia	Battelle	West, Eleanor, widow; Wanda P. Lenley, widow; Charles W. Hart and Gloria F. Hart, h/w; Nellie Raye Tennant and James W. Tennant, w/h; Jesse L. Park and Betty V. Park, h/w	CNG Producing Company	2/15/1991	313	1024	303	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Park, Ethel L., widow; Mary L. Hodge, married; James F. Tuttle and Jean Tuttle, h/w; Lucy Henderson and Rex W. Henderson, w/h; Opal Kennedy, widow	CNG Development Company	2/19/1991	313	1024	334	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Park, Pat L. and Beverly Park, h/w; Agnes M. Ritz and James E. Ritz, w/h	CNG Producing Company	3/13/1991	313	1024	836	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Park, Virginia, widow	CNG Producing Company	3/22/1991	313	1024	403	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Park, Frances C., widow	CNG Producing Company	3/22/1991	313	1024	309	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Barker, June, widow	CNG Producing Company	3/25/1991	313	1024	360	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	King, Charles and Rosalee King, h/w	CNG Producing Company	3/27/1991	313	1027	372	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Park, Orl and Edna Park, h/w	CNG Producing Company	3/29/1991	313	1027	417	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Owens, Helen J. and Roy R. Owens, w/h	CNG Producing Company	4/11/1991	313	1027	397	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Henderson, Robert L., a married man dealing in his own property	CNG Producing Company	3/28/1991	313	1029	583	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Patterson, Sr., Charles W., in his own right; Charles W. Patterson, Sr., Guardian for Mable Pauline Patterson, his wife	CNG Producing Company	4/1/1991	313	1042	250	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Bello, Helen S. and James R. Bello, w/h	CNG Producing Company	3/30/1991	313	1029	658	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Sprows, Roberts and Clyde R. Sprows, w/h	CNG Producing Company	4/19/1991	313	1027	407	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-88883, p/o 1-14-26	80	51	N

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Monongalia	Battelle	Keene, Christine L., widow; Rita Golembewski, single; Patrick Golembewski and Diane Golembewski, h/w; Jerry Golembewski, single; Vicki Miltzewski and August J. Miltzewski, w/h; Theresa Peterson and Carl Patterson, w/h; Phyllis Clarke, a married woman	CNG Producing Company	5/24/1991	313	1029	567	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-08883, p/o 1-14-26	80	51	N
Monongalia	Battelle	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, 1-7-34.1, 1-7-34.2, 1-7-38, p/o 1-7-35.1, p/o 1-7-37	81	52	N
Monongalia	Battelle	Stevenson, B.M. and V.E. Stevenson, h/w	CNG 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	81	52	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources 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	82	52	Y
Monongalia	Battelle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	36.5	1589	60	1-9-30	69	74	N
Monongalia	Battelle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	55	1589	63	1-4-6	83	53	N
Monongalia	Battelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	36.612	1589	145	1-7-25, p/O 25.1, 25.2, 25.3, 25.5	86	56	N
Monongalia	Battelle	Betsy Lou Straight Widow	Chesapeake Appalachia LLC	7/14/2010	45	1418	775	1-19-35	N/A	A-1	N
Monongalia	Battelle	Dwg Oil & Gas Acquisitions Llc By William R Gaston AS Managing Mc Mineral Company Llc	Chesapeake Appalachia LLC	10/6/2011	45	1448	37	1-19-35	N/A	A-1	N
Monongalia	Battelle	William R Gaston AS Managing Mc Mineral Company Llc	Chesapeake Appalachia LLC	3/29/2013	87.952	1480	141	1-19-30	N/A	A-2	N
Monongalia	Battelle	Rutan Debra (Fha Debra Bennington) Married	Chesapeake Appalachia Llc	10/29/2010	279.16	1425	56	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battelle	Wright Patricia A Single Woman	Chesapeake Appalachia Llc	11/1/2010	266.66	1436	571	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battelle	Keller Norma And John Keller Her Husband	Chesapeake Appalachia Llc	11/1/2010	279.16	1425	801	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battelle	Delaney Larry W	Chesapeake Appalachia Llc	12/20/2010	222.75	1428	263	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3	N/A	A-3	N
Monongalia	Battelle	Straight Barbara J Single	Chesapeake Appalachia Llc	8/2/2011	279.16	1443	229	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battelle	Straight Brett R And Susan Straight His Wife	Chesapeake Appalachia Llc	7/28/2011	279.16	1443	234	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battelle	Kerr, Martha Sue, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	81.6	1577	297	1-9-36 & 1-12-5	N/A	A-4	N

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Monongalia	Battelle	Kerr, Larry, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	81.6	1577	294	1-9-36 & 1-12-5
Monongalia	Battelle	Kerr, Martha Sue, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	93	1574	619	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4
Monongalia	Battelle	Kerr, Larry, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	93	1574	628	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4
Monongalia	Battelle	Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	248.25	1571	789	01-01-0006-0000-0000
Monongalia	Battelle	Vandenbergh, Amy, a married woman dealing in her sole and separate property	Antero Resources Corporation	6/25/2016	248.25	1571	786	01-01-0006-0000-0000
Monongalia	Battelle	Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	82.8	1571	795	1-10-3, 1-10-3.1
Monongalia	Battelle	Vandenbergh, Amy, a married woman dealing in her sole and	Antero Resources Corporation	6/25/2016	82.8	1571	783	1-10-3, 1-10-3.1
Monongalia	Battelle	Mary Jane Wells Rosemary Cline	Antero Resources Corporation	3/20/2017	62	1589	93	01-11-02

N/A	A-4	N
N/A	A-5	N
N/A	A-5	N
N/A	A-6	N
N/A	A-6	N
N/A	A-7	N
N/A	A-7	N
N/A	A-11	N

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Environmental Protection

**MEMORANDUM OF LEASE
(West Virginia)
243015000**

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into as of the 2nd 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 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

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3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:Date of execution of Lease: Feb, 2, 2018Effective Date of Lease: February, 13th 2018**4. DESCRIPTION OF SUBJECT PREMISES:**

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or non-hydrocarbon 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, 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.

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5. **TERM OF LEASE:**

A. **Primary Term.** 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:
Mt Tabor United Methodist Church

LESSEE:
CNX Gas Company LLC

By: _____
Name: Timothy Surmick
Title: Assistant Vice President

By: Roy L. Hall, Trustee

By: Victoria Hall, Trustee

John L. Miller
By: John L. Miller, Trustee

Karen Miller
By: Karen Miller, Trustee

Sonya Miller
By: Sonya Miller, Trustee

Adam Miller
By: Adam Miller, Trustee

Barbara Wagner
By: Barbara Wagner, Trustee

Lillian Wagner (T)
By: Lillian Wagner, Trustee

Beto Gorostieta
By: Beto Gorostieta, Trustee

Bill Areheart
By: Bill Areheart, Trustee

Lynda Areheart
By: Lynda Areheart, Trustee

Leonard Hall
Leonard Hall, Trustee

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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: _____
Name: Timothy Surmick
Title: Assistant Vice President

Roy L. Hall
By: Roy L. Hall, Trustee

Victoria Hall
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

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 2018

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ACKNOWLEDGMENTS

STATE/Commonwealth of FLORIDA
COUNTY OF HIGHLANDS

The foregoing instrument was acknowledged before me on the 10 day of FEB,
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 hand and official seal.

(Notarial Seal)



MICHAEL ERIC CAVE
MY COMMISSION # GG 043152
EXPIRES: November 5, 2020
Bonded Thru Budget Notary Services

[Signature]

NOTARY PUBLIC

My commission expires 5 NOV 2020

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ____ day of _____,
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, I hereunto set my hand and official seal.

(Notarial Seal)

NOTARY PUBLIC

My commission expires _____

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ____ day of _____,
2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**,
whose name(s) is/are signed hereto.

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

(Notarial Seal)

NOTARY PUBLIC

My commission expires _____

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APR 6 2018

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Environmental Protection

ACKNOWLEDGMENTS

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged 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.

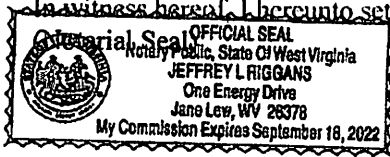
In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

NOTARY PUBLIC
My commission expires _____

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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, I hereunto set my hand and official seal.

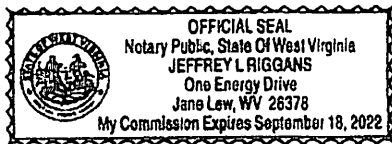


NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd day of Feb, 2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**, whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)



NOTARY PUBLIC
My commission expires 9-18-22

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STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

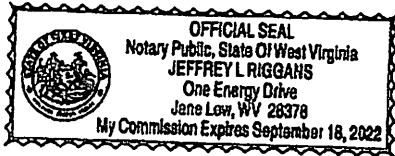


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

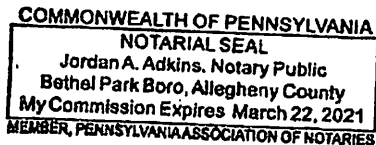


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of Pennsylvania
COUNTY OF Allegheny

The foregoing instrument was acknowledged before me on the 6th day of February, 2018 by **Mt. Tabor Methodist Church by its Trustees; Bill Areheart and Lynda Areheart** whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)



[Signature]
NOTARY PUBLIC
My commission expires 3-22-2021

STATE/Commonwealth of WV
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 2nd 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)



[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the ___ day of _____, 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)

NOTARY PUBLIC
My commission expires _____

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

MEMORANDUM OF OIL AND GAS LEASE

10359

THIS MEMORANDUM OF OIL AND GAS LEASE ("Memorandum"), dated this 8th day of March 2018, by and between Ralph Sly, 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 "Lessee".

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 seismic 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 Lease, 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 Dunkard Creek in the District of Battelle, County of Monongalia, State of West Virginia, and being bounded now or formerly substantially as follows, to wit:

On the North by lands of:	<u>Thomas M. Hennen Heirs & Matilda Hagen</u>
On the East by lands of:	<u>Matilda Hagen</u>
On the South by lands of:	<u>Thomas White</u>
On the West by lands of:	<u>F.M. Stagers</u>

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 07/08/1963 and recorded in the Office of the Clerk of the County Commission in and for Monongalia County, State of West Virginia, filed 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) YEARS. 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 otherwise 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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WHEREAS, pursuant to the terms of the Lease, A Horizontal Well drilled pursuant to the Lease into the Target Formations and completed as a Horizontal Well in Commercially Paying Quantities shall hold as Earned Acreage that portion of the Target Formations that shall be 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 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) calendar 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 acreage, such acreage shall be included in such unit, and

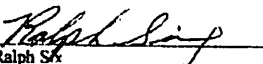
WHEREAS, At the end of the Primary Term of the Lease (which Primary Term may be extended as hereinabove described), the Lease shall expire as to all depths lying 100' above and 100' below any Producing Formation, provided, however, if the Lessee, its successors or assigns, should be engaged in Operations 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 have 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:

Lessor:


Ralph S.

Lessee:

CNX Gas Company LLC


By: Timothy Surpick
Title: Assistant Vice President

[Acknowledgements Follow]

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

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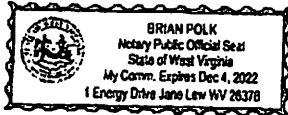
INDIVIDUAL ACKNOWLEDGEMENT

STATE/Commonwealth of West Virginia
COUNTY OF Mingo

The foregoing instrument was acknowledged before me on the 23rd day of March, 2018 by Ralph Six, whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

[Signature]
NOTARY PUBLIC
My commission expires 12/4/22



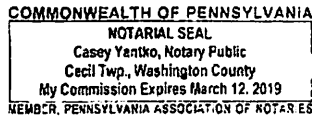
CORPORATE ACKNOWLEDGEMENT

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 23rd day of March, 2018 by Timothy Sarmitek, 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)

[Signature]
NOTARY PUBLIC
My commission expires 3-12-2019



RS

MEMORANDUM OF LEASE

(West Virginia)

1535

THIS MEMORANDUM OF LEASE (this "Memorandum") is made and entered into effective as of the 20th 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. DATE OF LEASE EXECUTION/EFFECTIVE DATE:Date of execution of Lease: 3/20/18Effective Date of Lease: 3/20/18**4. DESCRIPTION OF SUBJECT PREMISES:**

All the oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or non-hydrocarbon 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. TERM OF LEASE:

A. Primary Term. 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.

09/28/2018

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:



John Belger

LESSEE:

CNX Gas Company LLC

By:

Name: Timothy Surmick

Title: Assistant Vice President



RECEIVED
Office of Oil and Gas

APR 6 2018

West Virginia Department of
Environmental Protection

EXHIBIT A

1535

This "Exhibit A" is attached to and made part of that certain Oil and Gas Lease dated the 20th of March, 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.


ACKNOWLEDGMENTS

STATE/Commonwealth of Wisconsin
COUNTY OF Adams

The foregoing instrument was acknowledged before me on the 20th day of March,
2018 by John Pelger whose name(s) is/are signed hereto. In witness hereof, I hereunto set my
hand and official seal.

(Notarial Seal)

Christina Martin
NOTARY PUBLIC
My commission expires 03-19-19



[CNX]
COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the ___ day of _____,
20__ 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)

NOTARY PUBLIC
My commission expires _____

**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


By: 

Name: William J. Pierini
Title: Vice President, Commercial
Contracts

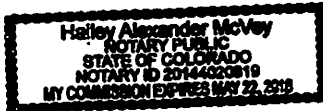
STATE OF COLORADO §
 §
COUNTY OF DENVER §

Personally appeared before me, the undersigned authority in and for the jurisdiction aforesaid, on this 20 day of MARCH, 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.


Notary Public

My Commission Expires: 5/22/19
(Notarial Seal)



ASSIGNEE:

CNX GAS COMPANY LLC
a Virginia limited liability company

By: 

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:

I, the undersigned, a notary public of the said county, do hereby certify that on this ^{27th} 6th 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)

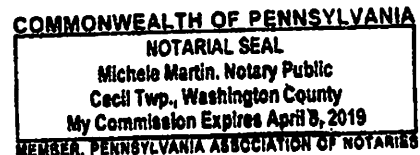


EXHIBIT A								
ARC to CRX Monongalia County, WV Leases								
COUNTY	DISTRICT	LESSOR	LESSEE	LEASE DATE	ACRES	BOOK	PAGE	TAX ID
Monongalia	Bethsle	Jodith Ann Thompson, a widow	Antero Resources Corporation	7/15/2016	120.37	1576	792	1-19-39, 1-19-40, 1-19-41, 1-19-42, 1-19-42.1 & 1-19-42.2
Monongalia	Bethsle	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	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	8.75	1589	154	p/o 1-29-10
Bethsle		Shuman, Inc.	Antero Resources Corporation	5/9/2017	127.3125	1589	173	1-19-21, 23, 24, 43, 43.1, 1-19-9/D 43
Monongalia	Bethsle	Noumnoni Corporation, Shuman, Inc. and G-Max Corporation	Antero Resources Corporation	5/9/2017	1.644	1589	185	1-9-9/D 9
Monongalia	Bethsle	Huskie Lumber Co., Inc.	Antero Resources Corporation	5/9/2017	28.5	1589	96	1-2-13
Monongalia	Bethsle	Fortune Development, LLC George E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1589	81	1-19-22 & 1-19-22.1
Monongalia	Bethsle	Fortune Development, LLC George E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1206	82	1-19-22 & 1-19-22.1
Monongalia	Bethsle	Rosemary Cline, Attorney-in-Fact, for Mary Jane Walls	Antero Resources Corporation	11/28/2016	62	1589	93	1-11-2
Monongalia	Bethsle	Kelth D. Watson and Sheila Watson, husband and wife	Antero Resources Corporation	12/20/2016	7.6	1585	722	1-19-13
Monongalia	Bethsle	Donna Madden, a widow	Chesapeake Appalachia, LLC	1/27/2010	157.75	1410	298	1-22-4
Monongalia	Bethsle	Harriet M. Briggs, a widow	Chesapeake Appalachia, LLC	1/25/2010	157.75	1410	301	1-22-4
Monongalia	Bethsle	Elaine L. Derrick, a widow	Chesapeake Appalachia, LLC	1/28/2010	157.75	1410	304	1-22-4
Monongalia	Bethsle	Ruth V. Lough, a widow	Chesapeake Appalachia, LLC	5/7/2010	157.75	1420	57	1-22-4
Monongalia	Bethsle	Rebecca Rye Russell, married dealing in her own right	Chesapeake Appalachia, LLC	5/18/2010	157.75	1420	771	1-22-4
Monongalia	Bethsle	Elizabeth Ann Swope, a widow	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	83	1-22-4
Monongalia	Bethsle	Shirley A. Warman, married dealing in her own right	Chesapeake Appalachia, LLC	10/22/2010	157.75	1423	600	1-22-4
Monongalia	Bethsle	William Merle Warman	Chesapeake Appalachia, LLC	10/27/2010	157.75	1423	604	1-22-4
Monongalia	Bethsle	Nancy A. Kelley, a widow	Chesapeake Appalachia, LLC	6/15/2010	157.75	1420	68	1-22-4
Monongalia	Bethsle	John R. Hall, Jr., a widower	Chesapeake Appalachia, LLC	6/1/2010	157.75	1420	72	1-22-4
Monongalia	Bethsle	Gwendolyn Hammann and Donald Hammann, her husband	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	76	1-22-4
Monongalia	Bethsle	Charles K. Penrod, Jr., married dealing in his own right	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	79	1-22-4
Monongalia	Bethsle	Fern H. Glessman and George R. Glessman, her husband	Chesapeake Appalachia, LLC	6/4/2010	157.75	1420	87	1-22-4
Monongalia	Bethsle	Charles E. Tilley and Ann K. Tilley, his wife	Chesapeake Appalachia, LLC	6/14/2010	157.75	1420	90	1-22-4
Monongalia	Bethsle	Joe Harless, a widower	Chesapeake Appalachia, LLC	11/12/2010	157.75	1426	504	1-22-4
Monongalia	Bethsle	Michael Harless (aka Richard Michael Harless), dealing in own rights	Chesapeake Appalachia, LLC	4/27/2012	157.75	1460	164	1-22-4
Monongalia	Bethsle	Patrick Lawrence Hearn, Married dealing in his own right	Chesapeake Appalachia, LLC	5/12/2012	157.75	1463	710	1-22-4
Monongalia	Bethsle	Sarah Stensel, dealing in her own right	Chesapeake Appalachia, LLC	5/25/2012	157.75	1462	717	1-22-4
Monongalia	Bethsle	Cathleen Cox Stensel, married dealing in her own right	Chesapeake Appalachia, LLC	5/25/2012	157.75	1462	721	1-22-4
Monongalia	Bethsle	Brian Walter Hearn, dealing in his own right	Chesapeake Appalachia, LLC	5/23/2012	157.75	1463	714	1-22-4
Monongalia	Bethsle	Clark Donley Stiles, a single man	Antero Resources Corporation	12/8/2016	68.84	1577	900	1-19-19 & 1-19-19.1
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	6.2	1589	178	1-14-P/D 10.2 & 1-14-18.1
Monongalia	Bethsle	Ralph Siz, individually	Antero Resources Corporation	5/9/2017	72.33	1589	102	1-9-11, 1-9-11.1, 1-9-11.2, 1-9-11.3, 1-9-11.4, 1-9-11.5, 1-9-11.6, & 1-9-11.7
Monongalia	Bethsle	Ralph Siz, individually	Antero Resources Corporation	5/9/2017	95.75	1589	105	1-9-39, 1-9-39.1, 1-9-39.2, 1-9-39.3, 1-9-39.4, 1-9-39.5 & 1-9-39.6
Monongalia	Bethsle	Dale Ann Kelly, a widow	Chesapeake Appalachia, LLC	9/19/2011	19.25	1509	362	1-19-32
Monongalia	Bethsle	Betty L. Boot and Jack Boot, Jr., her husband	Chesapeake Appalachia, LLC	9/23/2011	19.25	1509	368	1-19-32
Monongalia	Bethsle	Wilma J. Meddock and Dale R. Maddock, her husband	Chesapeake Appalachia, LLC	11/10/2011	19.25	1449	524	1-19-32
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	19	1589	130	1-13-9/D 33
Monongalia	Bethsle	Steven Hoofnagle, individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	704	1-20-3 & 1-20-3.1
Monongalia	Bethsle	David Hoofnagle, individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	707	1-20-3 & 1-20-3.1
Monongalia	Bethsle	Petricia Waltrup, individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	713	1-20-3 & 1-20-3.1
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	97.426	1589	148	1-7-34, 34.1, 34.2, 38, 39
Monongalia	Bethsle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	102.5	1589	66	1-12-4
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	51.5	1592	135	1-19-43.2, 44, 45, 1-14-9/D & 1-17-1, 1.1, 1-18-11
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	49	1589	197	1-13-9/D 29
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	128.75	1589	194	1-23-1.1
Monongalia	Bethsle	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, 16.1, 16.2, 16.3, 16.4
Monongalia	Bethsle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	52	1589	135	1-23-9/D 30

Monongalia	Bettelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	115.5	1589	200	1-27-9
Monongalia	Bettelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	40.45625	1589	151	1-24-P/O 4, P/O 5
Monongalia	Bettelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	84	1589	209	1-27-P/O 1
Monongalia	Bettelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	29	1589	162	1-27-P/O 1
Monongalia	Bettelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	24	1589	159	1-27-P/O 1
Monongalia	Bettelle	Noumenon Corporation, Shuman, Inc. and O-Mex Corporation	Antero Resources Corporation	5/9/2017	1.23	1589	181	1-2-P/O 1
Monongalia	Bettelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	60	1589	165	1-7-43, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6
Monongalia	Bettelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	21.833	1589	87	1-12-29.2 & 1-12-12
Monongalia	Bettelle	Ralph Six, Individually, and Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	12.019	1589	75	1-19-25 & 1-19-25.1
Monongalia	Bettelle	Ralph Six, Individually, and Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	7.95	1589	69	1-19-24, 26.1
Monongalia	Bettelle	Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	21.093	1589	99	1-23-16.1
Monongalia	Bettelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	74	1589	90	1-9-17
Monongalia	Bettelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	74.5	1589	108	1-12-28.2, 28.1, 28.2, 28.3 & 28.4
Monongalia	Bettelle	Amato, Herbert Keith and Lori Lewis Amato, h/w	Dominion Exploration & Production, Inc.	7/17/2008	96	1972	789	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	Bettelle	Stetler, Doris P., widow, by Susanne 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, 1-7-41.1, 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	Bettelle	Simpson, David C., a married man dealing with his own separate property	Dominion Exploration & Production, Inc.	7/17/2008	96	1372	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, 1-7-41.3, 1-7-41.4, 1-7-41.5, 1-7-41.6, 1-7-41.7
Monongalia	Bettelle	Simpson, Jr., Irs J., a married 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
Monongalia	Bettelle	Lemley, Norma Jean, 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	Bettelle	Wernette, Jenne	Dominion Exploration & Production, Inc.	7/17/2008	96	1972	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	Bettelle	Wise, Garland and John C. Wise, w/h	CNG Producing Company	1/23/1991	313	1024	940	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Tuttle, Gracie Mae, widow; Avis B. Parker, widow; Freda 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 1-14-28
Monongalia	Bettelle	Wolfe, Leone 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 Lisa D. White, h/w	CNG Producing Company	2/7/1991	313	1024	395	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	West, Eleanor, widow; Wanda P. Lemley, widow; Charles W. Hart and Gloria F. Hart, h/w; Nellie Raye Tennant and James W. Tennant, w/h; Jesse L. Park and Betty V. Park, h/w	CNG Producing Company	2/15/1991	313	1024	903	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Park, Ethel L., widow; Mary L. Hodga, married; James F. Tuttle and Jean Tuttle, h/w; Lucy Henderson and Rex 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 1-14-28
Monongalia	Bettelle	Park, Pet L. and Beverly Park, h/w; Agnes M. Ritz and James E. Ritz, w/h	CNG Producing Company	3/13/1991	313	1024	836	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Park, Virginia, widow	CNG Producing Company	3/22/1991	313	1024	403	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Park, Frances C., widow	CNG Producing Company	3/22/1991	313	1024	309	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Barizer, Arne, widow	CNG Producing Company	3/25/1991	313	1024	960	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	King, Charles and Rosslee King, h/w	CNG Producing Company	3/27/1991	313	1027	372	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Park, Dief and Edna Park, h/w	CNG Producing Company	3/29/1991	313	1027	417	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28
Monongalia	Bettelle	Owens, Helen J. and Roy R. Owens, w/h	CNG Producing Company	4/11/1991	313	1027	397	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-28

Monongalia	Bettelle	Henderson, Robert L, a married man dealing in his own property	CNG Producing Company	3/28/1991	313	1029	583	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Bettelle	Peterson, Sr., Charles W., In his own right; Charles W. Peterson, Sr., Guardian for Meble Pauline Peterson, 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 1-14-26
Monongalia	Bettelle	Bello, Helen S. and James R. Bello, w/h	CNG Producing Company	3/30/1991	313	1029	658	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Bettelle	Sproffs, Roberts and Clyde R. Sproffs, w/h	CNG Producing Company	4/19/1991	313	1027	407	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Bettelle	Koena, Christine L, widow; Rita Golembiewski, single; Patrick Golembiewski and Dana Golembiewski, h/w; Jerry Golembiewski, single; Vicki Mlczewski and August L. Mlczewski, w/h; Theresa Peterson and Carl Peterson, w/h; Phyllis Clarke, a married woman	CNG Producing Company	5/24/1991	313	1029	567	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0.8883, p/o 1-14-26
Monongalia	Bettelle	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, 1-7-34.1, 1-7-34.2, 1-7-35, p/o 1-7-35.1, p/o 1-7-37
Monongalia	Bettelle	Stevenson, B.M. and V.E. Stevenson, h/w	CNG Producing Company	11/4/1991	134	1041	542	1-7-34, 1-7-34.1, 1-7-34.2, 1-7-35, p/o 1-7-35.1, p/o 1-7-37
Monongalia	Bettelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	95	1583	133	1-7-40, 40.1, 40.2, 41, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8 & 41.10
Monongalia	Bettelle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	55.5	1589	60	1-9-20
Monongalia	Bettelle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	55	1589	63	1-4-6
Monongalia	Bettelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	36.612	1589	145	1-7-25, P/O 25.1, 25.2, 25.3, 25.5
Monongalia	Bettelle	Betty Lou Straight Widow	Chesapeake Appalachia Llc	7/14/2010	45	1418	775	1-19-35
Monongalia	Bettelle	Dwg Oil & Gas Acquisitions Llc By William H Gascon As Managing	Chesapeake Appalachia Llc	10/6/2011	45	1448	37	1-19-35
Monongalia	Bettelle	Mc Mineral Company Llc	Chesapeake Appalachia Llc	3/29/2013	87.952	1480	141	1-19-30
Monongalia	Bettelle	Rutan Debra (Rita Debra Bennington) Married	Chesapeake Appalachia Llc	10/29/2010	279.16	1425	56	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35
Monongalia	Bettelle	Wright Patricia A Single Woman	Chesapeake Appalachia Llc	11/1/2010	266.66	1436	571	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35
Monongalia	Bettelle	Keller Norma And John Keller Her Husband	Chesapeake Appalachia Llc	11/1/2010	279.16	1425	801	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35
Monongalia	Bettelle	Deizney Larry W	Chesapeake Appalachia Llc	12/20/2010	222.75	1428	263	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3
Monongalia	Bettelle	Straight Barbara J Single	Chesapeake Appalachia Llc	8/2/2011	279.16	1443	229	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35
Monongalia	Bettelle	Straight Brett R And Susan Straight His Wife	Chesapeake Appalachia Llc	7/28/2011	279.16	1443	234	1-21-1; p/o 1-20-12; 1-22-1; 1-22-2; p/o 1-22-3; 1-19-35
Monongalia	Bettelle	Kerr, Martha Sue, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	81.6	1577	297	1-9-36 & 1-12-5
Monongalia	Bettelle	Kerr, Larry, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	81.6	1577	294	1-9-36 & 1-12-5
Monongalia	Bettelle	Kerr, Martha Sue, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	93	1574	619	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4
Monongalia	Bettelle	Kerr, Larry, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	93	1574	628	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4
Monongalia	Bettelle	Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	248.25	1571	789	01-01-0006-0000-0000
Monongalia	Bettelle	Vandenbergh, Amy, a married woman dealing in her sole and separate property	Antero Resources Corporation	6/25/2016	248.25	1571	786	01-01-0006-0000-0000
Monongalia	Bettelle	Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	82.8	1571	795	1-10-3, 1-10-3.1
Monongalia	Bettelle	Vandenbergh, Amy, a married woman dealing in her sole and	Antero Resources Corporation	6/25/2016	82.8	1571	783	1-10-3, 1-10-3.1
Monongalia	Bettelle	Mary Jane Wells Rosemary Cline	Antero Resources Corporation	3/20/2017	62	1589	93	01-11-02

Schedule A
AFC to Old Monongalia County, WV/Leases

COUNTY	DISTRICT	LESSOR	LESSEE	LEASE DATE	ACRES	BOOK	PAGE	TAX ID
Monongalia	Bartlett	Judith 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	Bartlett	Armanda 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	Bartlett	Shuman, Inc.	Antero Resources Corporation	5/9/2017	8.75	1589	154	P/O 1-28-10
Monongalia	Bartlett	Shuman, Inc.	Antero Resources Corporation	5/9/2017	127.3125	1589	173	1-19-31, 29, 2A, 43, 43.1
Monongalia	Bartlett	Neoumen Corporation, Shuman, Inc. and O-Adex Corporation	Antero Resources Corporation	5/9/2017	1.644	1589	186	1-9-9/0 3
Monongalia	Bartlett	Huskie Lumber Co., Inc.	Antero Resources Corporation	5/9/2017	23.5	1589	96	1-2-13
Monongalia	Bartlett	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	Bartlett	Fortune Development, LLC George E. Roeder III, Manager	Antero Resources Corporation	12/20/2016	37.065	1206	82	1-13-22 & 1-13-22.1
Monongalia	Bartlett	Rosemary Cline, Attorney-in-Fact, for Mary Jane White	Antero Resources Corporation	11/28/2016	62	1589	93	1-11-2
Monongalia	Bartlett	Keith D. Watson and Sheila Watson, husband and wife	Antero Resources Corporation	12/20/2016	7.6	1585	722	1-19-13
Monongalia	Bartlett	Donna Madden, a widow	Chesapeake Appalachia, LLC	1/27/2010	157.75	1410	298	1-23-4
Monongalia	Bartlett	Herrick N. Briggs, a widow	Chesapeake Appalachia, LLC	1/25/2010	157.75	1410	301	1-23-4
Monongalia	Bartlett	Elaine L. Derrick, a widow	Chesapeake Appalachia, LLC	3/28/2010	157.75	1410	304	1-23-4
Monongalia	Bartlett	Ruth V. Louigh, a widow	Chesapeake Appalachia, LLC	3/27/2010	157.75	1420	57	1-23-4
Monongalia	Bartlett	Rebecca Raye Russell, married dealing in her own right	Chesapeake Appalachia, LLC	5/18/2010	157.75	1420	771	1-23-4
Monongalia	Bartlett	Elizabeth Ann Swapp, a widow	Chesapeake Appalachia, LLC	6/9/2010	157.75	1420	83	1-23-4
Monongalia	Bartlett	Shirley A. Werman, married dealing in her own right	Chesapeake Appalachia, LLC	10/22/2010	157.75	1423	600	1-23-4
Monongalia	Bartlett	William Marie Werman	Chesapeake Appalachia, LLC	10/27/2010	157.75	1423	604	1-23-4
Monongalia	Bartlett	Nancy A. Kelley, a widow	Chesapeake Appalachia, LLC	6/15/2010	157.75	1420	68	1-23-4
Monongalia	Bartlett	John R. Hall, Jr., a widower	Chesapeake Appalachia, LLC	6/17/2010	157.75	1420	72	1-23-4
Monongalia	Bartlett	Geowdylritterman and Donald Herrmann, her husband	Chesapeake Appalachia, LLC	6/9/2010	157.75	1420	76	1-23-4
Monongalia	Bartlett	Charles K. Perrott, Jr., married dealing in his own right	Chesapeake Appalachia, LLC	6/9/2010	157.75	1420	79	1-23-4

COR	ABC	Description Change
2	2	N
3	3	N
4	4	Y
6	6	N
11	11	Y
12	12	Y
14	14	N
14	14	N
16	16	N
19	19	N
23	23	N
24	23	N
25	23	N
26	23	N
27	23	N
28	23	N
29	23	N
30	23	N
N/A	23	N
N/A	23	N
N/A	23	N
N/A	23	N

Monongalia	Battle	Fern H. Gieseman and George R. Gieseman, her husband	Chesapeake Appalachia, LLC	6/4/2010	157.75	1420	87	1-22-4	N/A	23	N
Monongalia	Battle	Charles E. Tiley and Ann K. Tiley, his wife	Chesapeake Appalachia, LLC	6/3/2010	157.75	1420	90	1-22-4	N/A	23	N
Monongalia	Battle	Joe Harless, a widower	Chesapeake Appalachia, LLC	11/12/2010	157.75	1406	504	1-22-4	N/A	23	N
Monongalia	Battle	Michael Harless (aka Richard Michael Harless), dealing in own rights	Chesapeake Appalachia, LLC	4/27/2012	157.75	1460	164	1-22-4	N/A	23	N
Monongalia	Battle	Patrick Lawrence Hess, Married dealing in his own right	Chesapeake Appalachia, LLC	5/12/2012	157.75	1463	710	1-22-4	N/A	23	N
Monongalia	Battle	Sarah Stensel, dealing in her own right	Chesapeake Appalachia, LLC	5/25/2012	157.75	1462	717	1-22-4	N/A	23	N
Monongalia	Battle	Cathleen Dow Stensel, married dealing in her own right	Chesapeake Appalachia, LLC	5/25/2012	157.75	1462	721	1-22-4	N/A	23	N
Monongalia	Battle	Brian Walter Heern, dealing in his own right	Chesapeake Appalachia, LLC	5/23/2012	157.75	1463	714	1-22-4	N/A	23	N
Monongalia	Battle	Clark Donley Stiles, a single man	Antero Resources Corporation	12/6/2016	68.84	1577	300	1-13-19 & 1-13-19.1	N/A	51	Y
Monongalia	Battle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	6.2	1589	178	1-14-17/0 10.2 & 1-14-18.1	N/A	53	N
Monongalia	Battle	Ralph Six, individually	Antero Resources Corporation	5/9/2017	72.33	1589	102	1-9-11, 1-9-11.1, 1-9-11.2, 1-9-11.3, 1-9-11.4, 1-9-11.5, 1-9-11.6 & 1-9-11.7	N/A	59	Y
Monongalia	Battle	Ralph Six, individually	Antero Resources Corporation	5/9/2017	95.75	1589	105	1-9-39, 1-9-39.1, 1-9-39.2, 1-9-39.3, 1-9-39.4, 1-9-39.5 & 1-9-39.6	N/A	60	Y
Monongalia	Battle	Olde Ann Kelly, a widow	Chesapeake Appalachia, LLC	9/19/2011	19.25	1509	362	1-19-32	N/A	61	N
Monongalia	Battle	Betty L. Boot and Jack Boot, Jr., her husband	Chesapeake Appalachia, LLC	9/23/2011	19.25	1509	368	1-19-32	N/A	62	N
Monongalia	Battle	Wilma L. Meddock and Dale R. Meddock, her husband	Chesapeake Appalachia, LLC	11/10/2011	19.25	1449	524	1-19-32	N/A	63	N
Monongalia	Battle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	19	1589	130	1-13-17/0 35	N/A	65	N
Monongalia	Battle	Steven Hoofnagle, individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	704	1-20-3 & 1-20-3.1	N/A	90	N
Monongalia	Battle	David Hoofnagle, individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	707	1-20-3 & 1-20-3.1	N/A	90	N
Monongalia	Battle	Patricia Walkup, individually, and as heir of Margaret F. Hoofnagle	Antero Resources Corporation	2/6/2017	8.9	1585	713	1-20-3 & 1-20-3.1	N/A	90	N
Monongalia	Battle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	97.426	1589	148	1-7-34, 34.1, 34.2, 38, 39	71 & 32	45	N

Monongalia	Bethelle	Kimeric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	102.5	1589	66	1-12-4	69	75	N
Monongalia	Bethelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	51.5	1592	135	1-13-43,2, 44, 45, 1-14-P/O 8, 1-17-4, 1.1, 1-18-11	69	66	N
Monongalia	Bethelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	49	1589	197	1-13-P/O 29	69	65	N
Monongalia	Bethelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	128.75	1589	194	1-23-1.1	69	58	N
Monongalia	Bethelle	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, 16.1, 16.2, 16.3, 16.4	69	59	N
Monongalia	Bethelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	52	1589	136	1-23-P/O 30	69	60	N
Monongalia	Bethelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	115.5	1589	200	1-27-9	69	68	N
Monongalia	Bethelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	40,45625	1589	151	1-24-P/O 4, P/O 5	69	69	N
Monongalia	Bethelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	34	1589	203	1-27-P/O 1	88	71	N
Monongalia	Bethelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	29	1589	162	1-27-P/O 1	88	72	N
Monongalia	Bethelle	Stephen K. Shuman and Shuman, Inc.	Antero Resources Corporation	5/9/2017	24	1589	139	1-27-P/O 1	88	73	N
Monongalia	Bethelle	Neuemon Corporation, Shuman, Inc. and O-Hair Corporation	Antero Resources Corporation	5/9/2017	1.33	1589	181	1-2-P/O 1	89	61	N
Monongalia	Bethelle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	60	1589	165	1-7-43, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6	69	64	N
Monongalia	Bethelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	21,993	1589	87	1-12-25,2 & 1-12-12	70	78	N
Monongalia	Bethelle	Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	12,013	1589	75	1-19-25 & 1-19-25.1	97	80	Y
Monongalia	Bethelle	Ralph Six, Individually, and Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	7.95	1589	69	1-19-26, 26.1	70	81	N
Monongalia	Bethelle	Frederick Six and George D. Six, Co-Trustees of the Trust created under will of Betty J. Six	Antero Resources Corporation	5/9/2017	21,093	1589	99	1-23-16.1	70	79	N
Monongalia	Bethelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	74	1589	90	1-9-17	70	77	N
Monongalia	Bethelle	Ralph Six, Individually	Antero Resources Corporation	5/9/2017	74.5	1589	108	1-12-28.2, 28.1, 28.2, 28.3 & 28.4	94	47	N

Monongalia	Battelle	Arato, Herbert Keith and Lori Lewis Arato, IN/W	Domination Exploration & Production, Inc.	7/17/2008	96	1372	789	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	79	50	N
Monongalia	Battelle	Stater, Doris P., widow, by Susanne Marie Ash, her Conservator and Guardian	Domination 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, 1-7-41.1, 1-7-41.2, 1-7-41.3, 1-7-41.4, 1-7-41.5, 1-7-41.6, 1-7-41.7	79	50	N
Monongalia	Battelle	Simpson, David C, a married man dealing with his own separate property	Domination Exploration & Production, Inc.	7/17/2008	96	1372	784	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	79	50	N
Monongalia	Battelle	Simpson, Jr., (m), a married man dealing with his own separate property	Domination 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	79	50	N
Monongalia	Battelle	Lemley, Norma Jean, widow, by AIF Donald Prickett Lemley	Domination Exploration & Production, Inc.	7/17/2008	96	1372	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	79	50	N
Monongalia	Battelle	Wernette, Jeanne	Domination Exploration & Production, Inc.	7/17/2008	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	79	50	N
Monongalia	Battelle	Wise, Garland and John C. Wise, w/h	CNG Producing Company	1/23/1991	313	1024	340	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0,8883, p/o 1-14-26	80	51	N
Monongalia	Battelle	Tittle, Grace Mae, widow; Alys B. Parker, widow; Freda L. Phillips, widow; Gertrude P. Henderson, widow; Galdie Corder, widow, by Debbert 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	80	51	N
Monongalia	Battelle	Wolfe, Leona M. and Joseph H. Wolfe, w/h; Arina M. Bush and Robert Bush, w/h; Mary L. Kiger and Ronald E. Kiger, w/h; Steven E. White and Lisa D. White, IN/W	CNG Producing Company	2/7/1991	313	1024	305	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0,8883, p/o 1-14-26	80	51	N

Monongalia	Battle	West, Eleanor, widow; Wanda P. Lemley, widow; Charles W. Hart and Gloria F. Hart, h/w; Nellie Raye Tennant and James W. Tennant, w/h; Jesse L. Park and Betty V. Park, h/w	CNG Producing Company	2/15/1991	313	1024	303	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Park, Ethel I., widow; Mary L. Hodge, married; James F. Tuttle and Jean Tuttle, h/w; Lucy Henderson and Rex M. Henderson, w/h; Opal Kennedy, widow	CNG Development Company	2/19/1991	313	1024	334	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Frank, Pat L. and Beverly Park, h/w; Agnes M. Ritz and James E. Ritz, w/h	CNG Producing Company	3/13/1991	313	1024	836	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Park, Virginia, widow	CNG Producing Company	3/22/1991	313	1024	403	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Park, Frances C., widow	CNG Producing Company	3/22/1991	313	1024	309	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Barber, June, widow	CNG Producing Company	3/25/1991	313	1024	350	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	King, Charles and Rosalee King, h/w	CNG Producing Company	3/27/1991	313	1027	372	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Park, Orl and Edna Park, h/w	CNG Producing Company	3/29/1991	313	1027	417	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Owens, Helen I. and Roy R. Owens, w/h	CNG Producing Company	4/11/1991	313	1027	397	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Henderson, Robert L., a married man dealing in his own property	CNG Producing Company	3/28/1991	313	1029	563	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Patterson, Sr., Charles W., in his own right; Charles W. Patterson, Sr., Guardian for Madie Pauline Patterson, 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	80	51	N
Monongalia	Battle	Redo, Helen S. and James R. Redo, w/h	CNG Producing Company	3/30/1991	313	1029	658	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N
Monongalia	Battle	Sprays, Roberta and Clyde R. Sprays, w/h	CNG Producing Company	4/19/1991	313	1027	407	1-14-28, 1-14-29, 1-14-29.2, p/o 1-7-0-8883, p/o 1-14-25	80	51	N

Monongalia	Battle	Keene, Christine L., widow; Rita Gemenkewald, single; Patrick Gdemblewski, b/w; Jerry Gdemblewski, single; Vicki Milczewski and August J. Milczewski, w/it; Theresa Peterson and Carl Peterson, w/it; Phyllis Clark, a married woman	CNG Producing Company	5/24/1991	313	1009	567	1-14-28, 1-14-29, 1-14-29.2, p/O 1-7-08985, p/O 1-14-25	80	51	N
Monongalia	Battle	Shuman, Inc.; Howard Enterprises, Inc.; Chester A. Shuman, widower; Betty J. Herworth, widow	CNG Producing Company	6/12/1991	134	1041	552	1-7-34, 1-7-34.1, 1-7-34.2, 1-7-34, p/O 1-7-35.1, p/O 1-7-37	81	52	N
Monongalia	Battle	Stevenson, B.M. and V.E. Stevenson, N/W	CNG Producing Company	11/4/1991	134	1041	542	1-7-34, 1-7-34.1, 1-7-34.2, 1-7-34, p/O 1-7-35.1, p/O 1-7-37	81	52	N
Monongalia	Battle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	95	1599	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	82	52	Y
Monongalia	Battle	Kineric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	365	1599	60	1-9-20	69	74	N
Monongalia	Battle	Kineric and Company, LLC, a West Virginia limited liability company	Antero Resources Corporation	5/9/2017	55	1599	63	1-4-6	83	53	N
Monongalia	Battle	Shuman, Inc.	Antero Resources Corporation	5/9/2017	36,612	1599	145	1-7-25, P/O 25.1, 25.2, 25.3, 25.5	86	56	N
Monongalia	Battle	Betty Lou Straight Widow	Chesapeake Appalachia, Llc	7/14/2010	45	1418	775	1-19-35	N/A	A-1	N
Monongalia	Battle	Dwg Oil & Gas Acquisitions Llc By William H Gaston As Managing Mc Mineral Company Llc	Chesapeake Appalachia Llc	10/6/2011	45	1448	37	1-19-35	N/A	A-1	N
Monongalia	Battle	Ruban Debra (Fra Debra Beonhagon) Married	Chesapeake Appalachia Llc	10/29/2010	279,16	1425	56	1-21-11; p/O 1-20-12; 1-22-11; 22-2; p/O 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battle	Wright Patricia A Single Woman	Chesapeake Appalachia Llc	11/1/2010	266,66	1436	571	1-21-11; p/O 1-20-12; 1-22-11; 22-2; p/O 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battle	Keller Norma Ann John Keller Her Husband	Chesapeake Appalachia Llc	11/1/2010	279,16	1425	801	1-21-11; p/O 1-20-12; 1-22-11; 22-2; p/O 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battle	Delaney Larry W	Chesapeake Appalachia Llc	12/20/2010	222,75	1428	269	1-21-11; p/O 1-20-12; 1-22-11; 22-2; p/O 1-22-3	N/A	A-3	N
Monongalia	Battle	Straight Barbara J Single	Chesapeake Appalachia Llc	8/2/2011	279,16	1443	229	1-21-11; p/O 1-20-12; 1-22-11; 22-2; p/O 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battle	Straight Brett R And Susan Straight His Wife	Chesapeake Appalachia Llc	7/28/2011	279,16	1443	234	1-21-11; p/O 1-20-12; 1-22-11; 22-2; p/O 1-22-3; 1-19-35	N/A	A-3	N
Monongalia	Battle	Kerr, Martha Sue, individually as heir of Lure Cowls Kerr, deceased	Antero Resources Corporation	8/25/2016	81,5	1577	297	1-9-36 & 1-12-5	N/A	A-4	N

Monongalia	Battle	Kerr, Larry, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	81.6	1577	294	1-9-36 8, 1-12-5	N/A	A-4	N
Monongalia	Battle	Kerr, Martha Sue, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	93	1574	619	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4	N/A	A-5	N
Monongalia	Battle	Kerr, Larry, individually as heir of June Clovis Kerr, deceased	Antero Resources Corporation	8/25/2016	93	1574	628	1-19-10, 1-19-10.1, 1-19-10.2, 1-19-10.3, 1-19-10.4	N/A	A-5	N
Monongalia	Battle	Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	248.25	1571	789	01-01-0006-0000-0000	N/A	A-6	N
Monongalia	Battle	Vandenberghs, Amy, a married woman dealing in her sole and separate property	Antero Resources Corporation	6/25/2016	248.25	1571	786	01-01-0006-0000-0000	N/A	A-6	N
Monongalia	Battle	Cox, Frank G., Jr.	Antero Resources Corporation	6/25/2016	82.8	1571	795	1-10-3, 1-10-3.1	N/A	A-7	N
Monongalia	Battle	Vandenberghs, Amy, a married woman dealing in her sole and separate property	Antero Resources Corporation	6/25/2016	82.8	1571	789	1-10-3, 1-10-3.1	N/A	A-7	N
Monongalia	Battle	Mary Jane Walls Rosemary Cline	Antero Resources Corporation	3/20/2017	62	1589	93	01-11-02	N/A	A-11	N

1614-718

**MEMORANDUM OF LEASE
(West Virginia)
243015000 10179**

THIS MEMORANDUM OF LEASE (this "**Memorandum**") is made and entered into as of the 2nd 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 Arheart, Lynda Arheart 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, 2018Effective Date of Lease: February, 13th 2018**4. DESCRIPTION OF SUBJECT PREMISES:**

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or non-hydrocarbon 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, 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. **Primary Term.** 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:**

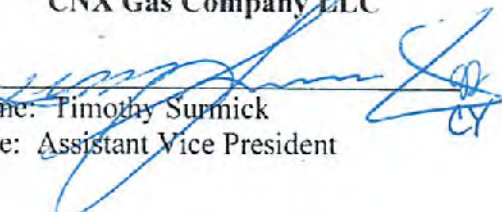
This Memorandum may be executed in any number of counterparts, each having the same validity and all of which shall constitute but one and the same instrument.

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:
Mt Tabor United Methodist Church

LESSEE:
CNX Gas Company LLC

By: 
Name: Timothy Surrick
Title: Assistant Vice President

By: Roy L. Hall, Trustee

By: Victoria Hall, Trustee



By: John L. Miller, Trustee



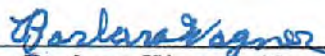
By: Karen Miller, Trustee



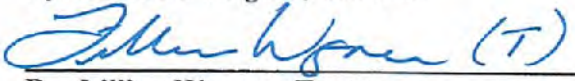
By: Sonya Miller, Trustee



By: Adam Miller, Trustee



By: Barbara Wagner, Trustee



By: Lillian Wagner, Trustee



By: Beto Gorostieta, Trustee

By: Beto Gorostieta, Trustee



By: Bill Areheart, Trustee



By: Lynda Areheart, Trustee



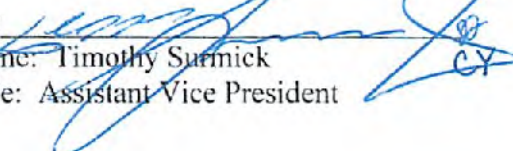
Leonard Hall, Trustee

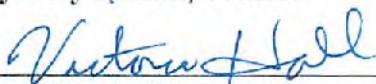
IN WITNESS WHEREOF, Lessor and Lessee, intending to be legally bound, have executed this Memorandum effective as of the Effective Date (whether executed by either Party on, before or after the Effective Date).

LESSOR:
Mt Tabor United Methodist Church

LESSEE:
CNX Gas Company LLC


By: Roy L. Hall, Trustee

By: 
Name: Timothy Surmick
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

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 acknowledged 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.

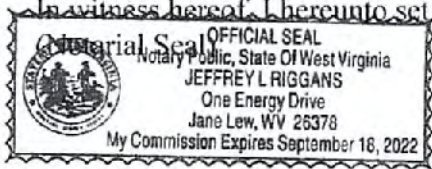
In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

NOTARY PUBLIC
My commission expires _____

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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, I hereunto set my hand and official seal.

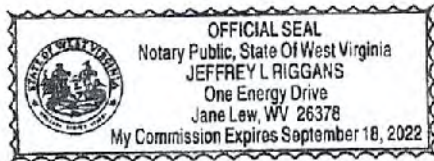


NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd day of FEB, 2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**, whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)



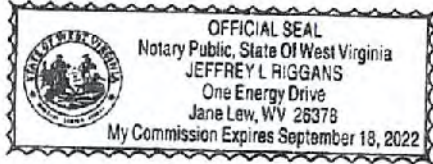
NOTARY PUBLIC
My commission expires 9-18-22

VOL 01614 PG 0724

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

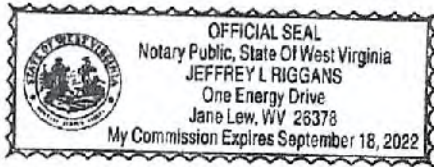


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

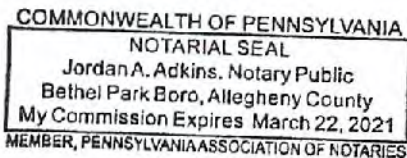


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of Pennsylvania
COUNTY OF Allegheny

The foregoing instrument was acknowledged before me on the 6th day of February, 2018 by **Mt. Tabor Methodist Church by its Trustees; Bill Areheart and Lynda Areheart** whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

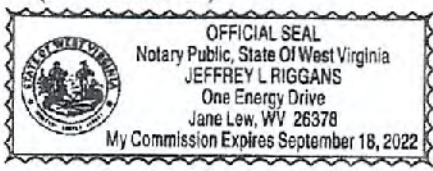


[Signature]
NOTARY PUBLIC
My commission expires 3-22-2021

STATE/Commonwealth of WVA
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 2nd 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)

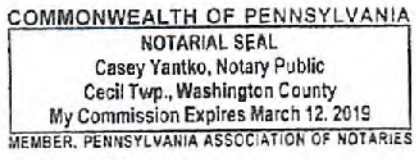


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 19th day of February, 2018 by **Timothy Surnick**, 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)



[Signature: Casey Yantko]
NOTARY PUBLIC
My commission expires 3-12-2019

ACKNOWLEDGMENTS

STATE/Commonwealth of FLORIDA
COUNTY OF HIGHLANDS

The foregoing instrument was acknowledged before me on the 10 day of Feb, 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 hand and official seal.

(Notarial Seal)



MICHAEL ERIC CAVE
MY COMMISSION # GG 043152
EXPIRES: November 5, 2020
Bonded Thru Budget Notary Services

[Signature]

NOTARY PUBLIC

My commission expires 5 Nov 2020

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ___ day of _____, 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, I hereunto set my hand and official seal.

(Notarial Seal)

NOTARY PUBLIC
My commission expires _____

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ___ day of _____, 2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**, whose name(s) is/are signed hereto.

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

(Notarial Seal)

NOTARY PUBLIC
My commission expires _____

ASSIGNMENT OF OIL AND GAS LEASES

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

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:

1. **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. **Liabilities.** 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. **Headings.** 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. **Counterparts.** 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. **Severability.** 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.

ASSIGNOR:

EQT PRODUCTION COMPANY

By: Erin R. Centofanti
 Erin R. Centofanti
 Senior Vice President – Asset Development
DW

ASSIGNEE:

CNX GAS COMPANY LLC

By: _____
 Timothy Surmick
 Assistant Vice President

COMMONWEALTH OF PENNSYLVANIA)
) SS:
 COUNTY OF ALLEGHENY)

On this the 23RD day of MARCH, 2018, before me, the undersigned authority, personally appeared Erin R. Centofanti, who acknowledged herself to be the Senior Vice President – Asset Development of EQT Production Company, and that she, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing in the name of the corporation by herself as Senior Vice President – Asset Development.

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

MY COMMISSION EXPIRES:

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Shawn E. Columbus, Notary Public
 City of Pittsburgh, Allegheny County
 My Commission Expires April 8, 2018
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Shawn E. Columbus
 Notary Public

COMMONWEALTH OF PENNSYLVANIA)
) SS:
 COUNTY OF WASHINGTON)

On this the _____ day of _____, 20____, before me, the undersigned authority, personally appeared Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, and that he, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing in the name of the limited liability company by himself as Assistant Vice President.

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

MY COMMISSION EXPIRES:

 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: _____
Erin R. Centofanti
Senior Vice President – Asset Development

By: _____
Timothy Surmick
Assistant Vice President *ATA*

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF ALLEGHENY)

On this the _____ day of _____, 20____, before me, the undersigned authority, personally appeared Erin R. Centofanti, who acknowledged herself to be the Senior Vice President – Asset Development of EQT Production Company, and that she, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing in the name of the corporation by herself as Senior Vice President – Asset Development.

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

MY COMMISSION EXPIRES:

Notary Public

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF WASHINGTON)

On this the 26th day of March, 2018, before me, the undersigned authority, personally appeared Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, and that he, as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing in the name of the limited liability company by himself as Assistant Vice President.

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

MY COMMISSION EXPIRES: 03/11/2019

Sara M. Micoli

Notary Public

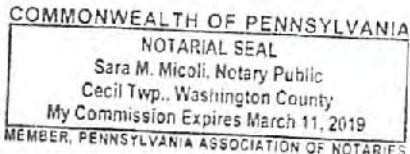


EXHIBIT A

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

EQT ID Number	Lessor	Lessee	Lease Date	Recorder	Tax Map ID Number	Municipality	Gross Lease Acreage	Gross Assigned Acreage
1027272.01	Sherry C. McCoy, a married woman dealing in her sole and separate property	EQT Production Company	11/6/2017	1615/278	01-2-16 01-2-16.1 01-2-16.2 01-2-17 01-2-17.1 p/o 01-9-16	Battelle District Monongalia County West Virginia	137.89	137.89
1027272.02	Brenda A. Murphy, a married woman dealing in her sole and separate property	EQT Production Company	11/14/2017	1615/281	01-2-16 01-2-16.1 01-2-16.2 01-2-17 01-2-17.1 p/o 01-9-16	Battelle District Monongalia County West Virginia	137.89	137.89
1027272.03	Carl L. Anderson, a married man dealing in his sole and separate property	EQT Production Company	11/16/2017	1615/283	01-2-16 01-2-16.1 01-2-16.2 01-2-17 01-2-17.1 p/o 01-9-16	Battelle District Monongalia County West Virginia	137.89	137.89
1027272.05	Vickie L. Simmons, a single woman	EQT Production Company	12/6/2017	1615/276	01-2-16 01-2-16.1 01-2-16.2 01-2-17 01-2-17.1 p/o 01-9-16	Battelle District Monongalia County West Virginia	137.89	137.89

1027273.04	David C. Anderson, a single man	EQT Production Company	12/27/2017	1615/285	01-2-16 01-2-16.1 01-2-16.2 01-2-17 01-2-17.1 p/o 01-9-16	Battelle District Monongalia County West Virginia	137.89	137.89
1027273.01	Sherry C. McCoy, a married woman dealing in her sole and separate property	EQT Production Company	11/6/2017	1614/847	01-2-14	Battelle District Monongalia County West Virginia	101.25	101.25
1027273.02	Brenda A. Murphy, a married woman dealing in her sole and separate property	EQT Production Company	11/14/2017	1614/845	01-2-14	Battelle District Monongalia County West Virginia	101.25	101.25
1027273.03	Carl L. Anderson, a married man dealing in his sole and separate property	EQT Production Company	11/16/2017	1616/275	01-2-14	Battelle District Monongalia County West Virginia	101.25	101.25
1027273.05	Vickie L. Simmons, a single woman	EQT Production Company	12/6/2017	1614/843	01-2-14	Battelle District Monongalia County West Virginia	101.25	101.25
1027273.04	David C. Anderson, a single man	EQT Production Company	12/27/2017	1615/1	01-2-14	Battelle District Monongalia County West Virginia	101.25	101.25

END OF EXHIBIT A

**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.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 4-4-18 **Date Permit Application Filed:** 4-5-18

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: See attached
Address: _____

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Monongalia
District: Battelle
Quadrangle: Wadestown
Watershed: Dunkard Creek

UTM NAD 83 Easting: 1732970.914
Northing: 440565.830
Public Road Access: CR6 Wise Run
Generally used farm name: Wise

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Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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.

Notice is hereby given by:

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

Authorized Representative: Raymond Hoon
Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
Telephone: 724-485-3540
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.

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



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Environmental Protection

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

Evalée 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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09/28/2018

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

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

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

CERTIFIED MAIL RETURN RECEIPT REQUESTED HAND DELIVERY

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: See attached Name: _____
Address: _____ 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: West Virginia UTM NAD 83 Easting: 1732970.914
County: Monongalia Northing: 440565.830
District: Battelle Public Road Access: CR6 Wise Run
Quadrangle: Wadestown Generally used farm name: Wise
Watershed: Dunkard Creek

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 57th 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
Telephone: 724-485-3540
Email: RaymondHoon@CNX.com

Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
Facsimile: _____

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Office of Oil and Gas
APR 6 2018

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.

WV Department of Environmental Protection

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



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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

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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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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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Jim Justice
 Governor

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,

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,

Gary K. Clayton
 Regional Maintenance Engineer
 Central Office Oil & Gas Coordinator

Cc: Ray Hoon
 CNX Gas Company LLC
 CH, OM, D-4
 File

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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

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EROSION & SEDIMENT CONTROL PLAN AND SITE RESTORATION PLAN

WDTN5 WELL SITE MONONGALIA COUNTY, WEST VIRGINIA

FOR



DISTURBANCE BREAKDOWN		
LANDOWNER	DISTURBANCE FROM ACCESS ROAD & STOCKPILES (ACRES)	DISTURBANCE FROM WELL PAD & STOCKPILES (ACRES)
BARBARA WAGNER TAXMAP 1-63.1 DBRG 1300584	7.5	6.7
BRANDON T. WISE ET AL TUPAR 1-62 DBRG 1321537	18.9	11.6



REFERENCES: UNITED STATES GEOLOGICAL SURVEY - WADESTOWN QUADRANGLE, WV, 7.5 MINUTE SERIES



PROJECT NO. 17016-023

DECEMBER 2017

DIEFFENBAUCH & HRITZ, LLC



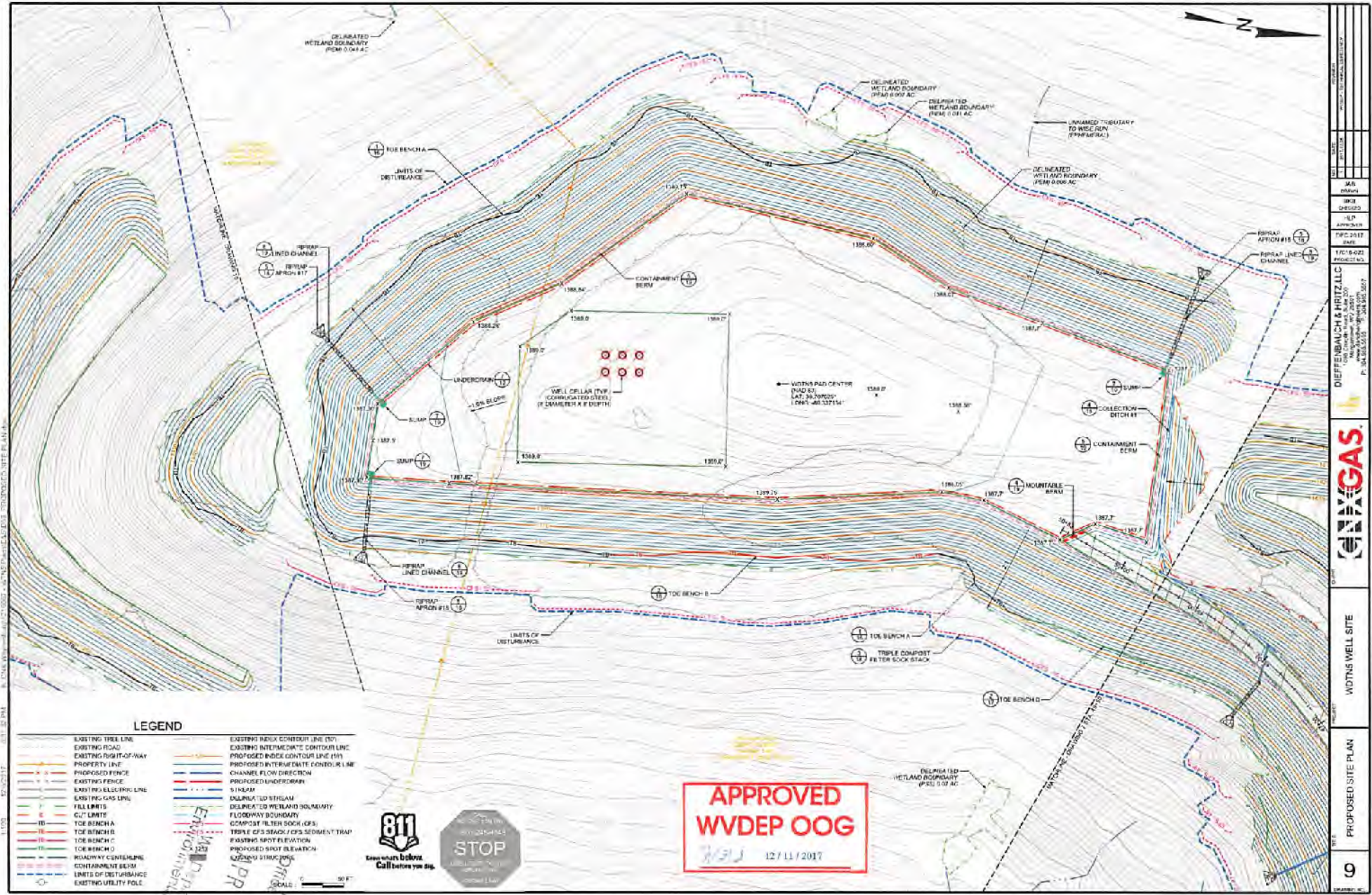
INDEX	
DRAWING NO.	TITLE
1	TITLE SHEET
2	GENERAL NOTES
3	EXISTING SITE PLAN
4	SOIL PLAN
5	OVERALL SITE PLAN
6-10	PROPOSED SITE PLAN
11	ACCESS ROAD PROFILE
12-14	ACCESS ROAD CROSS SECTIONS
15	WELL PAD CROSS SECTION
16-17	TOE BENCH DETAILS
18-19	PLAN DETAILS
20	SWR RESTORATION PLAN
21	SEED & MULCH PLAN
22	QUANTITY SUMMARY

K:\2018\17016-023\17016-023.dwg - TITLE SHEET.dwg



RECEIVED
 Office of Oil and Gas
 APR 6 2018
 WV Department of Environmental Protection

DATE	DESCRIPTION
JOB NO.	17016-023
BY	
CHECKED	
HELP	
APPROVED	
DWG NO.	17016-023
DATE	12/11/2017
PROJECT NO.	17016-023
PROJECT NAME	WDTN5 WELL SITE
CLIENT	CNX GAS
DESIGNER	DIEFFENBAUCH & HRITZ, LLC
REGISTERED PROFESSIONAL ENGINEER	ROBERT L. PARSONS, No. 15279
STATE	WEST VIRGINIA
DATE	12-6-2017
TITLE	TITLE SHEET
SHEET NO.	1



LEGEND

- | | | | |
|--|---------------------------|--|---|
| | EXISTING TREE LINE | | EXISTING INDEX CONTOUR LINE (FT) |
| | EXISTING ROAD | | EXISTING INTERMEDIATE CONTOUR LINE (FT) |
| | EXISTING RIGHT-OF-WAY | | PROPOSED INDEX CONTOUR LINE (FT) |
| | PROPERTY LINE | | PROPOSED INTERMEDIATE CONTOUR LINE (FT) |
| | PROPOSED FENCE | | CHANNEL FLOW DIRECTION |
| | EXISTING FENCE | | PROPOSED UNDERDRAIN |
| | EXISTING WELL CASING LINE | | SUMP |
| | EXISTING GAS LINE | | DELINEATED STREAM |
| | FILL LIMITS | | DELINEATED WETLAND BOUNDARY |
| | CUT LIMITS | | FLOODWAY BOUNDARY |
| | TOE BENCH A | | COMPOSITE FILTER SOCK (CFS) |
| | TOE BENCH B | | TRIPLE CFS STACK |
| | TOE BENCH C | | EXISTING SPOT ELEVATION |
| | TOE BENCH D | | PROPOSED SPOT ELEVATION |
| | ROADWAY CENTERLINE | | EXISTING STRUCTURE |
| | CONTAINMENT BERM | | SCALE |
| | LIMITS OF DISTURBANCE | | N |
| | EXISTING UTILITY POLE | | |

APPROVED
WVDEP OOG
 12/11/2017



RECEIVED
 Environmental Protection
 6 2018

DATE	BY	REVISION	DESCRIPTION
12/11/2017	JAB	0001	ISSUE FOR PERMITTING
12/11/2017	JAB	0002	REVISED PERMITTING
12/11/2017	JAB	0003	REVISED PERMITTING
12/11/2017	JAB	0004	REVISED PERMITTING
12/11/2017	JAB	0005	REVISED PERMITTING
DIFFENBAUGH & HIRTZ, LLC 1000 Centre Street, Suite 200 Charleston, West Virginia 25302 P: 304.263.5535 F: 304.263.5537			
WOTMS WELL SITE			
PROPOSED SITE PLAN			

4706101805 09/28/2018



CKH 2140015305
Amit \$ 5150
Date 3/14/18

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"

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

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 inter-lateral 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,

A handwritten signature in blue ink that reads "Raymond Hoon".

Raymond Hoon
Permitting Supervisor

09/28/2018



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,

A handwritten signature in blue ink that reads "Shannon Miller".

Shannon Miller
Permitting Agent

09/28/2018



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

Horizontal 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,

A handwritten signature in cursive script that reads 'S. Miller'.

FOR: Erika Whetstone
Permitting Manager

Unleased Owners
Unit 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		
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		
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

09/28/2018



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"

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Office of Oil and Gas
APR 16 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.

1. *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.
2. *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.
3. *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)*
 - iii. *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.

09/28/2018

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,

A handwritten signature in black ink, appearing to read 'Raymond Hoon', written in a cursive style.

Raymond Hoon
Permitting Supervisor

OPERATOR: CNX Gas Company LLC

PAD NAME: WDTN5 WELL: WDTN5AHSU

PAD BUILT: YES NO DATE REVIEWED: 4-4-18 INT. ROA

REVIEWED BY (APPLICANT): Raymond Hoon

CONTACT PHONE: 724-485-3540 EMAIL: RaymondHoon@cnx.com

APPLICANT SIGNATURE: *Raymond Hoon*

CHK# 2140015305 \$5750.00

CHECKLIST FOR FILING A PERMIT HORIZONTAL 6A WELL

Please include these required elements in the Horizontal Well 6A applications, in order listed below. Do not use staples.

First Well	Subsequent Well
\$10,150.00 <input type="checkbox"/>	\$5,150.00 <input checked="" type="checkbox"/>

Fees

Checklist / Cover letter
x DEEP WELL / FORCED POOLING ITEMS

WW-6B Notice of Application

Field Approved

Cement Additives

Well Bore Schematic

WW-9 Fluids/Cuttings Disposal and Reclamation Plan

Field Approved

Site Safety Plan *ONCD*

Field Approved

Water Management Plan

DWWM Approval

Topographic Map w/water purveyors, showing access road

Mylar Plat (Signed and sealed) (Surface Owner matches WW-6A)

WW-6A1 Lease Information

Road Crossing Letter

WW-PN Application Notice by Publication

Public Notice (dated copy of advertisement or affidavit of publication)

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

4706101805

- WW-6AC Notice Certifications, notarized
- WW-6A Notice of Application notarized w/ any attachments
- Topographic Map with labeled surrounding water wells
- Certified Mail receipts for WW-6A
- N/A WW-6A3 Notice of Entry for Plat Survey
- N/A Certified Mail receipts for WW-6A3
- WW-6A4 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
- NA 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 feet 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 → DN CD SITE Previously APPROVED
- Inspector packet mailed to inspector (Plat, Topographic Map, WW-6B, WW-9, All Plans)
- Bond (\$250,000)
- Operator is registered with the SOS

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Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

X Workers Compensation / Unemployment Insurance account is OK

X Professional Engineer/Company has COA

X Check for Mine Data at proposed coordinates

X Check for Floodplain Data at proposed coordinates

N/A IMP-1A Associated Pit or Impoundment

N/A WW-6A7 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

LIMITED WARRANTY HYDROCARBON DEED

This LIMITED WARRANTY DEED (this "*Deed*") is from XTO ENERGY INC., a Delaware corporation, whose address is 810 Houston Street, Fort Worth, TX 76102 ("*Grantor*") to CNX GAS COMPANY LLC, a Virginia limited liability company, whose address is 1000 CONSOL Energy Drive, Canonsburg, PA 15317 ("*Grantee*"), and is made the 20th day of April, 2018 (the "*Effective Time*").

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 Section 3.3 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]

09/28/2018

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.

Edwin S. Ryan, Jr.

Its: Senior Vice President

GRANTEE:

CNX GAS COMPANY LLC

By: Timothy Surmick

Timothy Surmick

Its: Assistant Vice President

ACKNOWLEDGMENTS

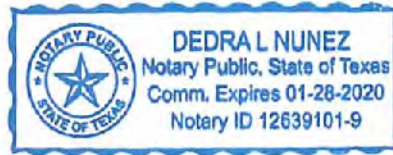
STATE OF TEXAS,
COUNTY OF TARRANT, TO-WIT:

20th day of April, 2018, I, the undersigned, a notary public of the said county, do hereby certify that on this day 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.

Dedra L Nunez
Notary Public

My commission expires: 1/28/20.
(Notarial Seal)



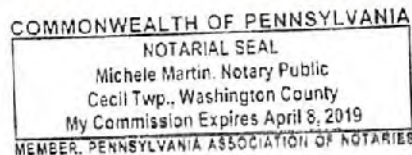
COMMONWEALTH OF PENNSYLVANIA,
COUNTY OF WASHINGTON, TO-WIT:

25th day of April, 2018, I, the undersigned, a notary public of the said county, do hereby certify that on this day 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.

Michele Martin
Notary Public

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



“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

7014 1820 0001 7038 0761

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Domestic Mail Only

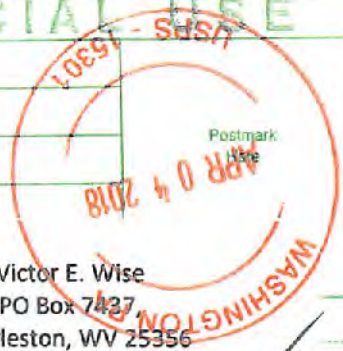
For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Victor E. Wise
PO Box 7427
Charleston, WV 25356
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions



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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Frederick C. Wise
1 West Hills Drive,
Fairmont, WV 26554
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions



7014 1820 0001 7038 0969

U.S. Postal Service™
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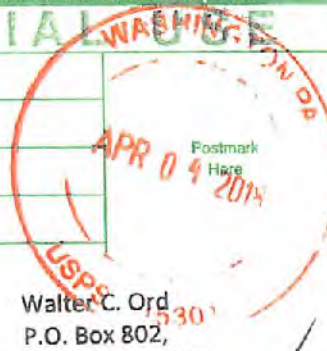
For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Walter C. Ord
P.O. Box 802,
McDowell, KY 41647
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions



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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Evalee A. Everly
1325 Citrus Gardens Dr, Apt A,
Orlando, FL 32807
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions



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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Dexter Murie Stewart
1283 Crossroads Road,
Fairview, WV 26570
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions



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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Zelma Ruth Brummage
3036 Main St,
Farmington, WV 26571
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions



APR 6 2018 30f6

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

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USPS - 15301

Sent To
 James Freeman Stewart
 1206 Marion Ave.
 Fairmont, WV 26554
 WDTN5-Surface/Coal

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here
APR 04 2018

USPS - 15301

Sent To
 Justin P. Stewart
 132 Radiant Drive,
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0945

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here
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USPS - 15301

Sent To
 Annette Stewart
 41 Mimosa Dr.,
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0730

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here
APR 04 2018

USPS - 15301

Sent To
 Dawn Hughes
 1134 Brooke Rd.,
 Stafford, VA 22405
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here
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USPS - 15301

Sent To
 Bryan Kevin Goff
 9325 Beaverdam Rd.,
 Nanjemoy, MD 20662
 WDTN5-Surface/Coal

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

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Sent To
 Brandon Sweeney
 18501 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

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4076

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018 USPS - 15301**

Sent To: Brianna Skyler Sweeney
 18502 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0822

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018 USPS - 15301**

Sent To: Wally Currence
 16200 Bealle Hill Road,
 Waldorf, MD 20601
 WDTN5-Surface/Coal

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018 USPS - 15301**

Sent To: Maureen Currence
 203 Silver Maple Ct.,
 Holly Ridge, NC 28445
 WDTN5-Surface/Coal

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Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

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Sent To: Michelle Currence
 1 Carroll Drive
 Stafford, VA 22554
 WDTN5-Surface/Coal

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018 USPS - 15301**

Sent To: Robert Stewart
 Lot 1, Route 21 MHP,
 Carmichaels, PA 15320
 WDTN5-Surface/Coal

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018 USPS - 15301**

Sent To: Phyllis Petrosky
 110 Chess St., Apt 401,
 New Eagle, PA 15067
 WDTN5-Surface/Coal
 Office of Oil and Gas

PS Form 3800, July 2014 See Reverse for Instructions

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5096

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
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USPS 15301

Sent To
Jesse D. Jones
 308 1/2 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0662

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
APR 04 2018

USPS 15301

Sent To
Harold M. Jones
 317 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

09/28/2018

7014 1820 0001 7038 0624

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
APR 04 2018

USPS 15301

Sent To
CNX Gas Company, LLC
 1000 Consol Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0693

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
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Sent To
Jane Irons
 P.O. Box 681
 Tellico Plains, TN 37385
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0655

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
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USPS 15301

Sent To
Melissa Bookout
 311 West Walnut St.,
 Madisonville, TN 37354
 WDTN5-Surface/Coal

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
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USPS 15301

Sent To
Barbara J. Wagner
 573 Wise Run Road
 Wana, WV 26590
 WDTN5-Surface/Coal

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leaf 6

09/28/2018

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Sent To: **John Matthew Wise and Dina Wise**
 2255 East 6500 South,
 Price, UT 84501
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0907

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Sent To: **Opal Wise**
 2002 West 600 North Hilltop Road,
 Price, UT 84501
 WDTN5-Surface/Coal

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Sent To: **Richard Nunley**
 261 Festival Drive,
 Oceanside, CA 92057
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0792

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Sent To: **Patricia Mumaw**
 3344 Northridge Drive,
 Wooster, OH 44691
 WDTN5-Surface/Coal

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 APR 6 2018
 WV Department of Environmental Protection

PS Form 3800, July 2014 See Reverse for Instructions

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Sent To: **Donald Nunley**
 36 Autumn Drive,
 Core, WV 26541
 WDTN5-Surface/Coal

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Sent To: **Mary Nunley Stepletton**
 7739 South Hampton Terrace, Unit G204,
 Tamarac, FL 33321
 WDTN5-Surface/Coal

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total		

Postmark Here
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Sent To
 Thomas McCauley
 220 Kennedy Street, Apt 5,
 Louisville, OH 44641
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0884

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total P		

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WASHINGTON PA
APR 04 2018
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Sent To
 Richard McCauley
 2589 Timothy Ave.,
 Louisville, OH 44641
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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Certified Fee		
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Restricted Delivery Fee (Endorsement Required)		
Total Post		

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WASHINGTON PA
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Sent To
 Judy Eckman
 630 Coniston Drive,
 Leland, NC 28451-9754
 WDTN5-Surface/Coal

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Po		

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Sent To
 Clifford J. Wise
 2394 County Road 137,
 Obrien, FL 32071
 WDTN5-Surface/Coal

RECEIVED
 Office of Oil and Gas
APR 06 2018

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Restricted Delivery Fee (Endorsement Required)		
Total Postage		

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Sent To
 Regina W. Myers
 1200 Carroll Heights Blvd.,
 Hagerstown, MD 21742
 WDTN5-Surface/Coal

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Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage		

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WASHINGTON PA
APR 04 2018
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Sent To
 Eleanor Wise
 126 Fairview Ave.,
 Waynesburg, PA 15370
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

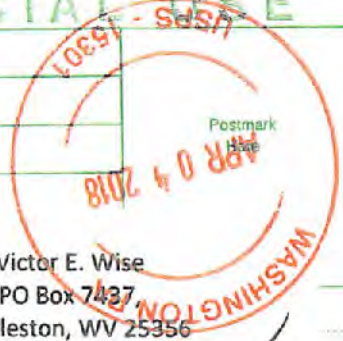
7014 1820 0001 7038 0761

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		



Total Postage

Sent To
Victor E. Wise
PO Box 7437
Charleston, WV 25356
WDTN5-Surface/Coal

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		



Total Postage

Sent To
Frederick C. Wise
1 West Hills Drive,
Fairmont, WV 26554
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

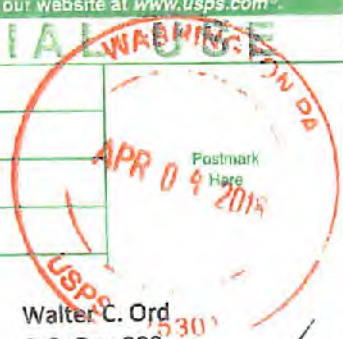
7014 1820 0001 7038 0969

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		



Total Postage

Sent To
Walter C. Ord
P.O. Box 802,
McDowell, KY 41647
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

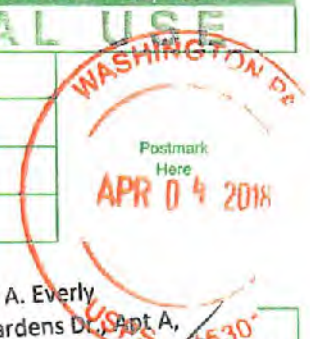
7014 1820 0001 7038 0754

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		



Total Postage

Sent To
Evalee A. Everly
1325 Citrus Gardens Dr., Apt A,
Orlando, FL 32807
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

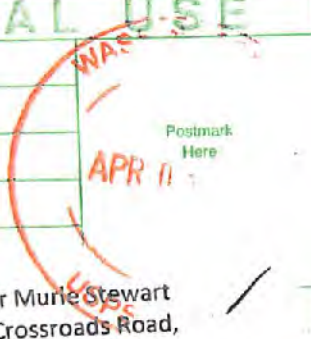
7014 1820 0001 7038 0853

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		



Total Postage

Sent To
Dexter Murie Stewart
1283 Crossroads Road,
Fairview, WV 26570
WDTN5-Surface/Coal

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		



Total Postage

Sent To
Zelma Ruth Brumpage
3036 Main St.
Farmington, WV 26571
WDTN5-Surface/Coal

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30f6

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

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USPS 15301 WASHINGTON PA

Sent To
 James Freeman Stewart
 1206 Marion Ave.
 Fairmont, WV 26554
 WDTN5-Surface/Coal

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USPS 15301 WASHINGTON PA

Sent To
 Justin P. Stewart
 132 Radiant Drive,
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0945

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USPS 15301 WASHINGTON PA

Sent To
 Annette Stewart
 41 Mimosa Dr.,
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0730

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USPS 15301 WASHINGTON PA

Sent To
 Dawn Hughes
 1134 Brooke Rd.,
 Stafford, VA 22405
 WDTN5-Surface/Coal

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PS Form 3800, July 2014 See Reverse for Instructions of Environmental Protection

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USPS 15301 WASHINGTON PA

Sent To
 Bryan Kevin Goff
 9325 Beaverdam Rd.,
 Nanjemoy, MD 20662
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0938

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USPS 15301 WASHINGTON PA

Sent To
 Brandon Sweeney
 18501 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

4 of 6

7014 1820 0001 7038 0723

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WASHINGTON PA
APR 04 2018
 USPS - 15301

Sent To
 Brianna Skyler Sweeney
 18502 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

09/28/2018

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WASHINGTON PA
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Sent To
 Wally Currence
 16200 Bealle Hill Road,
 Waldorf, MD 20601
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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WASHINGTON PA
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Sent To
 Maureen Currence
 203 Silver Maple Ct.,
 Holly Ridge, NC 28445
 WDTN5-Surface/Coal

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WASHINGTON PA
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Sent To
 Michelle Currence
 1 Carroll Drive
 Stafford, VA 22554
 WDTN5-Surface/Coal

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WASHINGTON PA
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Sent To
 Robert Stewart
 Lot 1, Route 21 MHP,
 Carmichaels, PA 15320
 WDTN5-Surface/Coal

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Total Post		

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Sent To
 Phyllis Petrosky
 110 Chess St., Apt 401,
 New Eagle, PA 15067
 WDTN5-Surface/Coal

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5066

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Total Postage & Fees	\$

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USPS 15301

Washington PA

Sent To
 Jesse D. Jones
 308 1/2 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0662

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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APR 04 2018

USPS 15301

Washington PA

Sent To
 Harold M. Jones
 317 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

09/28/2018

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Total Postage & Fees	\$

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USPS 15301

Washington PA

Sent To
 CNX Gas Company LLC
 1000 Consol Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Surface/Coal

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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USPS 15301

Washington PA

Sent To
 Jane Irons
 P.O. Box 681
 Tellico Plains, TN 37385
 WDTN5-Surface/Coal

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Total Postage & Fees	\$

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USPS 15301

Washington PA

Sent To
 Melissa Bookout
 311 West Walnut St.,
 Madisonville, TN 37354
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USPS 15301

Washington PA

Sent To
 Barbara J. Wagner
 573 Wise Run Road
 Wana, WV 26590
 WDTN5-Surface Road

PS Form 3800, July 2014 See Reverse for Instructions

WV Department of Environmental Protection

leaf 6

4706101806
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Restricted Delivery Fee (Endorsement Required)		
Total Postage		

Sent To: **John Matthew Wise and Dina Wise**
 2255 East 6500 South,
 Price, UT 84501
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0907

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Total Postage		

Sent To: **Opal Wise**
 2002 West 600 North Hilltop Road,
 Price, UT 84501
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 1003

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Restricted Delivery Fee (Endorsement Required)		
Total Postage		

Sent To: **Richard Nunley**
 261 Festival Drive,
 Oceanside, CA 92057
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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Sent To: **Patricia Mumaw**
 3344 Northridge Drive,
 Wooster, OH 44691
 WDTN5-Surface/Coal

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Sent To: **Donald Nunley**
 36 Autumn Drive,
 Core, WV 26541
 WDTN5-Surface/Coal

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Sent To: **Mary Nunley Stepelton**
 7739 South Hampton Terrace, Unit G204,
 Tamarac, FL 33321
 WDTN5-Surface/Coal

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4706101800
09/28/2018

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Sent To
 Thomas McCauley
 220 Kennedy Street, Apt 5,
 Louisville, OH 44641
 WDTN5-Surface/Coal

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Sent To
 Richard McCauley
 2589 Timothy Ave.,
 Louisville, OH 44641
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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Sent To
 Judy Eckman
 630 Coniston Drive,
 Leland, NC 28451-9754
 WDTN5-Surface/Coal

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Sent To
 Clifford J. Wise
 2394 County Road 137,
 Obrien, FL 32071
 WDTN5-Surface/Coal

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Sent To
 Regina W. Myers
 1200 Carroll Heights Blvd.,
 Hagerstown, MD 21742
 WDTN5-Surface/Coal

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Sent To
 Eleanor Wise
 126 Fairview Ave.,
 Waynesburg, PA 15370
 WDTN5-Surface/Coal

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WASHINGTON PA 15301

Sent To
Victor E. Wise
PO Box 7437,
Charleston, WV 25356
WDTN5-Surface/Coal

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WASHINGTON PA 15301

Sent To
Frederick C. Wise
1 West Hills Drive,
Fairmont, WV 26554
WDTN5-Surface/Coal

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47009/28/2018 6

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WASHINGTON PA 15301

Sent To
Walter C. Ord
P.O. Box 802,
McDowell, KY 41647
WDTN5-Surface/Coal

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Sent To
EvaLee A. Everly
1325 Citrus Gardens Dr., Apt A,
Orlando, FL 32807
WDTN5-Surface/Coal

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Sent To
Dexter Murie Stewart
1283 Crossroads Road,
Fairview, WV 26570
WDTN5-Surface/Coal

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Sent To
Zelma Ruth Brummage
3036 Main St.,
Farmington, WV 26571
WDTN5-Surface/Coal

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Sent To
 James Freeman Stewart
 1206 Marion Ave.
 Fairmont, WV 26554
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USPS - 15301

Sent To
 Justin P. Stewart
 132 Radiant Drive,
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

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Sent To
 Annette Stewart
 41 Mimosa Dr.
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

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USPS - 15301

Sent To
 Dawn Hughes
 1134 Brooke Rd.
 Stafford, VA 22405
 WDTN5-Surface/Coal

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USPS - 15301

Sent To
 Bryan Kevin Goff
 9325 Beaverdam Rd.,
 Nanjemoy, MD 20662
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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USPS - 15301

Sent To
 Brandon Sweeney
 18501 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

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Sent To: Brianna Skyler Sweeney
 18502 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

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Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018**

Sent To: Wally Currence
 16200 Bealle Hill Road,
 Waldorf, MD 20601
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0921

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Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018**

Sent To: Maureen Currence
 203 Silver Maple Ct.,
 Holly Ridge, NC 28445
 WDTN5-Surface/Coal

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Total Post		

Postmark Here: **WASHINGTON PA APR 04 2018**

Sent To: Michelle Currence
 1 Carrol Drive
 Stafford, VA 22554
 WDTN5-Surface/Coal

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Sent To: Robert Stewart
 Lot 1, Route 21 MHP,
 Carmichaels, PA 15320
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Sent To: Phyllis Petrosky
 110 Chess St., Apt 401,
 New Eagle, PA 15067
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4706101806

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Sent To
Jesse D. Jones
308 1/2 Crest Ave.,
Charleroi, PA 15022
WDTN5-Surface/Coal



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Sent To
Harold M. Jones
317 Crest Ave.,
Charleroi, PA 15022
WDTN5-Surface/Coal



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Sent To
CNX Gas Company LLC
1000 Consol Energy Drive,
Canonsburg, PA 15317
WDTN5-Surface/Coal



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Sent To
Jane Irons
P.O. Box 681,
Tellico Plains, TN 37385
WDTN5-Surface/Coal



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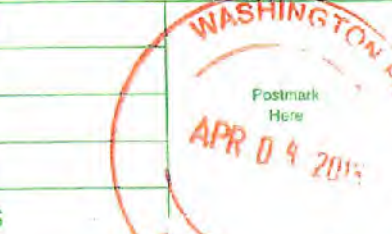
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Sent To
Melissa Bookout
311 West Walnut St.,
Madisonville, TN 37354
WDTN5-Surface/Coal



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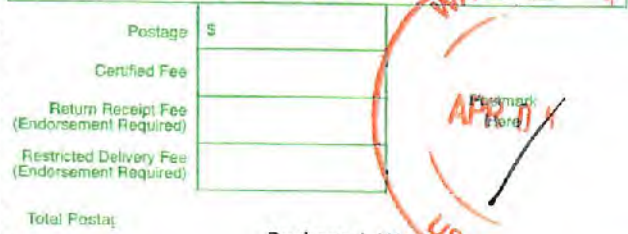
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Sent To
Barbara J. Wagner
573 Wise Run Road
Wana, WV 26590
WDTN5-Surface Road



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leaf 7

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Sent To
 CNX RCPLC
 1000 CONSOL Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Coal

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 CCC RCPC LLC
 1001 CONSOL Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Coal

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Sent To
 Richard W. Wise
 7817 Mason Dixon Highway,
 Wana, WV 26590
 WDTN5-Coal

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Sent To
 Kathy A. Sine
 343 Statler Run Road,
 Fairview, WV 26570
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Sent To
 John David Wise
 3 Cross Roads Road,
 Wana, WV 26590
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Sent To
 Linda Stapp
 124 Reservoir Rd.,
 St. Clairsville, OH 43950
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WV Department of Environmental Protection

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Sent To
John Matthew Wise and Dina Wise
2255 East 6500 South,
Price, UT 84501
WDTN5-Surface/Coal

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Sent To
Opal Wise
2002 West 600 North Hilltop Road,
Price, UT 84501
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Sent To
Richard Nunley
261 Festival Drive,
Oceanside, CA 92057
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Sent To
Patricia Mumaw
3344 Northridge Drive,
Wooster, OH 44691
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Sent To
Donald Nunley
36 Autumn Drive,
Core, WV 26541
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Sent To
Mary Nunley Stoppelton
7739 South Hampton Terrace, Unit G204,
Tamarac, FL 33321
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Thomas McCauley
 220 Kennedy Street, Apt 5,
 Louisville, OH 44641
 WDTN5-Surface/Coal

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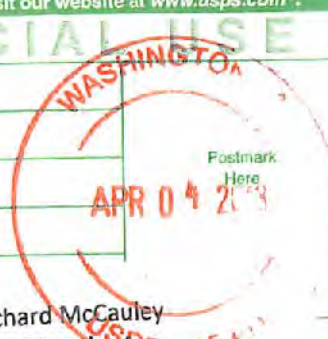
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Richard McCauley
 2589 Timothy Ave.,
 Louisville, OH 44641
 WDTN5-Surface/Coal

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Judy Eckman
 630 Coniston Drive,
 Leland, NC 28451-9754
 WDTN5-Surface/Coal

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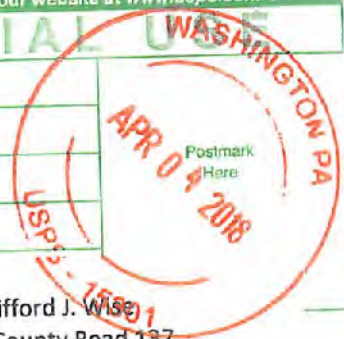
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Clifford J. Wise
 2394 County Road 137,
 Obrien, FL 32071
 WDTN5-Surface/Coal

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Regina W. Myers
 1200 Carroll Heights Blvd.
 Hagerstown, MD 21742
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Eleanor Wise
 126 Fairview Ave.,
 Waynesburg, PA 15370
 WDTN5-Surface/Coal

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Sent To: Victor E. Wise
PO Box 7427
Charleston, WV 25356
WDTN5-Surface/Coal

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Sent To: Frederick C. Wise
1 West Hills Drive,
Fairmont, WV 26554
WDTN5-Surface/Coal

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Sent To: Walter C. Ord
P.O. Box 802,
McDowell, KY 41647
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Sent To: Evalee A. Everly
1325 Citrus Gardens Dr., Apt A,
Orlando, FL 32807
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Sent To: Dexter Murie Stewart
1283 Crossroads Road,
Fairview, WV 26570
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Sent To: Zelma Ruth Brummage
3036 Main St.
Farmington, WV 26571
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 James Freeman Stewart
 1206 Marion Ave.
 Fairmont, WV 26554
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Sent To
 Justin P. Stewart
 132 Radiant Drive,
 Martinsburg, WV 25404
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Sent To
 Annette Stewart
 41 Mimosa Dr.,
 Martinsburg, WV 25404
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Sent To
 Dawn Hughes
 1134 Brooke Rd.,
 Stafford, VA 22405
 WDTN5-Surface/Coal

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Sent To
 Bryan Kevin Goff
 9325 Beaverdam Rd.,
 Nanjemoy, MD 20662
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Sent To
 Brandon Sweeney
 18501 Clagget Landing,
 Upper Marlboro, MD 20774
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Sent To
Brianna Skyler Sweeney
18502 Clagget Landing,
Upper Marlboro, MD 20774
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Sent To
Wally Currence
16200 Bealle Hill Road,
Waldorf, MD 20601
WDTN5-Surface/Coal

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Sent To
Maureen Currence
203 Silver Maple Ct.,
Holly Ridge, NC 28445
WDTN5-Surface/Coal

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Sent To
Michelle Currence
1 Carrol Drive
Stafford, VA 22554
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Sent To
Robert Stewart
Lot 1, Route 21 MHP,
Carmichaels, PA 15320
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Sent To
Phyllis Petrosky
110 Chess St., Apt 401,
New Eagle, PA 15067
WDTN5-Surface/Coal

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7014 1820 0001 7038 0709

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Sent To
 Jesse D. Jones
 308 1/2 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

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7014 1820 0001 7038 0662

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Sent To
 Harold M. Jones
 317 Crest Ave.,
 Charleroi, PA 15022
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Sent To
 CNX Gas Company LLC
 1000 Consol Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0693

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Sent To
 Jane Irons
 P.O. Box 681,
 Tellico Plains, TN 37385
 WDTN5-Surface/Coal

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Sent To
 Melissa Bookout
 311 West Walnut St.,
 Madisonville, TN 37354
 WDTN5-Surface/Coal

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Sent To
 Barbara J. Wagner
 573 Wise Run Road
 Wana, WV 26590
 WDTN5-Surface Road

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 Office of Oil and Gas
 WV Department of Environmental Protection

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Sent To
CNX RCPC LC
1000 CONSOL Energy Drive,
Canonsburg, PA 15317
WDTN5-Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0648

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Sent to
CCC RCPC LLC
1001 CONSOL Energy Drive,
Canonsburg, PA 15317
WDTN5-Coal

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Sent To
Richard W. Wise
7817 Mason Dixon Highway,
Wana, WV 26590
WDTN5-Coal

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Sent To
Kathy A. Sine
343 Statler Run Road,
Fairview, WV 26570
WDTN5-Coal

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Sent To
John David Wise
3 Cross Roads Road,
Wana, WV 26590
WDTN5-Coal

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7014 1820 0001 7038 0594

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Sent To
Linda Stapp
124 Reservoir Rd.,
St. Clairsville, OH 43950
WDTN5-Coal

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Sent To: **John Matthew Wise and Dina Wise**
2255 East 6500 South,
Price, UT 84501
WDTN5-Surface/Coal

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Sent To: **Opal Wise**
2002 West 600 North Hilltop Road,
Price, UT 84501
WDTN5-Surface/Coal

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Sent To: **Richard Nunley**
261 Festival Drive,
Oceanside, CA 92057
WDTN5-Surface/Coal

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Sent To: **Patricia Mumaw**
3344 Northridge Drive,
Wooster, OH 44691
WDTN5-Surface/Coal

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Sent To: **Donald Nunley**
36 Autumn Drive,
Core, WV 26541
WDTN5-Surface/Coal

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Sent To: **Mary Nunley Stepelton**
7739 South Hampton Terrace, Unit G204,
Tamarac, FL 33321
WDTN5-Surface/Coal

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Sent To
Thomas McCauley
220 Kennedy Street, Apt 5,
Louisville, OH 44641
WDTN5-Surface/Coal

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Sent To
Richard McCauley
2589 Timothy Ave.,
Louisville, OH 44641
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Sent To
Judy Eckman
630 Coniston Drive,
Leland, NC 28451-9754
WDTN5-Surface/Coal

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Sent To
Clifford J. Wise
2394 County Road 137,
Obrien, FL 32071
WDTN5-Surface/Coal

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Sent To
Regina W. Myers
1200 Carroll Heights Blvd.
Hagerstown, MD 21742
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Sent To
Eleanor Wise
126 Fairview Ave.,
Waynesburg, PA 15370
WDTN5-Surface/Coal

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Sent To: Victor E. Wise
PO Box 7427
Charleston, WV 25356
WDTN5-Surface/Coal

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Sent To: Frederick C. Wise
1 West Hills Drive,
Fairmont, WV 26554
WDTN5-Surface/Coal

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Sent To: Walter C. Ord
P.O. Box 802,
McDowell, KY 41647
WDTN5-Surface/Coal

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Sent To: Evalée A. Everly
1325 Citrus Gardens Dr., Apt A,
Orlando, FL 32807
WDTN5-Surface/Coal

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Sent To: Dexter Murie Stewart
1283 Crossroads Road,
Fairview, WV 26570
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Sent To: Zelma Ruth Brummage
3036 Main St.,
Farmington, WV 26571
WDTN5-Surface/Coal

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Sent To
 James Freeman Stewart
 1206 Marion Ave.
 Fairmont, WV 26554
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Sent To
 Justin P. Stewart
 132 Radiant Drive,
 Martinsburg, WV 25404
 WDTN5-Surface/Coal

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Sent To
 Annette Stewart
 41 Mimosa Dr.,
 Martinsburg, WV 25404
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Sent To
 Dawn Hughes
 1134 Brooke Rd.,
 Stafford, VA 22405
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Sent To
 Bryan Kevin Goff
 9325 Beaverdam Rd.,
 Nanjemoy, MD 20662
 WDTN5-Surface/Coal

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APR 04 2018
 WV Department of Environmental Protection

Sent To
 Brandon Sweeney
 18501 Clagget Landing,
 Upper Marlboro, MD 20774
 WDTN5-Surface/Coal

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Sent To Brianna Skyler Sweeney 18502 Clagget Landing, Upper Marlboro, MD 20774 WDTN5-Surface/Coal			
Street & Apt. N or PO Box N City, State, Z			

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Sent To Wally Currence 16200 Bealle Hill Road, Waldorf, MD 20601 WDTN5-Surface/Coal			
Street & Apt. N or PO Box N City, State, Z			

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Sent To Maureen Currence 203 Silver Maple Ct., Holly Ridge, NC 28445 WDTN5-Surface/Coal			
Street & Apt. N or PO Box N City, State, Zi			

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Sent To Michelle Currence 1 Carroll Drive Stafford, VA 22554 WDTN5-Surface/Coal			
Street & Apt. N or PO Box N City, State, Zi			

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Sent To Robert Stewart Lot 1, Route 21 MHP, Carmichaels, PA 15320 WDTN5-Surface/Coal			
Street & Apt. N or PO Box No. City, State, ZIP			

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Sent To Phyllis Petrosky 110 Chess St., Apt 401, New Eagle, PA 15067 WDTN5-Surface/Coal			
Street & Apt. N or PO Box N City, State, Z			

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5 of 6

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Sent To
 Jesse D. Jones
 308 1/2 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

09/28/2018

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Sent To
 Harold M. Jones
 317 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

PS Form 3800 See Reverse for Instructions

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Sent To
 CNX Gas Company LLC
 1000 Consol Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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Sent To
 Jane Irons
 P.O. Box 681,
 Tellico Plains, TN 37385
 WDTN5-Surface/Coal

PS Form 3800 See Reverse for Instructions

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Sent To
 Melissa Bookout
 311 West Walnut St.,
 Madisonville, TN 37354
 WDTN5-Surface/Coal

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Sent To
 Barbara J. Wagner
 573 Wise Run Road
 Wana, WV 26590
 WDTN5-Surface Road

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leaf 6

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Sent To: John Matthew Wise and Dina Wise
2255 East 6500 South,
Price, UT 84501
WDTN5-Surface/Coal

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Sent To: Opal Wise
2002 West 600 North Hilltop Road,
Price, UT 84501
WDTN5-Surface/Coal

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Total Postage		

Sent To: Richard Nunley
261 Festival Drive,
Oceanside, CA 92057
WDTN5-Surface/Coal

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Sent To: Patricia Mumaw
3344 Northridge Drive,
Wooster, OH 44691
WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

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Sent To: Donald Nunley
36 Autumn Drive,
Core, WV 26541
WDTN5-Surface/Coal

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Sent To: Mary Nunley Stepleton
7739 South Hampton Terrace, Unit G204,
Tamarac, FL 33321
WDTN5-Surface/Coal

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*WASHINGTON PA
APR 04 2018
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Environmental Protection*

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Total		

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Sent To
Thomas McCauley
220 Kennedy Street, Apt 5,
Louisville, OH 44641
WDTN5-Surface/Coal

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**WASHINGTON PA
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Sent To
Richard McCauley
2589 Timothy Ave.,
Louisville, OH 44641
WDTN5-Surface/Coal

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Total Post		

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Sent To
Judy Eckman
630 Coniston Drive,
Leland, NC 28451-9754
WDTN5-Surface/Coal

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Sent To
Clifford J. Wise
2394 County Road 137,
Obrien, FL 32071
WDTN5-Surface/Coal

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Sent To
Regina W. Myers
1200 Carroll Heights Blvd.,
Hagerstown, MD 21742
WDTN5-Surface/Coal

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APR 04 2018
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Sent To
Eleanor Wise
126 Fairview Ave.,
Waynesburg, PA 15370
WDTN5-Surface/Coal

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Sent To: Victor E. Wise
 PO Box 7437
 Charleston, WV 25356
 WDTN5-Surface/Coal

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Sent To: Frederick C. Wise
 1 West Hills Drive,
 Fairmont, WV 26554
 WDTN5-Surface/Coal

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Sent To: Walter C. Ord
 P.O. Box 802,
 McDowell, KY 41647
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Sent To: Evalee A. Everly
 1325 Citrus Gardens Dr, Apt A,
 Orlando, FL 32807
 WDTN5-Surface/Coal

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Sent To: Dexter Murre Stewart
 1283 Crossroads Road,
 Fairview, WV 26570
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Sent To: Zelma Ruth Brummage
 3036 Main St.
 Farmington, WV 26571
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 WV Department of Environmental Protection

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Sent To
James Freeman Stewart
1206 Marion Ave.
Fairmont, WV 26554
WDTN5-Surface/Coal

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Sent To
Justin P. Stewart
132 Radiant Drive,
Martinsburg, WV 25404
WDTN5-Surface/Coal

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Sent To
Annette Stewart
41 Mimosa Dr.,
Martinsburg, WV 25404
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Sent To
Dawn Hughes
1134 Brooke Rd.,
Stafford, VA 22405
WDTN5-Surface/Coal

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Sent To
Bryan Kevin Goff
9325 Beaverdam Rd.,
Nanjemoy, MD 20662
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Sent To
Brandon Sweeney
18501 Clagget Landing,
Upper Marlboro, MD 20774
WDTN5-Surface/Coal

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WV Department of Environmental Protection

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USPS - 15301**

Brianna Skyler Sweeney
18502 Clagget Landing,
Upper Marlboro, MD 20774
WDTN5-Surface/Coal

Sent To
Street & Apt. or PO Box No.
City, State, ZIP

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Wally Currence
16200 Bealle Hill Road,
Waldorf, MD 20601
WDTN5-Surface/Coal

Sent To
Street & Apt. or PO Box No.
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Maureen Currence
203 Silver Maple Ct.,
Holly Ridge, NC 28445
WDTN5-Surface/Coal

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Michelle Currence
1 Carroll Drive
Stafford, VA 22554
WDTN5-Surface/Coal

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Robert Stewart
Lot 1, Route 21 MHP,
Carmichaels, PA 15320
WDTN5-Surface/Coal

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City, State, ZIP

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Phyllis Petrosky
110 Chess St., Apt 401,
New Eagle, PA 15067
WDTN5-Surface/Coal

Sent To
Street & Apt. or PO Box No.
City, State, ZIP

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Total Post		



Sent To
 Street & Apt. or PO Box No.
 City, State, Z

Jesse D. Jones
 308 1/2 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

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Return Receipt Fee (Endorsement Required)		
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Total Postage & Fees	\$	



Sent To
 Street & Apt. or PO Box No.
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Harold M. Jones
 317 Crest Ave.,
 Charleroi, PA 15022
 WDTN5-Surface/Coal

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Total Post		



Sent To
 Street & Apt. or PO Box No.
 City, State, Z

CNX Gas Company LLC
 1000 Consol Energy Drive,
 Canonsburg, PA 15317
 WDTN5-Surface/Coal

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Sent To
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 City, State, Z

Jane Irons
 P.O. Box 681,
 Tellico Plains, TN 37385
 WDTN5-Surface/Coal

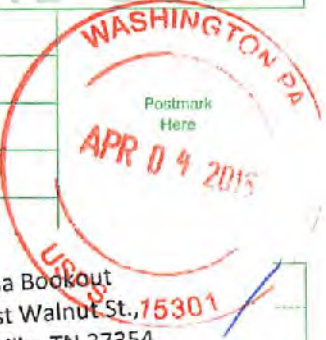
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Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	



Sent To
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 City, State, Z

Melissa Bookout
 311 West Walnut St.,
 Madisonville, TN 37354
 WDTN5-Surface/Coal

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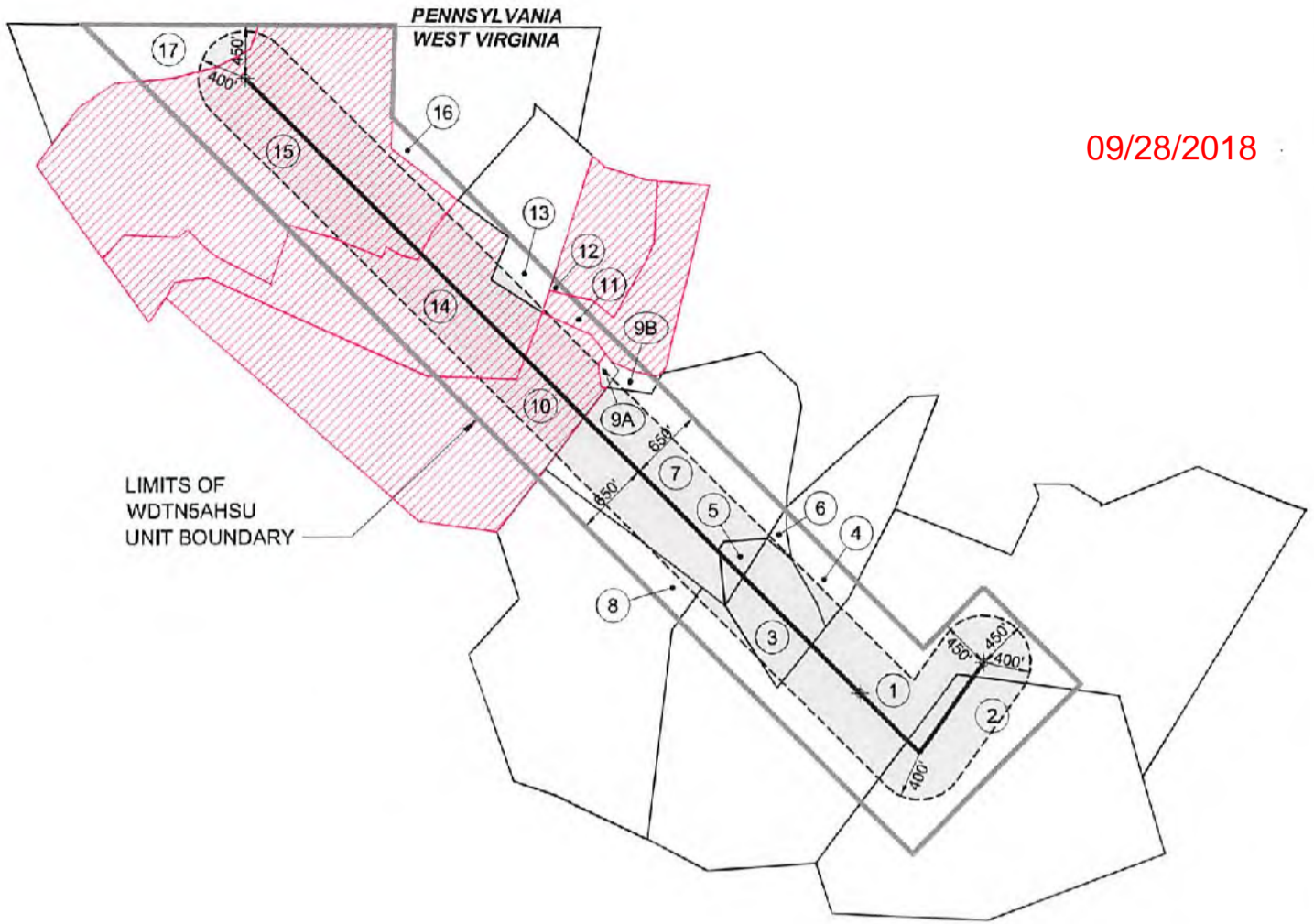


Sent To
 Street & Apt. or PO Box No.
 City, State, Z

Barbara J. Wagner
 573 Wise Run Road
 Wana, WV 26590
 WDTN5-Surface Road

leaf 6

09/28/2018






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.

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

-  400' DEEP WELL BUFFER
-  LIMITS OF WDTN5AHSU UNIT BOUNDARY
-  LESS THAN 100% INTEREST IN OIL & GAS ESTATE

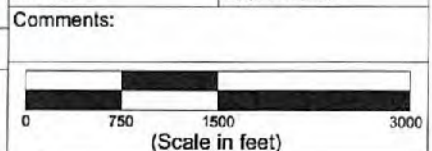


Wadestown Project Area
WDTN5AHSU Unit
Forced Pooling Exhibit
Final Title Mapping
Battelle District,
Monongalia County, WV

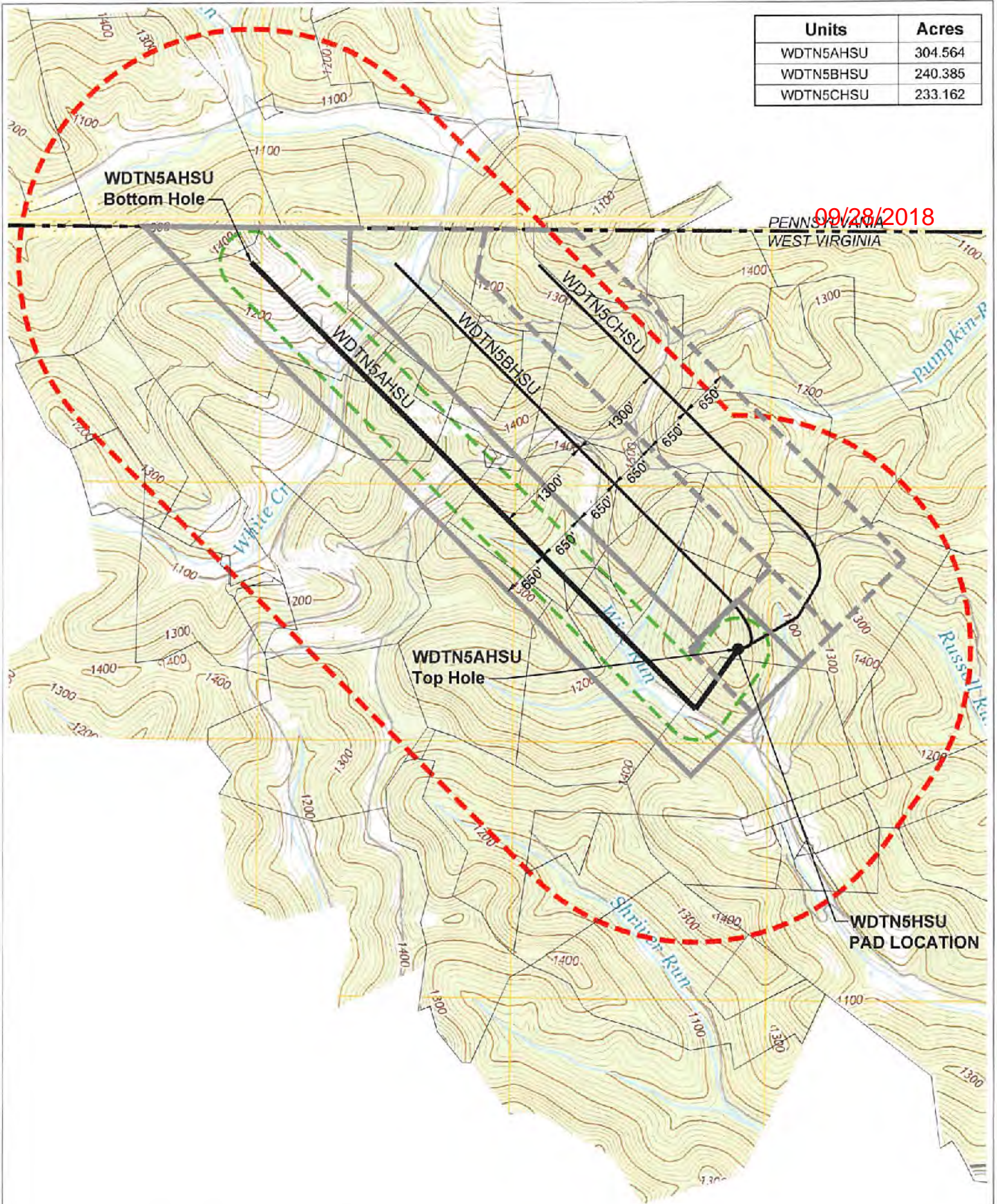


1000 Consol Energy Drive
Canonsburg, PA 15317-6506
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Orig. Date: 03/21/18 Prepared by: JJD
Rev. Date: 03/27/18 Checked by:
Rev. Date: Approved by:



Units	Acres
WDTN5AHSU	304.564
WDTN5BHSU	240.385
WDTN5CHSU	233.162



WDTN5HSU Well Coordinate List
(UTM 17- NAD83 - Meters)

Well	Top Hole	Landing Point	Bottom Hole
WDTN5AHSU WV0610879HSUT	N:4395400.010 E:556820.241	N:4395316.869 E:556500.004	N:4396882.395 E:554881.365
WDTN5BHSU WV0610900HSUT	N:4395400.802 E:556826.284	N:4395601.605 E:556775.394	N:4396886.550 E:555446.854
WDTN5CHSU WV0610901HSUT	N:4395394.759 E:556827.076	N:4395886.340 E:557050.785	N:4396890.733 E:556012.314

- - - - - 3,000' Offset
- - - - - 400' Deep Well Buffer
- WDTN5AHSU Unit Boundary
- Proposed CNX Unit Boundaries

APR 6 2018
WV Department of Environmental Protection

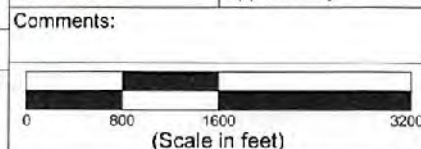


Wadestown Project Area
WDTN5HSU Unit Area
Spacing Waiver Exhibit
Battelle District, Monongalia County, WV



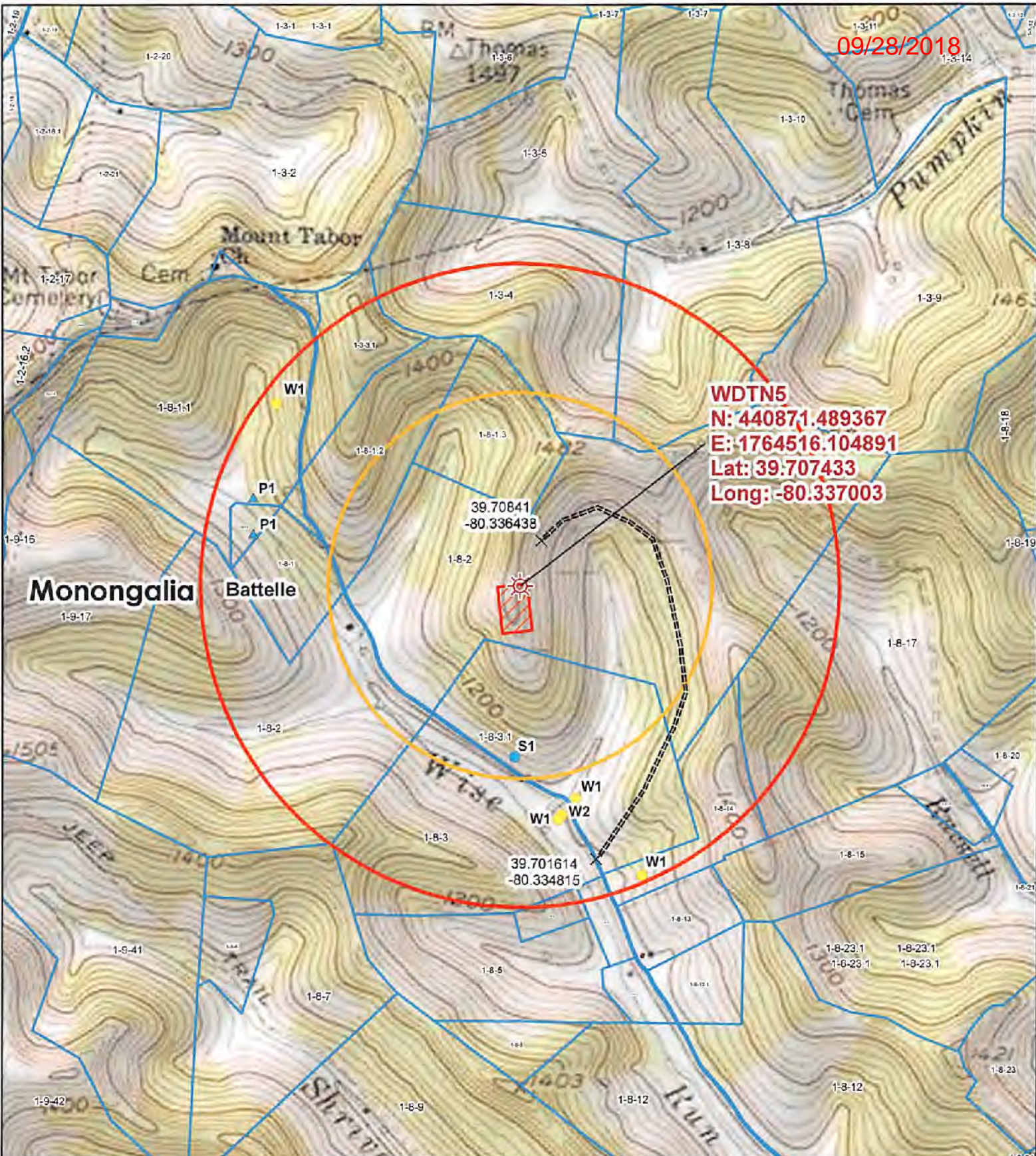
1000 Consol Energy Drive
Canonsburg, PA 15317-6506
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Orig. Date: 02/14/18 Prepared by: JJD
Rev. Date: 03/20/18 Checked by:
Rev. Date: Approved by:



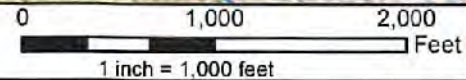
File Location:

09/28/2018



Legend

- Wellbore
- Wells
- Spring
- Ponds
- Access Points
- Access Road
- 2,500 Foot Buffer
- 1,500 Foot Buffer
- Well Pad
- Surface Parcel



CONSOL ENERGY
 CNX Center, Canonsburg, PA

Original Date: 11/13/2017 Prepared By: GIS

Revision Date: 11/13/2017 Approved By: GIS

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 Office of Oil and Gas
 Topographic Well Map
 WDTN5 6 2018
 WV Department of
 Environmental Protection

WW-6A1
(5/13)

Operator's Well No. WDTN5BHSU **09/28/2018**

**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.

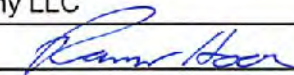
**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

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

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Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

Attachment - Form WW-6A-1 for WDTN58HSU

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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	CNX Gas Company, LLC	Lease Amendment	1595/13
			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
			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
			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
			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
			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.	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	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, 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	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Annette E. Stewart	CNX Gas Company, LLC	Not less than 1/8	1510/806
			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	131/339
			Maureen S. Currence	CNX Gas Company, LLC	Not less than 1/8	1520/781
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	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	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
			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
 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 Karl J. Hawkins
 Becky Bortnick Hawkins

CNX Gas Company, LLC
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Not less than 1/8
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1598/230
 1596/260
 1597/85
 1602/108
 1602/113
 1600/462
 1599/282
 1599/267
 1600/800
 1601/148
 1601/152
 1605/324

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
2	1-8-3 & 1-	204769000	Barbara J. Wagner CNX Gas Company, LLC Noble Energy, Inc. 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. Shriver, Trustee of the Shriver Family Trust CNX Gas Company, LLC Noble Energy, Inc. 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 Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008 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 Noble Energy, Inc.	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. 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 Noble Energy, Inc. CNX Gas Company, LLC Noble Energy, Inc.	Not less than 1/8 Assignment Assignment Lease Amendment Not less than 1/8 Assignment Assignment Lease Amendment Not less than 1/8 Lease Amendment Assignment Assignment	1506/533 128/628 131/339 1599/670 1507/427 129/312 131/339 1594/411 1515/794 1609/353 129/312 131/339

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
3	1-3-1.3	239934000	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 CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC 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 Not less than 1/8	1375/675 1415/388 1415/344 1599/675 1599/685 1599/680 1375/631

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
4	1-8-1.2	205005000	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	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC Noble Energy, Inc. CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Assignment Assignment Not less than 1/8	1375/675 1415/388 1415/344 1459/36 129/270 131/339 1375/631

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
5	1-3-3.1	204775000	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Steven M. Macyda Steven M. Macyda Earl W. Kennedy	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Lease Amendment Not less than 1/8	1375/675 1415/388 1415/344 1520/461 1611/41 1375/631

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title Opinion QLS #</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
6	1-8-1.5	204774000	CBC Holdings, LLC CBC Holdings, LLC CBC Holdings, LLC Gary L. Neely and Arlene Neely Gary L. Neely and Arlene Neely	CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC CNX Gas Company, LLC	Not less than 1/8 Lease Amendment Lease Amendment Not less than 1/8 Lease Amendment	1375/675 1415/388 1415/344 1602/835 1607/801

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	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
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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title</u> <u>Opinion QLS</u> <u>#</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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 Youndak, 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	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
			Thelma R. Dotterer Chowling	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, 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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title</u> <u>Opinion QLS</u> <u>#</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
13	1-2-18 & 1-2-18.1	188580000 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
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Samuel William Stewart and Barbara C. Stewart	CNX Gas Company, LLC	Lease Amendment	1592/682
			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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title</u> <u>Opinion QLS</u> <u>#</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
14	1-3-2	205498000	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
			Marlan 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
			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	Noble 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
			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. 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
			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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title</u> <u>Opinion QLS</u> <u>#</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
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

<u>Tract ID</u>	<u>Tax Map & Parcel</u>	<u>Title</u> <u>Opinion QLS</u> <u>#</u>	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	<u>Royalty</u>	<u>Book/Page</u>
16	1-2-19	204780000	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 2nd 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 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

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:Date of execution of Lease: Feb, 2, 2018Effective Date of Lease: February, 13th 2018**4. DESCRIPTION OF SUBJECT PREMISES:**

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or non-hydrocarbon 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, 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. **Primary Term.** 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).

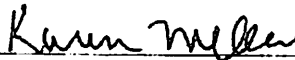
LESSOR:
Mt Tabor United Methodist Church

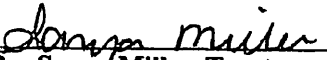
LESSEE:
CNX Gas Company LLC


By: _____ 
Name: Timothy Surmick
Title: Assistant Vice President


By: Roy L. Hall, Trustee

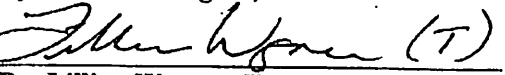
By: Victoria Hall, Trustee

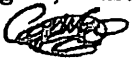

By: John L. Miller, Trustee


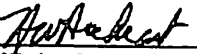
By: Karen Miller, Trustee


By: Sonya Miller, Trustee


By: Adam Miller, Trustee


By: Barbara Wagner, Trustee


By: Lillian Wagner, Trustee


By: Beto Gorostieta, Trustee


By: Bill 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:
Mt Tabor United Methodist Church

LESSEE:
CNX Gas Company LLC

By: _____
Name: Timothy Surmick
Title: Assistant Vice President

Roy L. Hall
By: Roy L. Hall, Trustee

Victoria Hall
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

By: Lillian Wagner, Trustee

By: Beto Gorostieta, Trustee

By: Bill Areheart, Trustee

By: Lynda Areheart, Trustee

Leonard Hall, Trustee

ACKNOWLEDGMENTS

STATE/Commonwealth of FLORIDA
COUNTY OF HIGHLANDS

The foregoing instrument was acknowledged before me on the 10 day of FEB,
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 hand and official seal.

(Notarial Seal)



MICHAEL ERIC CAVE
MY COMMISSION # GG 043152
EXPIRES: November 5, 2020
Bonded Thru Budget Notary Services

[Signature]

NOTARY PUBLIC

My commission expires 5 NOV 2020

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ____ day of _____,
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, I hereunto set my hand and official seal.

(Notarial Seal)

NOTARY PUBLIC

My commission expires _____

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ____ day of _____,
2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**,
whose name(s) is/are signed hereto.

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

(Notarial Seal)

NOTARY PUBLIC

My commission expires _____

ACKNOWLEDGMENTS

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged 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.

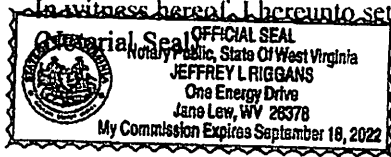
In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

NOTARY PUBLIC
My commission expires _____

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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, I hereunto set my hand and official seal.

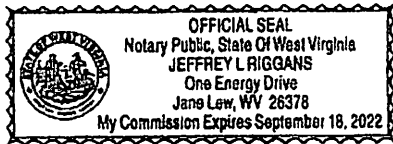


NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd day of FEB, 2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**, whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)



NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

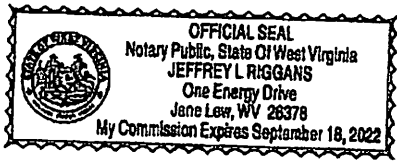


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

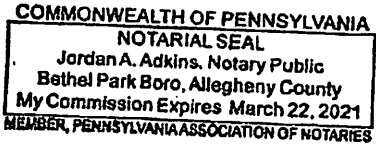


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of Pennsylvania
COUNTY OF Allegheny

The foregoing instrument was acknowledged before me on the 6th day of February, 2018 by **Mt. Tabor Methodist Church by its Trustees; Bill Areheart and Lynda Areheart** whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)



[Signature]
NOTARY PUBLIC
My commission expires 3-22-2021

STATE/Commonwealth of WVA
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 2nd 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)



[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the ___ day of _____, 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)

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 2nd 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 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

3. DATE OF LEASE EXECUTION/EFFECTIVE DATE:Date of execution of Lease: Feb, 2, 2018Effective Date of Lease: February, 13th 2018**4. DESCRIPTION OF SUBJECT PREMISES:**

All oil, gas, and their liquid and/or gaseous constituents, whether hydrocarbon or non-hydrocarbon 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, 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.

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

5. **TERM OF LEASE:**

A. **Primary Term.** 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.

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

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: _____
Name: Timothy Surmick
Title: Assistant Vice President

By: Roy L. Hall, Trustee

By: Victoria Hall, Trustee

John L. Miller

By: John L. Miller, Trustee

Karen Miller

By: Karen Miller, Trustee

Sonya Miller

By: Sonya Miller, Trustee

Adam Miller

By: Adam Miller, Trustee

Barbara Wagner

By: Barbara Wagner, Trustee

Lillian Wagner (T)

By: Lillian Wagner, Trustee

Beto Gorostieta

By: Beto Gorostieta, Trustee

Bill Areheart

By: Bill Areheart, Trustee

Lynda Areheart

By: Lynda Areheart, Trustee

Leonard Hall

Leonard Hall, Trustee

RECEIVED
Office of Oil and Gas
APR 6 2018

WV Department of
Environmental Protection

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: _____
Name: Timothy Surrick
Title: Assistant Vice President

Roy L. Hall
By: Roy L. Hall, Trustee

Victoria Hall
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

By: Lillian Wagner, Trustee

By: Beto Gorostieta, Trustee

By: Bill Areheart, Trustee

By: Lynda Areheart, Trustee

Leonard Hall, Trustee

RECEIVED
Office of Oil and Gas

APR 6 2018

Department of
Environmental Protection

ACKNOWLEDGMENTS

STATE/Commonwealth of FLORIDA
COUNTY OF HIGHLANDS

The foregoing instrument was acknowledged before me on the 10 day of FEB,
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 hand and official seal.

(Notarial Seal)



MICHAEL ERIC CAVE
MY COMMISSION # GG 043152
EXPIRES: November 5, 2020
Bonded Through Budget Notary Services

[Signature]

NOTARY PUBLIC

My commission expires 5 NOV 2020

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ____ day of _____,
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, I hereunto set my hand and official seal.

(Notarial Seal)

NOTARY PUBLIC

My commission expires _____

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ____ day of _____,
2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**,
whose name(s) is/are signed hereto.

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

(Notarial Seal)

NOTARY PUBLIC

My commission expires _____

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

ACKNOWLEDGMENTS

STATE/Commonwealth of _____
COUNTY OF _____

The foregoing instrument was acknowledged 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.

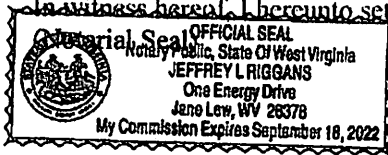
In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

NOTARY PUBLIC
My commission expires _____

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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, I hereunto set my hand and official seal.

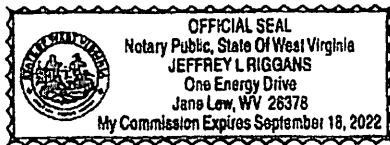


NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd day of FEB, 2018 by **Mt. Tabor Methodist Church by its Trustees; Sonya Miller and Adam Miller**, whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)

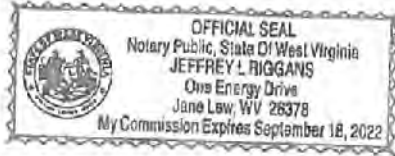


NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)



[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of WVA
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 2nd 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)

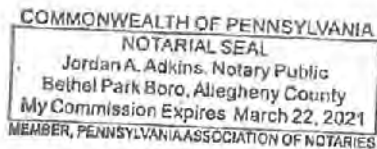


[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

STATE/Commonwealth of Pennsylvania
COUNTY OF Allegheny

The foregoing instrument was acknowledged before me on the 6th day of February, 2018 by Mt. Tabor Methodist Church by its Trustees; Bill Areheart and Lynda Areheart whose name(s) is/are signed hereto.

In witness hereof, I hereunto set my hand and official seal.
(Notarial Seal)



[Signature]
NOTARY PUBLIC
My commission expires 3-22-2021

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Office of Oil and Gas
APR 6 2018

PA Department of Environmental Protection

STATE/Commonwealth of WV
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 2nd 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)



[Signature]
NOTARY PUBLIC
My commission expires 9-18-22

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the ___ day of _____, 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)

NOTARY PUBLIC
My commission expires _____

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Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

09/28/2018



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,

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

Erika Whetstone
CNX Gas Company LLC

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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 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, WDTN5CISU, WDTN5GISM, WDTN5RHSM ✓

Address: 1000 Consol Energy Drive, Canonsburg PA. 15317

Business Conducted: Natural gas production.

Location –

State: West Virginia

County: Monongalia

District: Battelle

Quadrangle: Wadestown

UTM Coordinate NAD83 Northing: 4395400.010, 4395400.802, 4395394.759, 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 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

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Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

PUBLISHER'S CERTIFICATE

09/28/2018

vs.

STATE OF WEST VIRGINIA
COUNTY OF MONONGALIA

I, 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

for 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 \$200.06

Given under my hand this 15th day of

March, 2018

Brad Pennington

(SEAL)

Advertising Director of THE DOMINION POST

Subscribed and sworn to before me this 15th

day of March, 2018

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Office of Oil and Gas

APR 6 2018

Jessica Davis
Notary Public of Monongalia County, W. Va.

My commission expires on the 27th day of

Feb. 2023

010128451

Horizontal Natural Gas Well Work Permit
Application Notice By Publication

March 8, 15

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, WDTN5CHSU, WDTN5GHSM,
WDTN5HHSM
Address: 1000 Conso Energy Drive, Canonsburg PA. 15317
Business Conducted: Natural gas production.

Location —
State: West Virginia County: Monongalia
District: Battelle Quadrangle: Wadestown
UTM Coordinate NAD83 Northing:
4395400.010, 4395400.902, 4395394.759, 4395387.925, 4395393.967
UTM coordinate NAD83 Easting:
556820.241, 556826.284, 556827.076, 556821.825, 556821.033
Watershed: Dulkard Creek

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

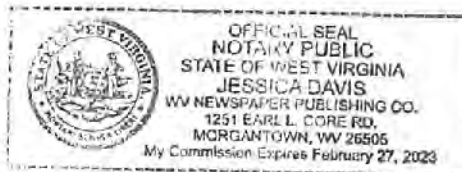
Electronic notification:
To receive an email when applications have been received or issued by the Office of
Oil and Gas, visit: <http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx>
to sign up.

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 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/oge/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



09/28/2018

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

Date of Notice Certification: 4-4-18

API No. 47- _____
Operator's Well No. WDTN5BHSU
Well Pad Name: WDTN5

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83	Easting: <u>1732990.785</u>
County: <u>Monongalia</u>		Northing: <u>440568.098</u>
District: <u>Battelle</u>	Public Road Access: <u>CR6 Wise Run</u>	
Quadrangle: <u>Wadestown</u>	Generally used farm name: <u>Wise</u>	
Watershed: <u>Dunkard Creek</u>		

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:

*PLEASE CHECK ALL THAT APPLY

- 1. NOTICE OF SEISMIC ACTIVITY or NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED
- 2. NOTICE OF ENTRY FOR PLAT SURVEY or NO PLAT SURVEY WAS CONDUCTED
- 3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)
- 4. NOTICE OF PLANNED OPERATION
- 5. PUBLIC NOTICE
- 6. NOTICE OF APPLICATION

OOG OFFICE USE ONLY

- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED
- RECEIVED

RECEIVED
Office of Oil and Gas

APR 6 2018

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.

Attached to WDTN5B WW-6AC
Commonwealth of Pennsylvania
County of Washington

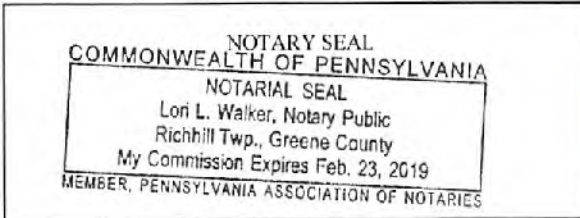
09/28/2018

Certification of Notice is hereby given:

THEREFORE, I Raymond Hoon *Ray Hoon*, 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.

Well Operator: CNX Gas Company LLC
By: Raymond Hoon
Its: Permitting Supervisor
Telephone: 724-485-3540

Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
Facsimile: _____
Email: RaymondHoon@CNX.com



Subscribed and sworn before me this 4th day of April 2018.
Lori L. Walker Notary Public
My Commission Expires February 23, 2019

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.

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Office of Oil and Gas
APR 6 2018
Notary Public
Lori L. Walker

**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 WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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:

SURFACE OWNER(s)

Name: See attached

Address: _____

Name: _____

Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: See attached

Address: _____

Name: _____

Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: N/A

Address: _____

COAL OWNER OR LESSEE

Name: See attached

Address: _____

COAL OPERATOR

Name: N/A

Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: N/A

Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: N/A

Address: _____

*Please attach additional forms if necessary

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Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

APR 6 2018

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 erosion 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

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

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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.**

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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WW-6A
(8-13)

Attached to WDTN5B WW6-A

API NO. 47- _____
OPERATOR WELL NO. WDTN5BHSU
Well Pad Name: WDTN5 **09/28/2018**

Notice is hereby given by:

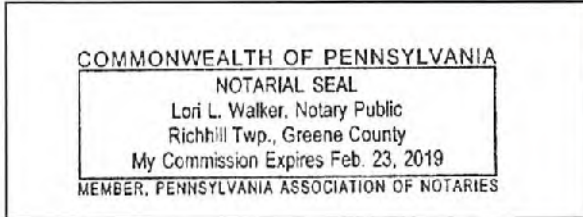
Well Operator: CNX Gas Company LLC
Telephone: 724-485-3540
Email: RaymondHoon@CNX.com *Raymond Hoon*

Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
Facsimile: _____

Oil and Gas Privacy Notice:

Commonwealth of Pennsylvania County of Washington

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.



Subscribed and sworn before me this 4th day of April 2018.
Lori L Walker Notary Public
My Commission Expires February 23, 2019

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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

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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

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 Mimososa 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

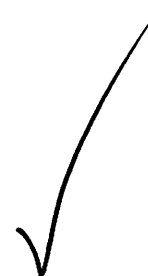
Wally Currence
16200 Bealle Hill Road, Waldorf, MD 20601

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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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

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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

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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

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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

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

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

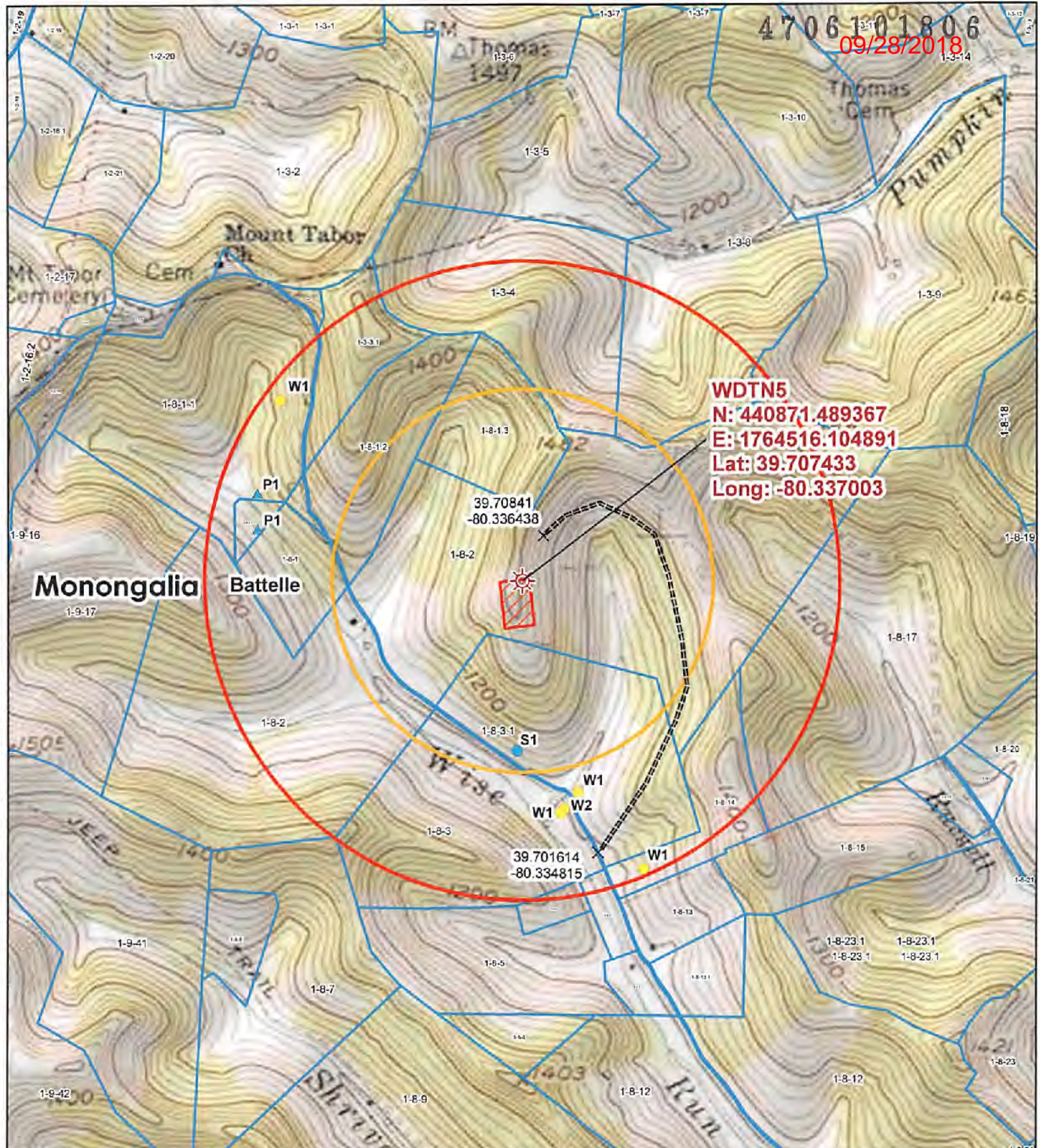
CNX Gas Company LLC
1000 Consol Energy Drive, Canonsburg, PA 15317

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

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

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WV Department of
Environmental Protection

4706101806
09/28/2018



WDTN5
N: 440871.489367
E: 1764516.104891
Lat: 39.707433
Long: -80.337003

39.70841
-80.336438

39.701614
-80.334815

Legend				<p>1 inch = 1,000 feet</p>		<p>RECEIVED Gas CNX Center, Canonsburg, PA</p>	
Wellbore	Access Road	2,500 Foot Buffer	Wells	1,500 Foot Buffer	Well Pad	Surface Parcel	<p>APR 6 2018 Topographic Well Map WDTN5</p>
Spring	Ponds	Access Points					
<p>Original Date: 11/13/2017</p> <p>Revision Date: 11/13/2017</p>		<p>Prepared By: GIS</p> <p>Approved By: GIS</p>		<p>This map is property of CNX Land Resources Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.</p> <p>© Copyright CNX Land Resources Inc. 2011</p>			

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.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 4-4-18 **Date Permit Application Filed:** 4-5-18

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY **CERTIFIED MAIL RETURN RECEIPT REQUESTED**

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: See attached
Address: _____

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Monongalia
District: Battelle
Quadrangle: Wadestown
Watershed: Dunkard Creek

UTM NAD 83 Easting: 1732990.785
Northing: 440568.098
Public Road Access: CR6 Wise Run
Generally used farm name: Wise

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APR 6 2018
WV Department of Environmental Protection

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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.

Notice is hereby given by:

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

Authorized Representative: Raymond Hoon
Address: 1000 Consol Energy Drive
Canonsburg, PA 15317
Telephone: 724-485-3540
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.

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, O'Brien, 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

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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

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
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Dawn Hughes
1134 Brooke Rd., Stafford, VA 22405

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

Brandon Sweeney
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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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Environmental Protection

09/28/2018

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

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

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

- CERTIFIED MAIL HAND
- RETURN RECEIPT REQUESTED DELIVERY

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: See attached Name: _____
 Address: _____ 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: <u>West Virginia</u>	UTM NAD 83	Easting: <u>1732990.785</u>
County: <u>Monongalia</u>		Northing: <u>440568.098</u>
District: <u>Bettelle</u>	Public Road Access: <u>CR6 Wise Run</u>	
Quadrangle: <u>Wadestown</u>	Generally used farm name: <u>Wise</u>	
Watershed: <u>Dunkard Creek</u>		

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 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

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

APR 6 2018
Office of Oil and Gas
WV Department of Environmental Protection

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

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 ✓

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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

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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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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7014 1820 0001 7038 0808

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OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here: APR 04 2018

Sent To: John Matthew Wise and Dina Wise
 2255 East 6500 South,
 Price, UT 84501
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

4706101806 09/28/2018

7014 1820 0001 7038 0907

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Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here: APR 04 2018

Sent To: Opal Wise
 2002 West 600 North Hilltop Road,
 Price, UT 84501
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 1003

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here: APR 04 2018

Sent To: Richard Nunley
 261 Festival Drive,
 Oceanside, CA 92057
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0792

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Total Postage	

Postmark Here: APR 11 2018

Sent To: Patricia Mumaw
 3344 Northridge Drive,
 Wooster, OH 44691
 WDTN5-Surface/Coal

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here: APR 04 2018

Sent To: Donald Nunley
 36 Autumn Drive,
 Core, WV 26541
 WDTN5-Surface/Coal

PS Form 3800, July 2014 See Reverse for Instructions

7014 1820 0001 7038 0990

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Restricted Delivery Fee (Endorsement Required)	
Total Postage	

Postmark Here: APR 04 2018

Sent To: Mary Nunley Stepelton
 7739 South Hampton Terrace Unit G204,
 Tamarac, FL 33321
 WDTN5-Surface/Coal

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 Office of Oil and Gas
 APR 06 2018
 WV Department of Environmental Protection

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(Endorsement Required)

Total

Sent To

Street & Apt.
or PO Box
City, State, ZIP

Thomas McCauley
220 Kennedy Street, Apt 5,
Louisville, OH 44641
WDTN5-Surface/Coal



PS Form 3800, July 2014 See Reverse for Instructions

09/28/2018

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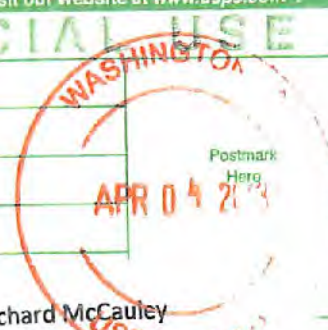
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(Endorsement Required)
Restricted Delivery Fee
(Endorsement Required)

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Sent To

Street & Apt.
or PO Box
City, State, ZIP

Richard McCauley
2589 Timothy Ave.,
Louisville, OH 44641
WDTN5-Surface/Coal



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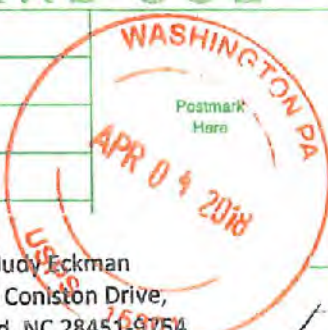
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Restricted Delivery Fee
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Total Post

Sent To

Street & Apt.
or PO Box No.
City, State, ZIP

Judy Eckman
630 Coniston Drive,
Leland, NC 28451-9754
WDTN5-Surface/Coal



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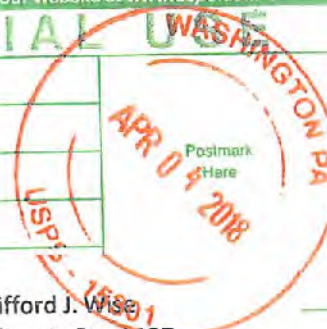
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Return Receipt Fee
(Endorsement Required)
Restricted Delivery Fee
(Endorsement Required)

Total Po

Sent To

Street & A
or PO Box
City, State

Clifford J. Wise
2394 County Road 137,
Obrien, FL 32071
WDTN5-Surface/Coal



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(Endorsement Required)

Total Postag

Sent To

Street & Apt.
or PO Box No.
City, State, ZIP

Regina W. Myers
1200 Carroll Heights Blvd,
Hagerstown, MD 21742
WDTN5-Surface/Coal



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(Endorsement Required)

Total Postag

Sent To

Street & Apt. h
or PO Box No.
City, State, ZIP

Eleanor Wise
126 Fairview Ave.,
Waynesburg, PA 15370
WDTN5-Surface/Coal



PS Form 3800, July 2014 See Reverse for Instructions

4706101806 09/28/2008



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Jim Justice
Governor

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
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,

A handwritten signature in blue ink that reads "Gary 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

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APR 6 2018

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

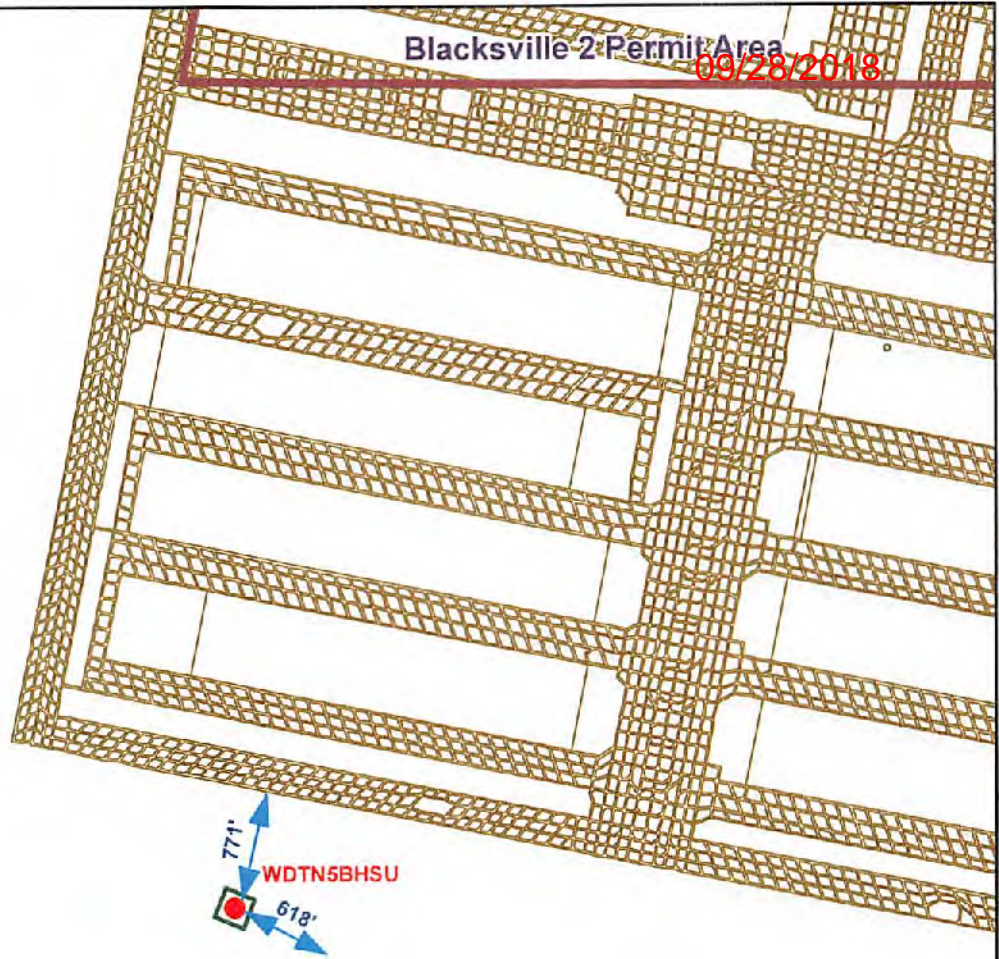
Type: Metanol CAS: 67-56-1

Type: Formaldehyde CAS: 50-00-0

Type: Thiourea CAS: 62-56-6

Type: Acetophenone CAS: 98-86-2

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APR 6 2018
WV Department of
Environmental Protection

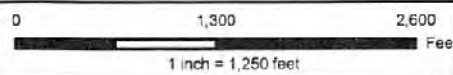


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11/26/2018

Legend

- Well Location
- Mine Workings
- 200'x200' SQ Coal Block

- Mined Out
- Active Permit

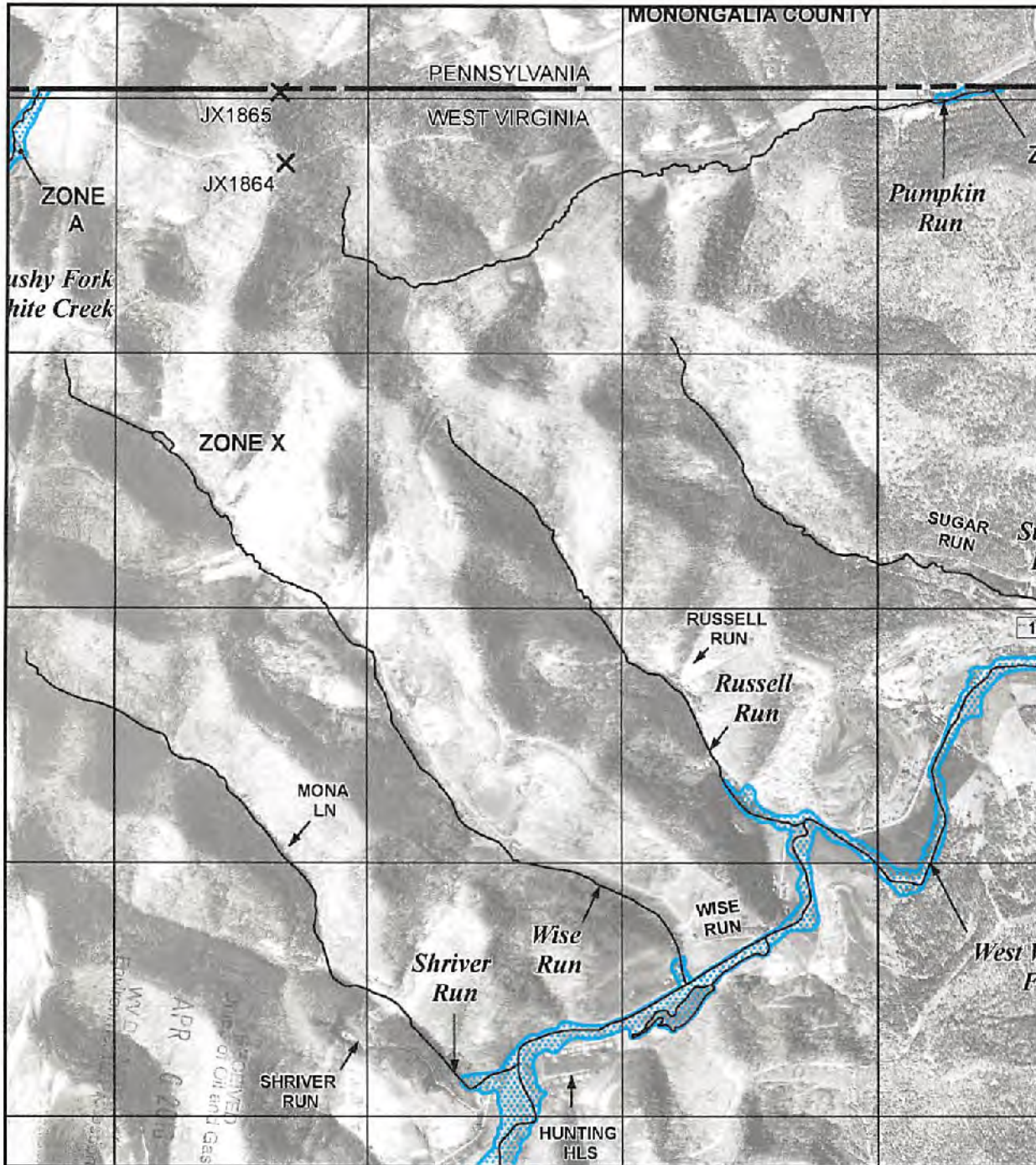


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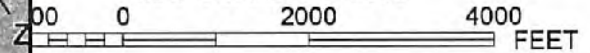
Prepared By: ljs0lni
Original Date: 3/28/2018
Revision No:
Revision Date:



**CNX Gas Well
WDTN5BHSU
Mine Plan Map**



MAP SCALE 1" = 2000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0050E

FIRM
FLOOD INSURANCE RATE MAP

**MONONGALIA COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS**

PANEL 50 OF 325
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MONONGALIA COUNTY	540135	0050	E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
54061C0050E

EFFECTIVE DATE
JANUARY 20, 2010

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Bond

KNOW ALL MEN BY THESE PRESENTS

BOND NO CMS0260702

That CNX Gas Company, LLC
Address CNX Center, 1000 CONSOL Energy Dr, Canonsburg PA 15311; Phone No 724-485-4000
as principal, and RLI Insurance Company, a corporation, organized
and existing under the laws of the State of Illinois, with principal office at
P. O. Box 3967, Peoria, IL 61612, and duly licensed
and authorized to do business in the State of West Virginia as surety, are held and firmly bound unto the State
of West Virginia in the just and full sum of Two Hundred Fifty Thousand and NO/100
Dollars (\$250,000.00), for the payment whereof well and truly to be made, we bind ourselves, our heirs,
executors, administrators, successors and assigns, jointly and severally by these presents

WITNESSE the signatures and seals of said principal and surety, both thereunto duly authorized this 6th day
of July, 2011

The condition of the above obligation is such, that whereas, the above bound principal has filed with West
Virginia Division of Highways its written application for a permit to install for heavy hauling on all
(his, its, etc.)
'state local service' roads within District Four in accordance with WV Code 17-1-28 and as defined in
WV Code 17-4-2(d) (herein referred to as "Covered Roads") District Four is made up of six counties,
Harrison, Doddridge, Marion, Monongalia, Taylor and Preston
along bridges, roads and highways in the State of West Virginia, in manner and form prescribed by The West
Virginia Division of Highways, which may result in damage to said bridges, roads, highways, shoulders, and
ditches thereof

Now, if the said CNX Gas Company, LLC
principal, shall properly repair any and all damages that may result to said bridges, roads, highways, shoulders, and
ditches, upon which it may perform work, to as good condition as when same was entered upon, as determined by
the District Engineer of The West Virginia Division of Highways having jurisdiction over the work permitted, or
pay damages therefore in an amount sufficient to properly restore such bridges, roads, highways, shoulders, and
ditches to such original condition, and shall reimburse The West Virginia Division of Highways for all inspection
costs incurred by it in connection with said work and repairs of such damages and faithfully comply with all terms,
provisions and conditions of said permit and save harmless West Virginia Division of Highways and the State of
West Virginia from all losses resulting from the conduct of said work or repairs; then this obligation to be void,
other wise to remain in full force and effect

By execution of this bond the Principal and the Surety affirm that the text above is a verbatim reproduction of
The West Virginia Division of Highways Bond Form SM-6, Revised 5-19-05. Attached notarized signatures and
Power-of-Attorney are a part of this contract.

(SEAL)

(SEAL)

CNX Gas Company, LLC
A Corporation
By Stephen W. Johnson
Its Stephen W. Johnson, Manager

(SEAL)

RLI Insurance Company
A Corporation
By Heidi A. Nolheisen
Its Attorney-in-Fact

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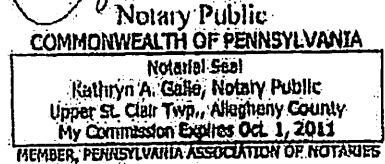
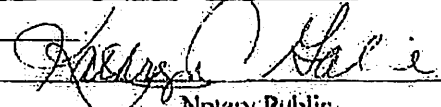
FORM 8M-6
PAGE 2 OF 2

STATE OF Pennsylvania

COUNTY OF Washington, TO-WIT:

I, Kathryn A. Galie, a Notary Public in and for the County and State aforesaid, do hereby certify that Stephen W. Johnson whose name is signed to the foregoing writing, bearing date the 6th day of July, 2011, has this day acknowledged the same before me in my said County and State.

Given under my hand this 8th day of July, 2011
My commission expires October 1, 2011



STATE OF _____

COUNTY OF _____, TO-WIT:

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that _____ who signed the foregoing writing bearing date the _____ day of _____, 20____, for _____ a corporation, has this day in my said County, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand this _____ day of _____, 20____.
My commission expires _____

Notary Public.

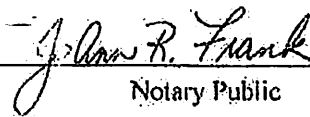
STATE OF Missouri

COUNTY OF St. Louis City, TO-WIT:

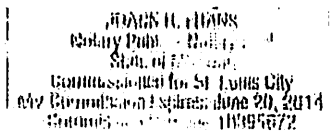
I, JoAnn R. Frank, a Notary Public in and for the County and State aforesaid, do hereby certify that Heidi A. Nolheisen who signed the foregoing writing bearing date the 6th day of July, 20 11, for RLI Insurance Company

a corporation, has this day in my said County, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand this 6th day of July, 20 2011
My commission expires June 20, 2014



Notary Public



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Office of Oil and Gas
APR 6 2018

WV Department of
Environmental Protection



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

POWER OF ATTORNEY

RLI Insurance Company

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That **RLI Insurance Company**, an Illinois corporation, does hereby make, constitute and appoint: Pamela A. Beelman, Cynthia J. Choren, Heidi A. Nolheisen, Debra C. Schneider, JoAnn B. Frank, Karen L. Roider, Sandra L. Ham, jointly or severally.

in the City of Saint Louis, State of Missouri its true and lawful Agent and Attorney in Fact, with full power and authority hereby conferred, to sign, execute, acknowledge and deliver for and on its behalf as Surety, the following described bond.

Any and all bonds provided the bond penalty does not exceed Twenty Five Million Dollars (\$25,000,000.00).

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon this Company as if such bond had been executed and acknowledged by the regularly elected officers of this Company.

The RLI Insurance Company further certifies that the following is a true and exact copy of the Resolution adopted by the Board of Directors of RLI Insurance Company, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the RLI Insurance Company has caused these presents to be executed by its Vice President with its corporate seal affixed this 31st day of March, 2010.



RLI Insurance Company

By: [Signature]
Roy C. Die Vice President

State of Illinois }
County of Peoria } SS

CERTIFICATE

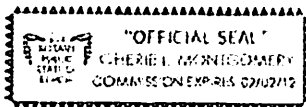
On this 31st day of March, 2010, before me, a Notary Public, personally appeared Roy C. Die, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the RLI Insurance Company and acknowledged said instrument to be the voluntary act and deed of said corporation.

I, the undersigned officer of RLI Insurance Company, a stock corporation of the State of Illinois, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the RLI Insurance Company this 6th day of July, 2011.

By: [Signature]
Cherie L. Montgomery Notary Public

RLI Insurance Company

By: [Signature]
Roy C. Die Vice President
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Office of Oil and Gas
APR 20 2018
WV Department of Environmental Protection



Unleased Owners
Unit Name: WDTNSBHSU

QIS #	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
QIS #	204778000		
Tract ID	12		
TMP	1-2-21		
Total % of Tract			
Non-CNX Controlled	5.55556%		

Current Address:

Victor A. White 78 Bedington Rd Martinsburg, WV 25404
 Melinda R. Hatton 1618 N. Lexington St. Apt. 3A Arlington, VA 22205
 Dennis F. Hatton Jr. 7615 Glenolden Place Manassas, VA 20111
 Amanda Hatton 7615 Glenolden Place Manassas, VA 20111

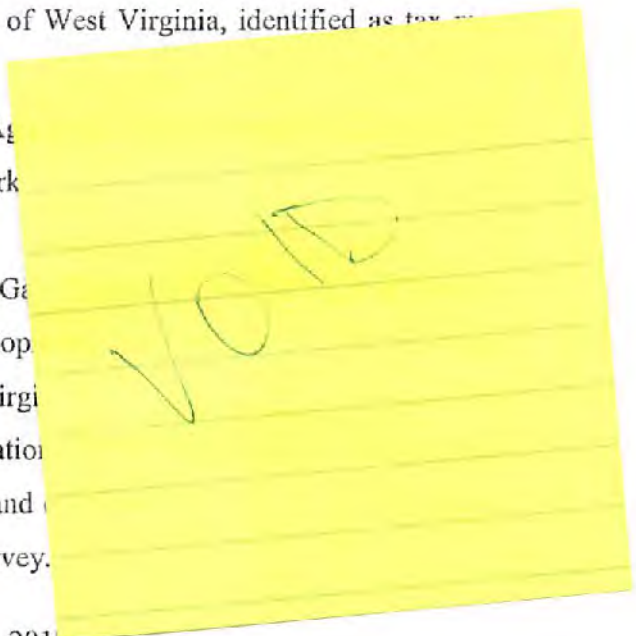
Monongalia County
Carve L Blaney, Clerk
Instrument 716623
03/21/2018 @ 01:33:58 PM
MISCELLANEOUS
Book 128 @ Page 530
Pages Recorded 2
Recording Cost \$ 11.00

09/28/2018

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 tax map 31-01-0008-0002-0000 (the "Property");
2. He/she previously executed a Surface Use Agreement which is of record in the Office of the County Clerk of West Virginia, Page 574 as Instrument No. 594793.
3. The Surface Use Agreement granted CNX Gas Company the right to use the surface of the Property for oil and gas development and the execution of an easement contemplated under West Virginia Code Chapter 20-2, Operating Rule 4.4 of the Rules and Regulations of the West Virginia Conservation Commission, and the drilling and completion of the location shown on the attached plat or survey.



Executed this 05 day of October, 2017.

Evalee A. Everly Shaheen
Evalee A. Everly Shaheen

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

STATE OF Florida
COUNTY OF Orange

The foregoing instrument was acknowledged before me on the 5 day of October, 2017 by Evalee A. Everly Shaheen.

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

(Notarial Seal)

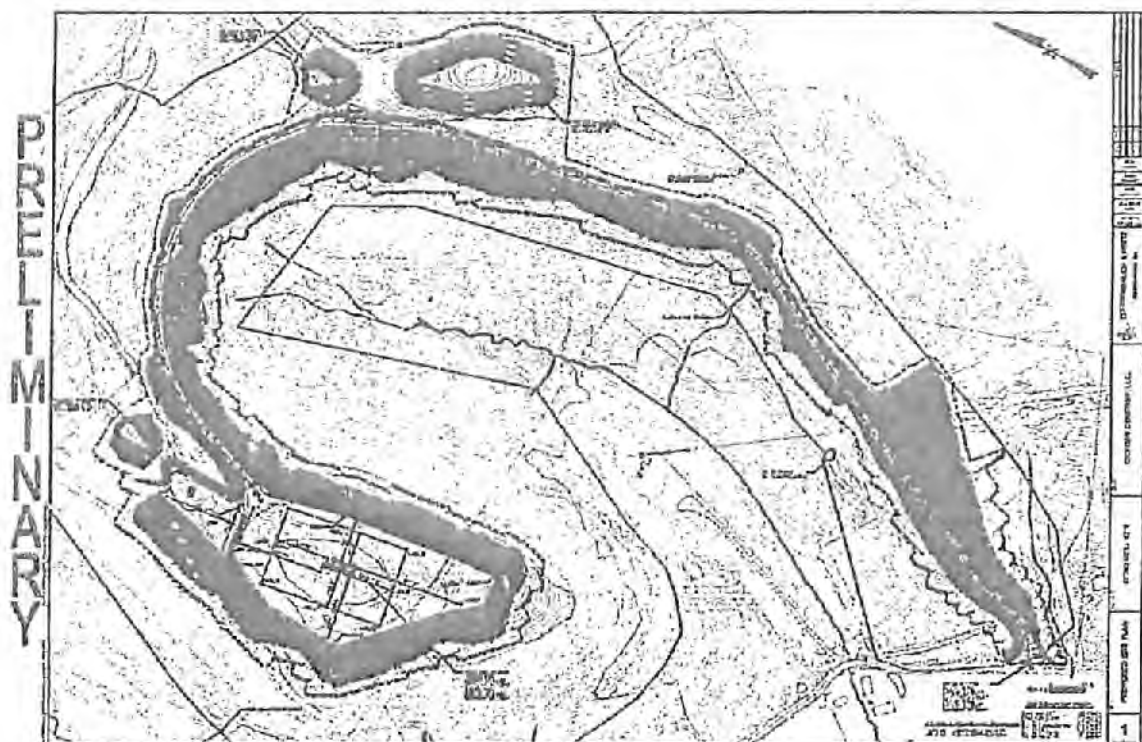


[Signature]
NOTARY PUBLIC
My Commission expires: 4/17/2018

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 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

Evalee A. Everly Shaheen
 Evalee A. Everly Shaheen

RECEIVED
 Office of Oil and Gas
 APR 6 2018
 WV Department of
 Environmental Protection

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 October, 2017.

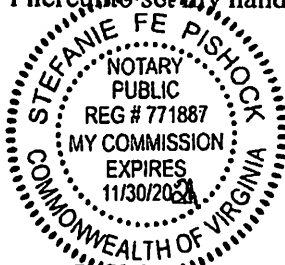
Michelle L. Currence
Michelle L. Currence

STATE OF Virginia
COUNTY OF Stafford

The foregoing instrument was acknowledged before me on the 12 day of October, 2017 by Michelle L. Currence.

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

(Notarial Seal)

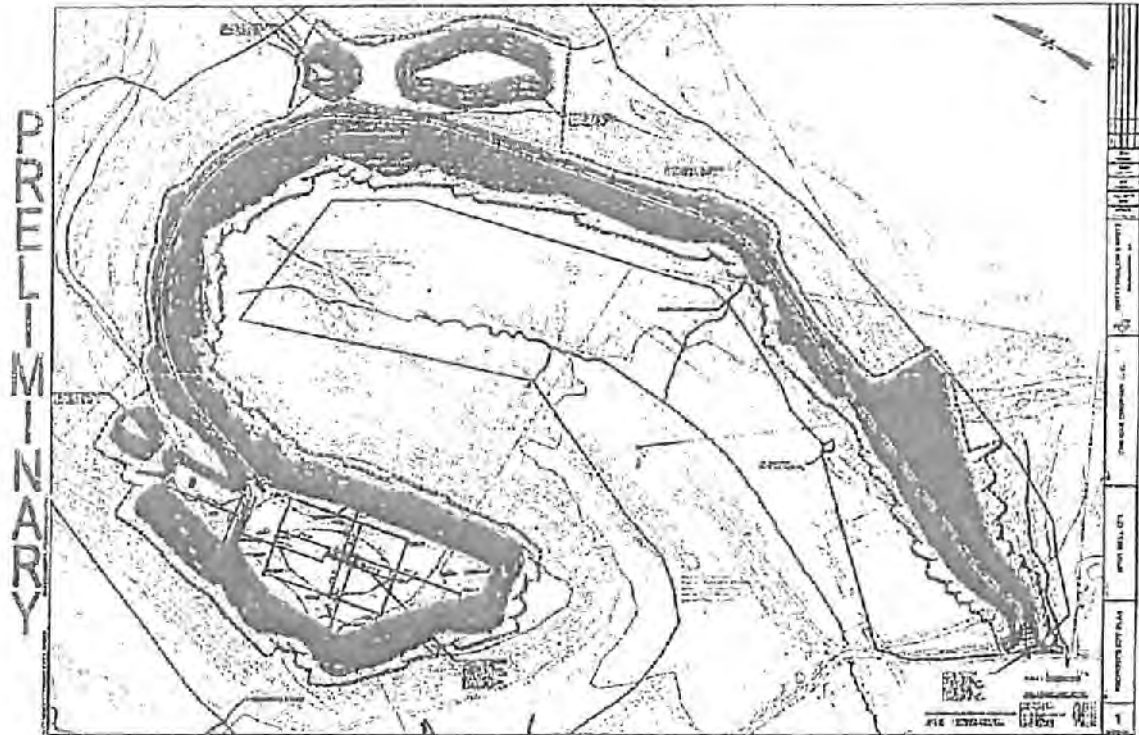


Stefanie Pishock
NOTARY PUBLIC
My Commission expires: 11-30-2021
RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of Environmental Protection

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 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

Michelle L. Currence

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0522

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716619
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 522
Pages Recorded 2
Recording Cost \$ 11.00

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");
2. 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.

Vicki Stullenbarger
Vicki Stullenbarger

STATE OF North Carolina
COUNTY OF Onslow

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

RECEIVED
Office of Oil and Gas

APR 6 2018

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



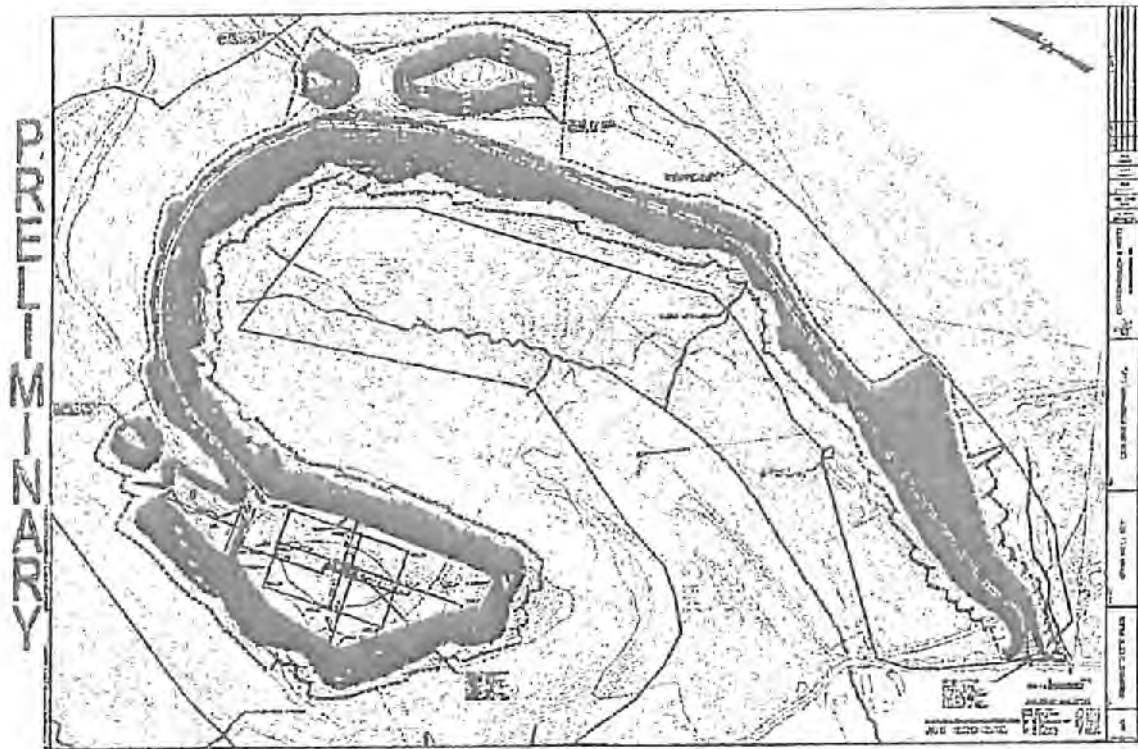
Sarah A. Owens
NOTARY PUBLIC
My Commission expires: May 19, 2018

WV Department of
Environmental Protection

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 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

Vicki Stullenbarger

 Vicki Stullenbarger

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0532

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716624
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 532
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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.

Executed this 5th day of October, 2017.

Fred C. Wise
Fred C. Wise

Alice F. Wise
Alice F. Wise

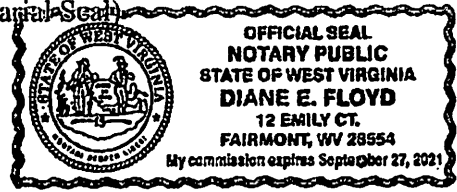
STATE OF WV
COUNTY OF Marion

The foregoing instrument was acknowledged before me on the ___ day of _____, 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.

RECEIVED
Office of Oil and Gas

APR 6 2018

(Notarial Seal)



Diane E. Floyd
NOTARY PUBLIC

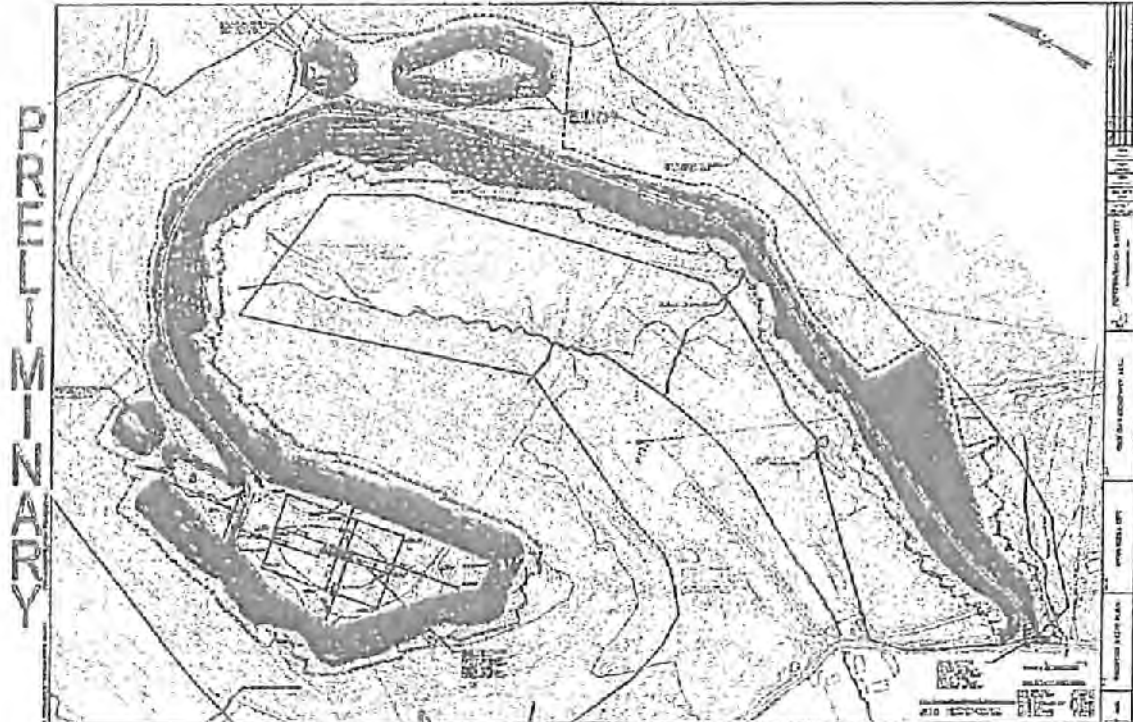
WV Department of
Environmental Protection

My Commission expires: September 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 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.

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

Monongalia County
Carve L. Blaney, Clerk
Instrument 716622
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 528
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Mary Stepelton, 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 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 H Stepelton
Mary Stepelton

STATE OF FL
COUNTY OF Bradford

The foregoing instrument was acknowledged before me on the 10th day of October, 2017 by **Mary Stepelton**.
In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)



Rachel Higgins
NOTARY PUBLIC
My Commission expires: 10/24/17

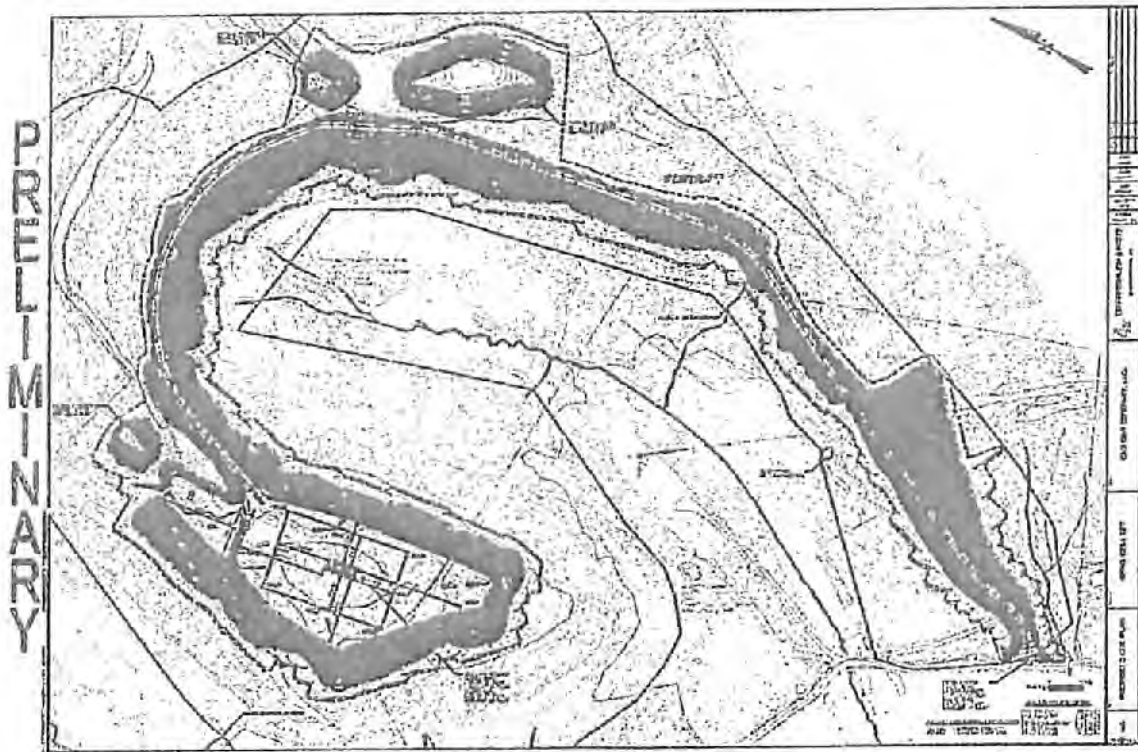
RECEIVED
Office of Oil and Gas
APR 6 2018

WV Department of Environmental Protection

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated February 11, 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
Mary Stepelton

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

VOL 00128 PG 0524

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716620
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 524
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Maureen 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.

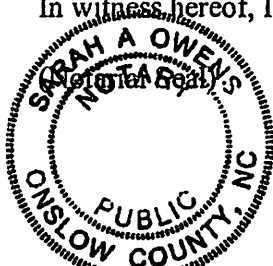
Executed this 2nd day of November, 2017.

Maureen S. Currence
Maureen S. Currence

STATE OF North Carolina
COUNTY OF Onslow

The foregoing instrument was acknowledged before me on the 2nd day of November, 2017 by Maureen S. Currence.

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



S. L. A. O.
NOTARY PUBLIC
My Commission expires: May 19, 2018

RECEIVED
Office of Oil and Gas

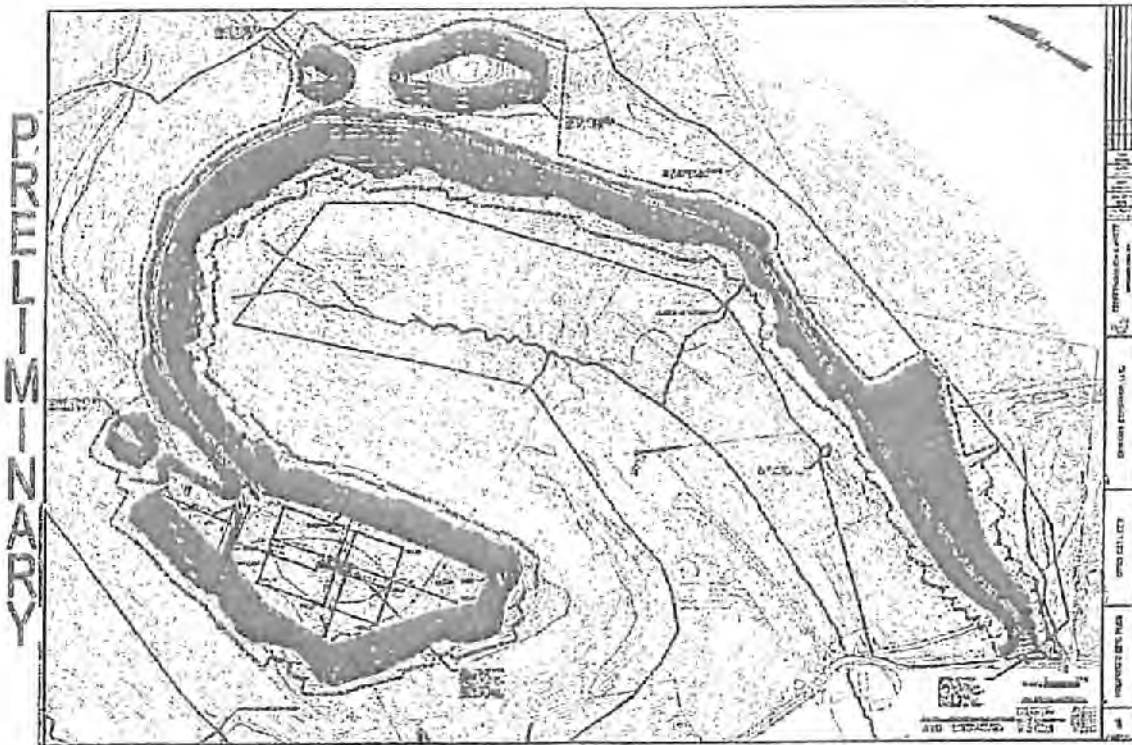
APR 6 2018

WV Dept. of Environmental Protection

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 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

Maureen S. Currence
Maureen S. Currence

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of Environmental Protection

VOL 00128 PG 0542

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

Monongalia County
Carve L. Blaney, Clerk
Instrument 716629
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 542
Pages Recorded 2
Recording Cost \$

11.00

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.

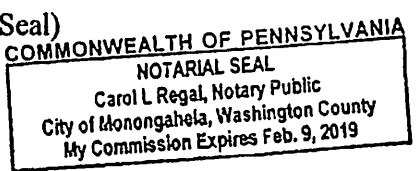
Harold M. Jones, Jr.
Harold M. Jones, Jr.

STATE OF PA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 05th day of OCTOBER, 2017 by Harold M. Jones, Jr.

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

(Notarial Seal)

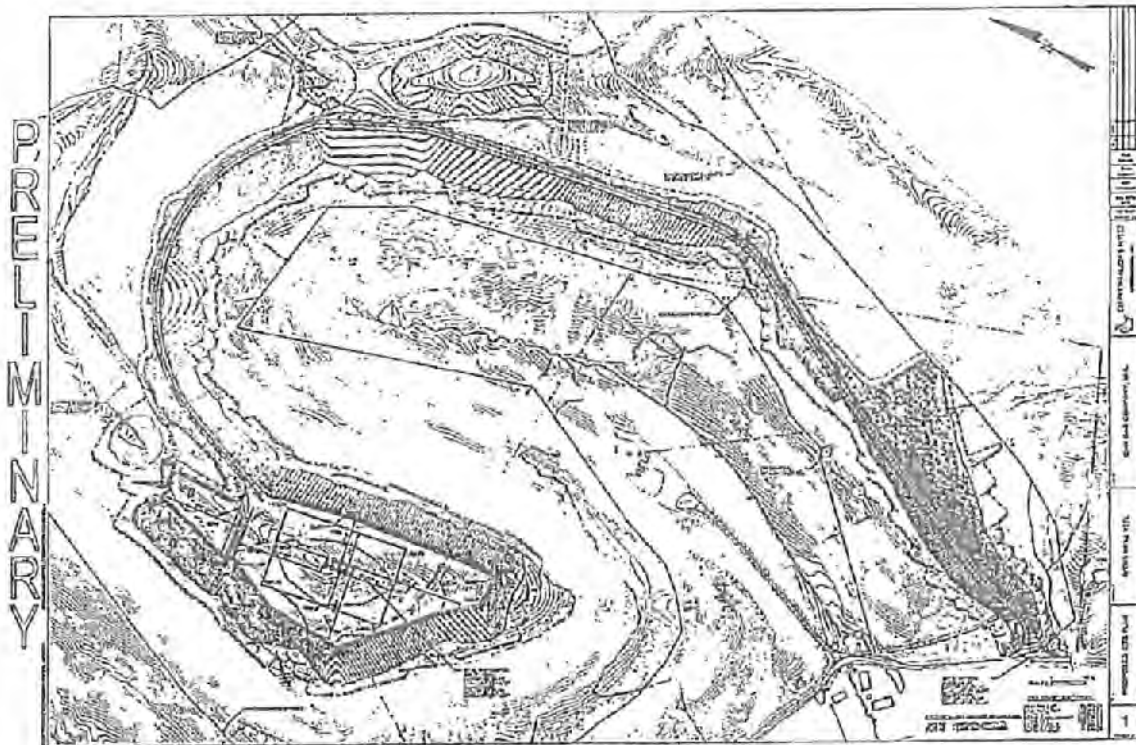


Carol L. Regal
NOTARY PUBLIC
My Commission expires: Feb. 09, 2019

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 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

Harold M. Jones, Jr.

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0538

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716627
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 538
Pages Recorded 2
Recording Cost \$

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 10 day of 5, 2017.

Robert Stewart
Robert Stewart

STATE OF Pennsylvania
COUNTY OF Greene

The foregoing instrument was acknowledged before me on the 5 day of October 2017 by Robert Stewart.

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

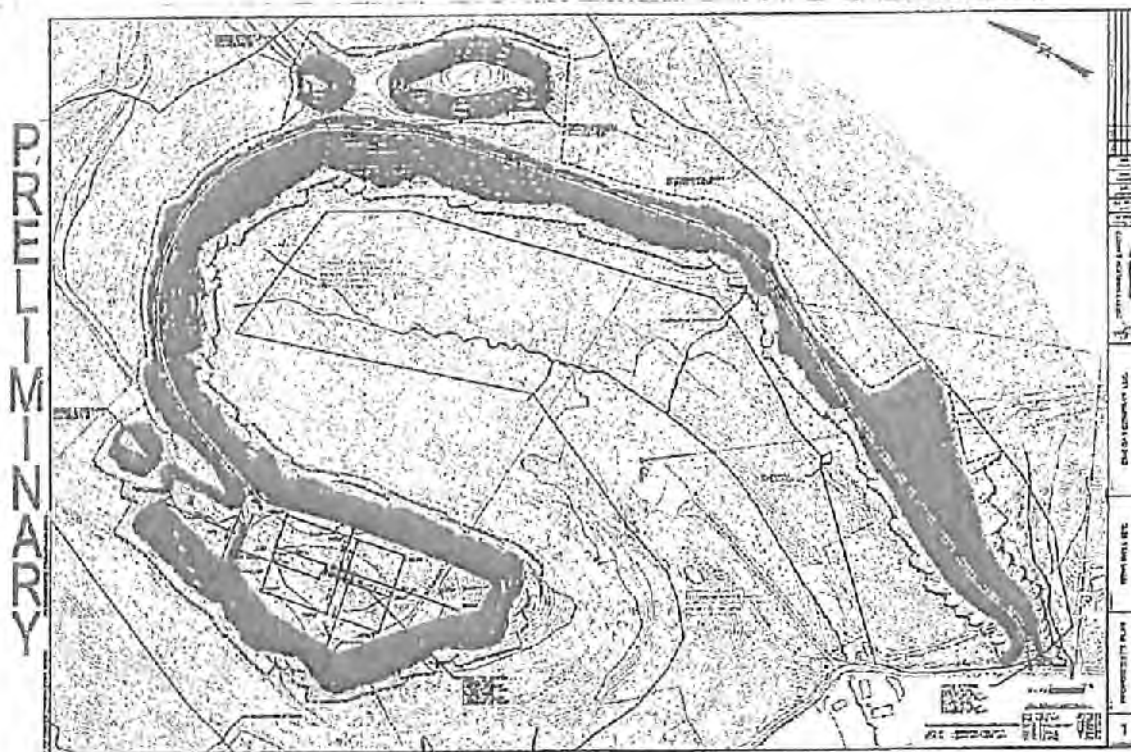
Heather L. Orndoff
NOTARY PUBLIC
My Commission expires: 4-9-19

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

Exhibit "A"

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 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

Robert Stewart

 Robert Stewart

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0516

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716616
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 516
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 Stewart
James Freeman Stewart

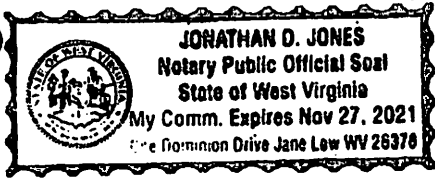
STATE OF West Virginia
COUNTY OF Mallon

The foregoing instrument was acknowledged before me on the 6th day of November, 2017 by James Freeman Stewart.

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

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

(Notarial Seal)

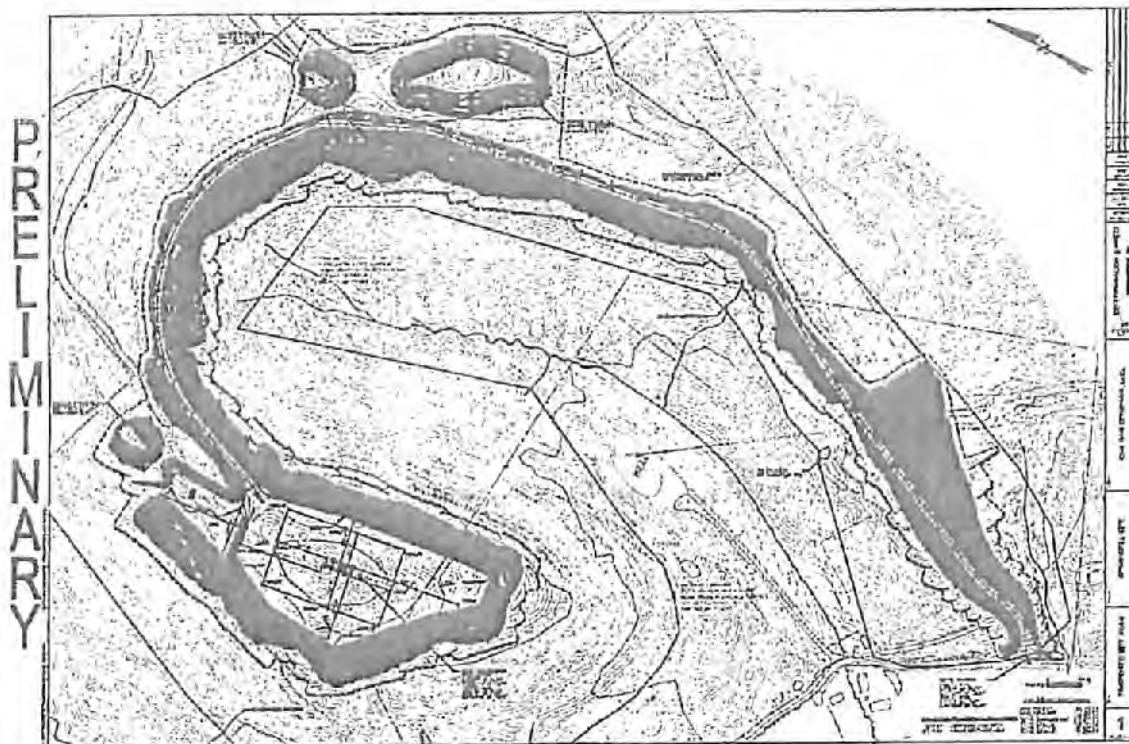


[Signature]
NOTARY PUBLIC
My Commission expires: 11/27/2021

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 James Freeman Stewart of 12104 Raritan Lane, Bowie, MD 20715, (Grantor).

Property being located in Hattelle 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

James Freeman Stewart

James Freeman Stewart

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0509

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716609
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 509
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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.

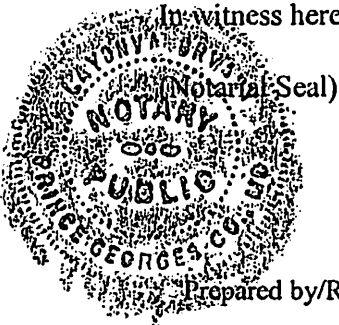
Executed this 11 day of October, 2017.

Debora Goff
Debora Goff

STATE OF Maryland
COUNTY OF Prince George's

The foregoing instrument was acknowledged before me on the 11 day of October, 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

Latonya Bryant
NOTARY PUBLIC
My Commission expires: 1-13-2020

RECEIVED
Office of Oil and Gas

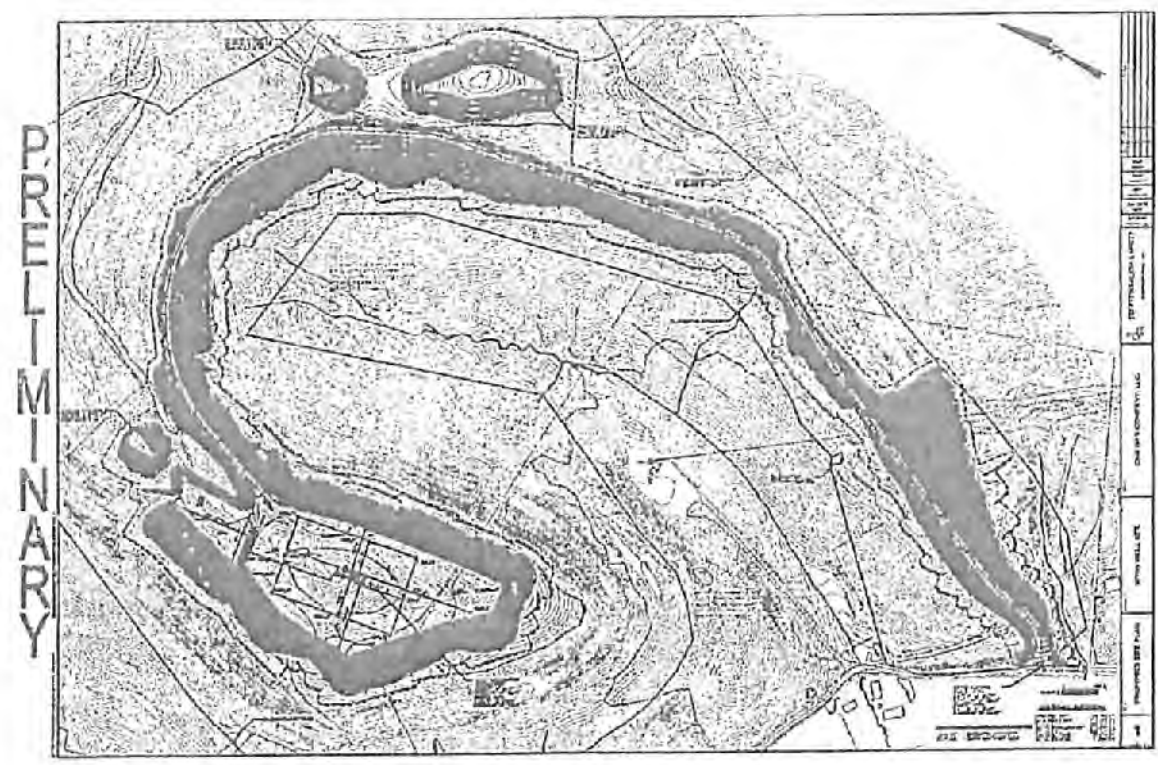
APR 6 2018

WV Department of
Environmental Protection

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 Debra Goff of 3004 Danville Road, Brandywine, MD 20613 (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



 Debra Goff

RECEIVED
 Office of Oil and Gas
 APR 6 2018
 WV Department of
 Environmental Protection

VOL 00128 PG 0544

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

Monongalia County
Carve L. Raney, Clerk
Instrument 716630
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
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.

Executed this 5 day of Oct, 2017.

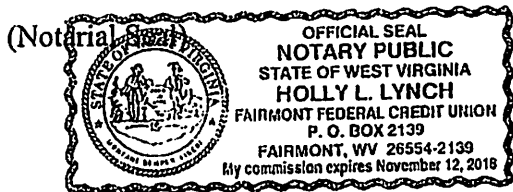
Regina Wise Myers a/k/a Violet Regina Myers
Regina Wise Myers a/k/a Violet Regina Myers

STATE OF WV
COUNTY OF Marion

The foregoing instrument was acknowledged before me on the 5th day of October, 2017 by **Regina Wise Myers a/k/a Violet Regina Myers**.

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

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

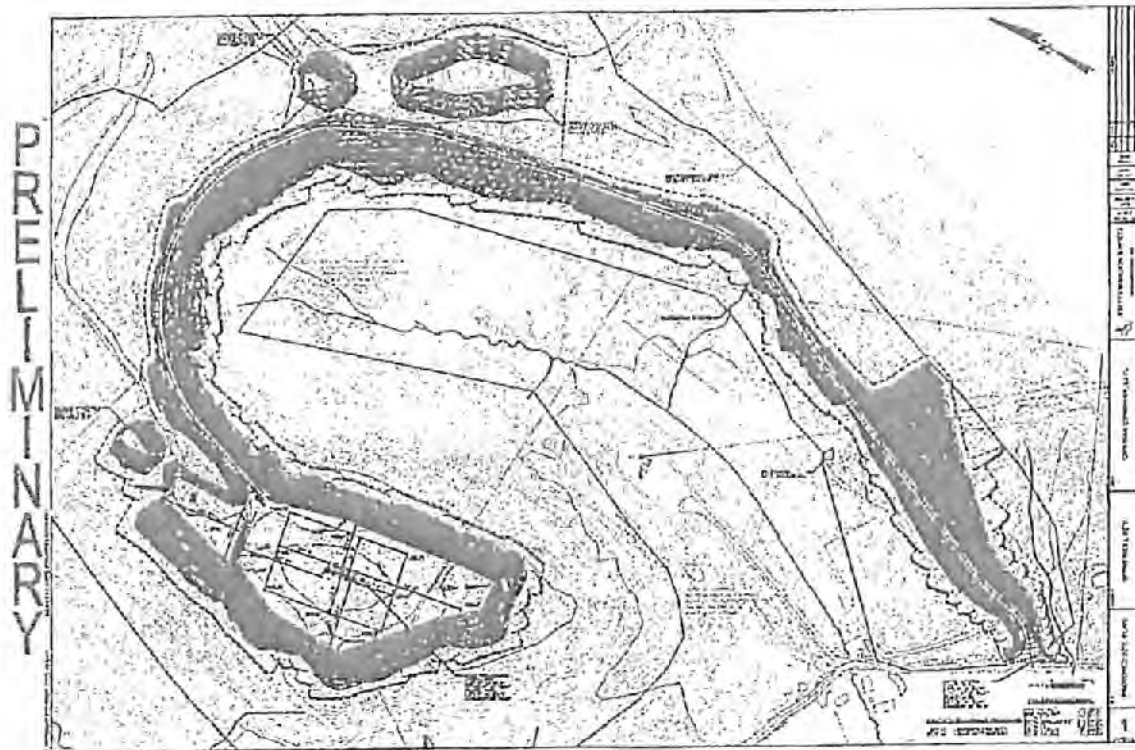


Holly Lynch
NOTARY PUBLIC
My Commission expires: Nov 12, 2018

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 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

Regina Wise Myers a/k/a Violet Regina Myers
Regina Wise Myers a/k/a Violet Regina Myers

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0540

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716628
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 540
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Thomas McCauley, 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 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.

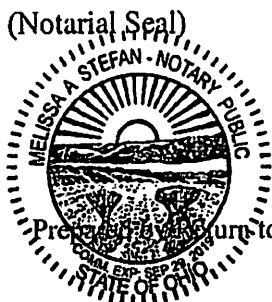
Executed this 5 day of OCT., 2017.

Thomas McCauley
Thomas McCauley

STATE OF Ohio
COUNTY OF STARK

The foregoing instrument was acknowledged before me on the 5th day of October, 2017 by **Thomas McCauley**.

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



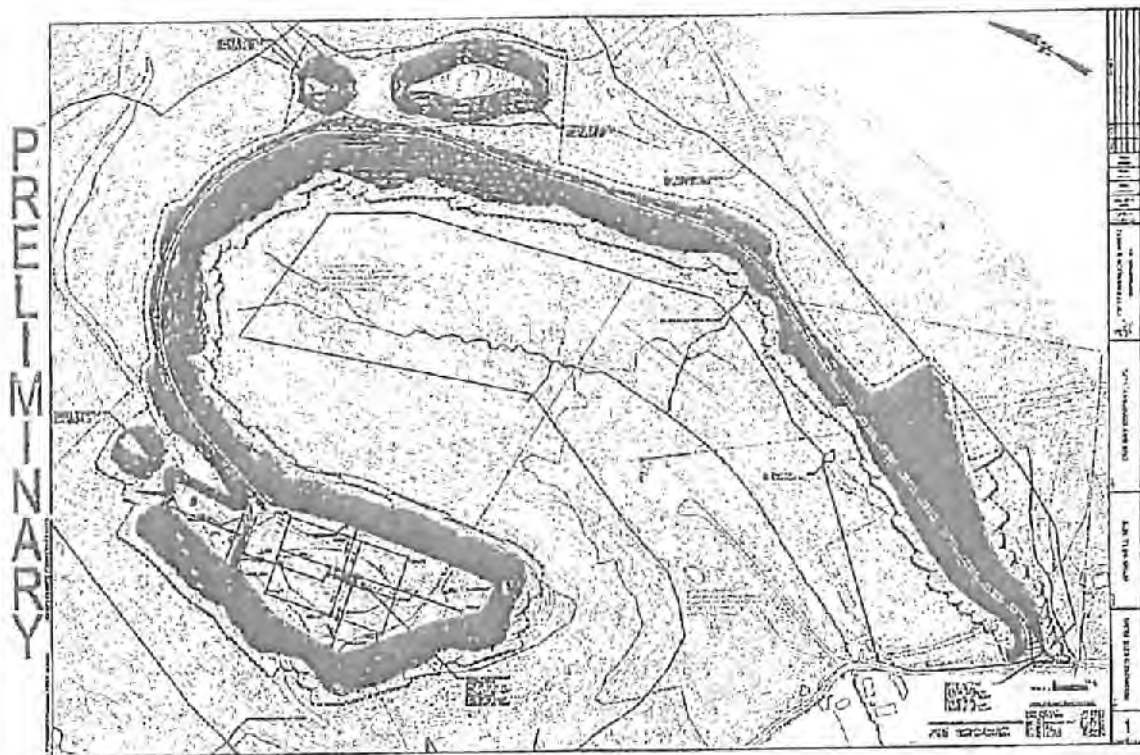
Melissa A. Stefan
NOTARY PUBLIC
My Commission expires: Sept 29, 2019

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

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 Thomas McCauley, of 220 Kennedy Street, Apt. 5, 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.

Grantor Approved

Thomas McCauley

 Thomas McCauley

RECEIVED
 Office of Oil and Gas
 APR 6 2018
 WV Department of
 Environmental Protection

VOL 00128 PG 0497

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716603
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 497
Pages Recorded 2
Recording Cost \$

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 12th day of October, 2017.

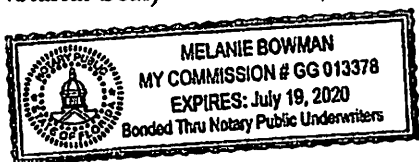
Clifford J. Wise
Clifford J. Wise

STATE OF Florida
COUNTY OF Suwannee

The foregoing instrument was acknowledged before me on the 12th day of October, 2017 by Clifford J. Wise.

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

(Notarial Seal)



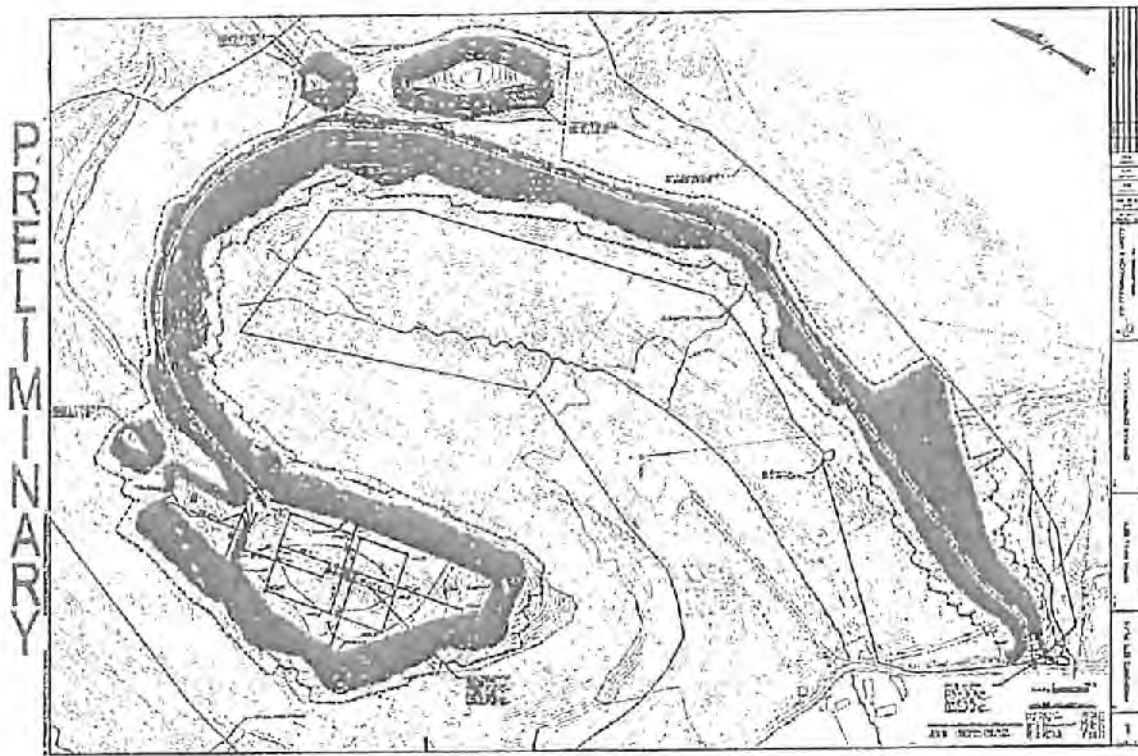
Melanie Bowman
NOTARY PUBLIC
My Commission expires: July 19, 2020
RECEIVED
Office of Oil and Gas
APR 6 2018
Department of Environmental Protection

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 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 J. Wise

 Clifford J. Wise

RECEIVED
 Office of Oil and Gas
 APR 6 2018
 WV Department of
 Environmental Protection

VOL 00128 PG 0501

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

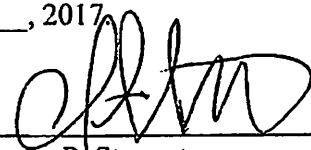
Monongalia County
Carve L. Blaney, Clerk
Instrument 716605
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 501
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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.

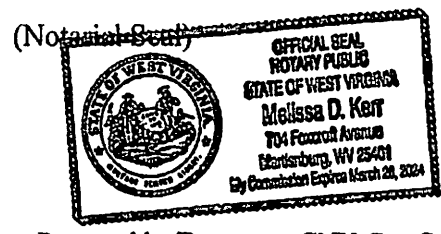
Executed this 19 day of October, 2017


Justin P. Stewart

STATE OF WV
COUNTY OF Putnam

The foregoing instrument was acknowledged before me on the 19th day of October, 2017 by Justin P. Stewart.

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




NOTARY PUBLIC
My Commission expires: 3/28/24

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

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 Justin P. Stewart, a single man, having an address at 322 W. John Street, Martinsburg, WV, 25404 (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

Justin P. Stewart

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

VOL 00128 PG 0505

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716607
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 505
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 9th day of October, 2017.

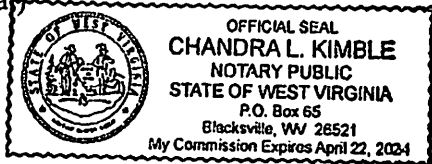
Eleanor J. Wise
Eleanor J. Wise

STATE OF West Virginia
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 9th day of October, 2017 by Eleanor J. Wise. RECEIVED
Office of Oil and Gas

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

(Notarial Seal)



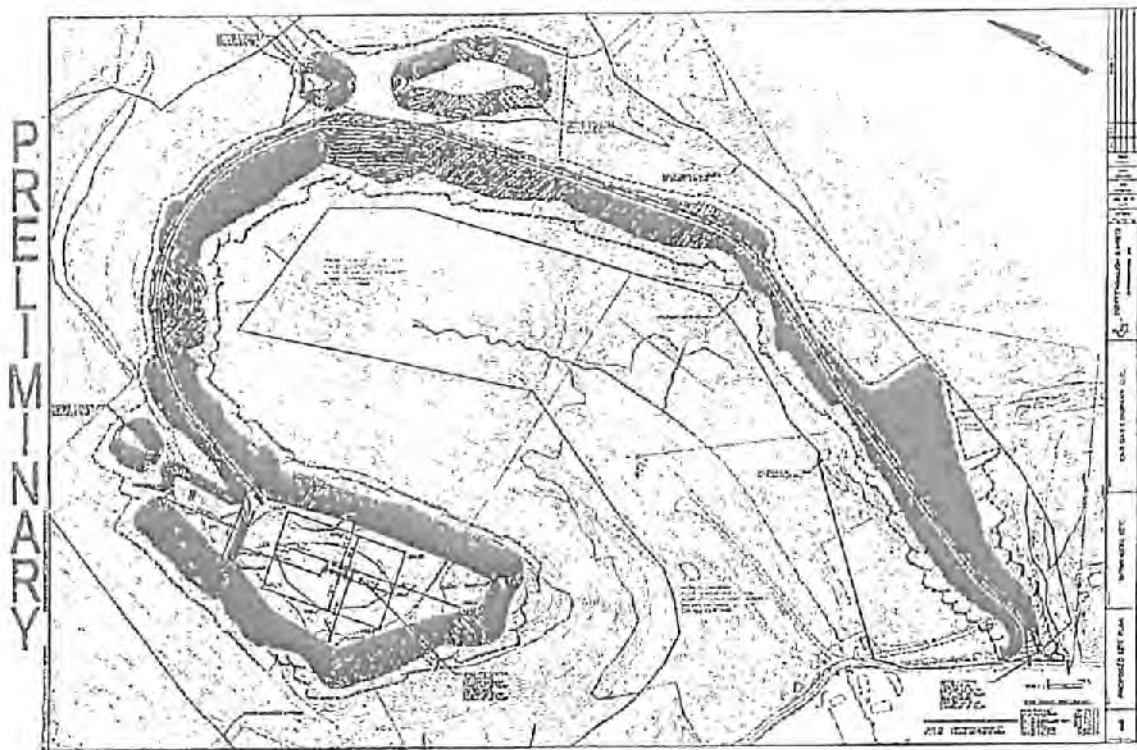
Chandra L. Kimble
NOTARY PUBLIC
My Commission expires: April 22, 2024

APR 6 2018
WV Department of
Environmental Protection

Exhibit "A"

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

Eleanor J. Wise

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of
Environmental Protection

VOL 00128 PG 0499

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716604
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 499
Pages 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:

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 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.

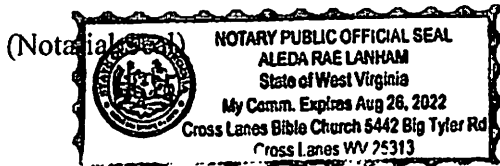
Executed this 16 day of October, 2017. Vicki Webb - POA

Victor E. Wise, by his Agent, Vicki Webb

STATE OF WEST VIRGINIA
COUNTY OF KANAWHA

The foregoing instrument was acknowledged before me on the 16 day of OCTOBER, 2017 by Victor E. Wise, by his Agent, Vicki Webb.

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



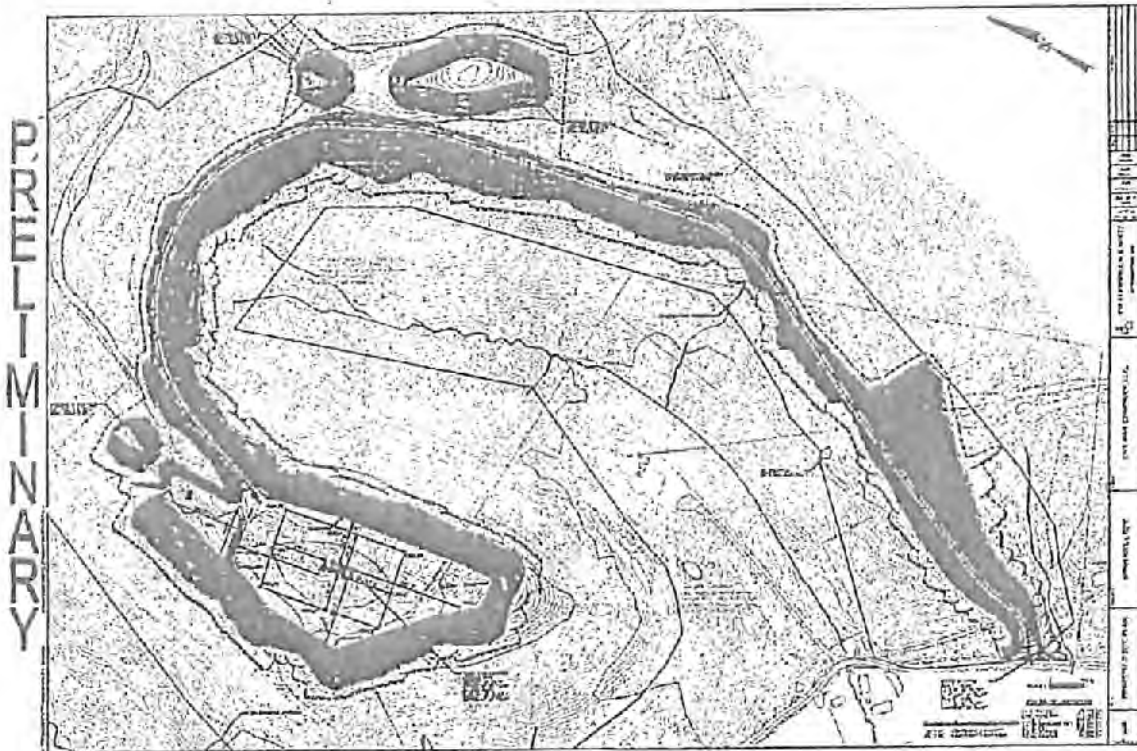
Aleda Rae Lanham
NOTARY PUBLIC
My Commission expires: AUG 26 2022

RECEIVED
Office of Oil and Gas
APR 6 2018
WV Department of Environmental Protection

Exhibit "A"

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 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

Victor E. Wise

Victor E. Wise

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Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0503

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716606
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 503
Pages Recorded 2
Recording Cost \$ 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 October, 2017.

Jesse D. Jones
Jesse D. Jones

STATE OF PA
COUNTY OF Westmoreland

The foregoing instrument was acknowledged before me on the 5th day of October, 2017 by Jesse D. Jones.

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

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Daria Renk, Notary Public
Rostraver Twp., Westmoreland County
My Commission Expires March 19, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Daria Renk
NOTARY PUBLIC
My Commission expires: 3-19-20

RECEIVED
Office of Oil and Gas

APR 6 2018

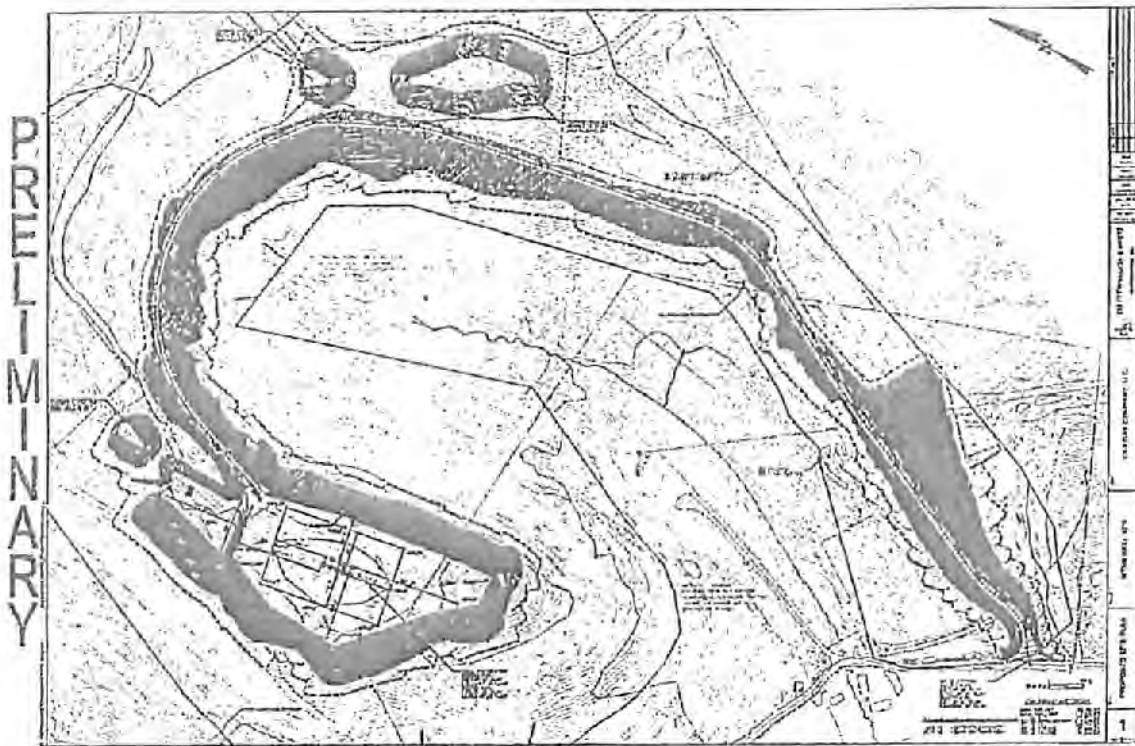
WV Department of
Environmental Protection

VOL 01543 PG 0244 VOL 00128 PG 0504

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 1/2 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

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

VOL 00128 PG 0507

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716608
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 12B @ Page 507
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 10th day of October, 2017.

Donald E. Nunley
Donald E. Nunley

STATE OF West Virginia
COUNTY OF Monongalia

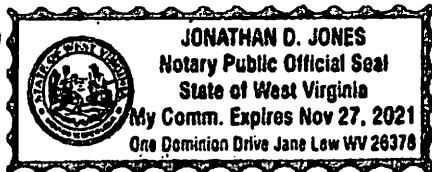
RECEIVED
Office of Oil and Gas

The foregoing instrument was acknowledged before me on the 10th day of October, APR 6 2018 2017 by Donald E. Nunley.

WV Department of
Environmental Protection

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

(Notarial Seal)

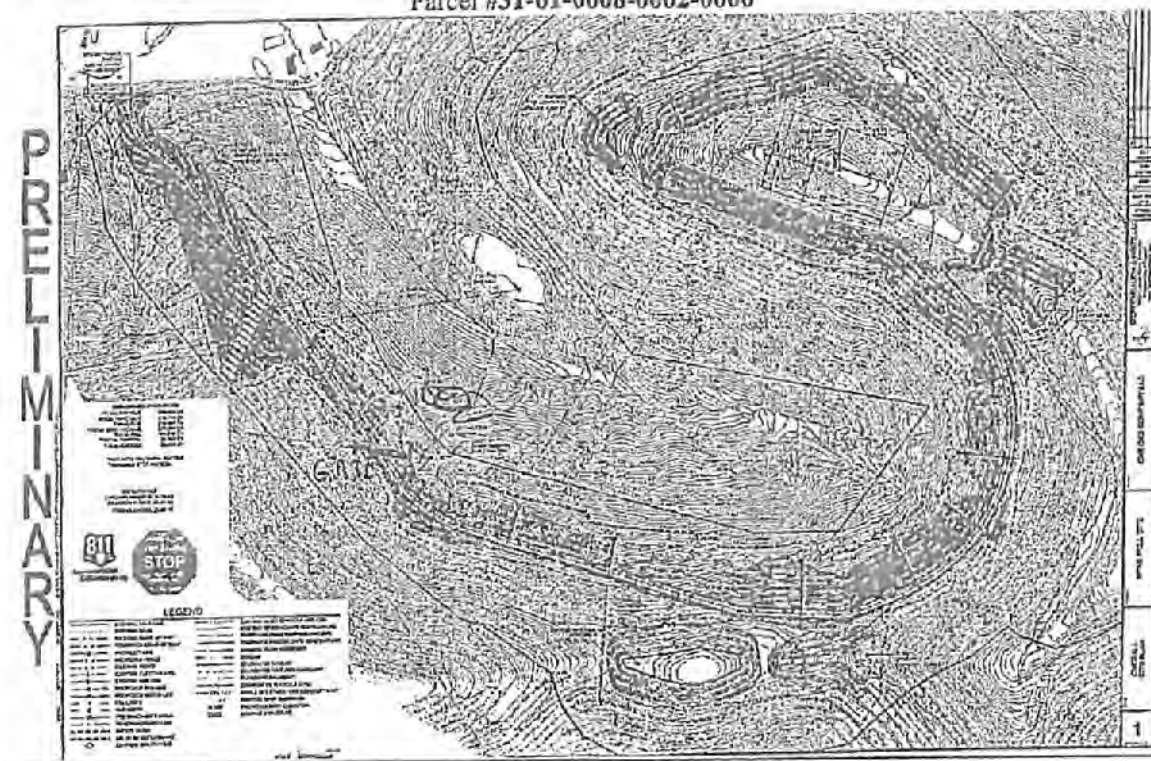


Jonathan D. Jones
NOTARY PUBLIC
My Commission expires: 11/27/2021

Exhibit "A"
6834

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
Donald E. Nunley

CNX Gas Company LLC

Timothy Surnack
Timothy Surnack, Assistant Vice President

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Department of
Environmental Protection

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

Monongalia County
Carve L. Blaney, Clerk
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:

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 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.

Executed this 5 day of October, 2017.

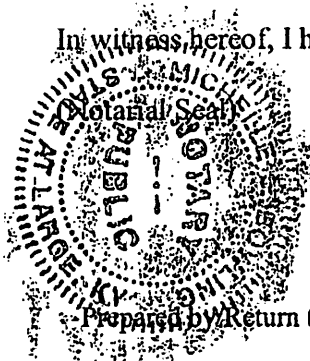
Walter C. Ord
Walter C. Ord
KYDL - 09A-439-912

STATE OF Kentucky
COUNTY OF Floyd

The foregoing instrument was acknowledged before me on the 5 day of Oct, 2017 by Walter C. Ord.

RECEIVED
Office of Oil and Gas
APR 6 2018

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



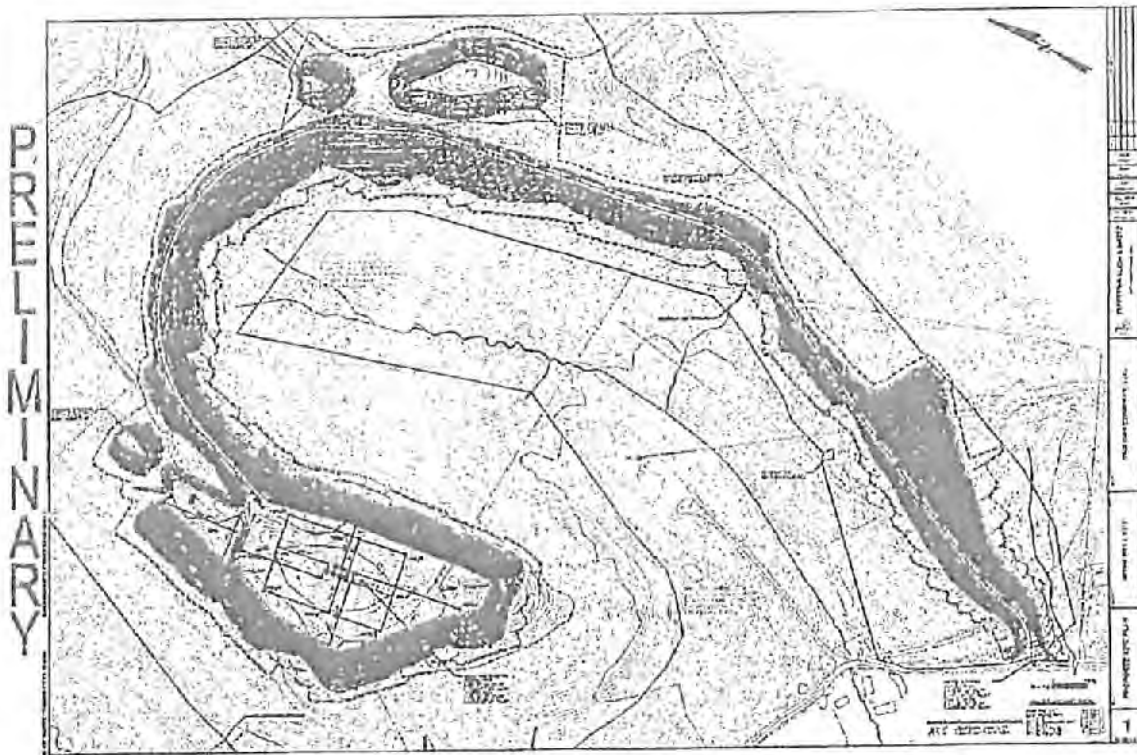
Michelle G. Goring
NOTARY PUBLIC
My Commission expires: 7/28/18

WV Department of
Environmental Protection

Exhibit "A"

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 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

Walter C. Ord

Walter C. Ord

RECEIVED
Office of Oil and Gas

APR 6 2018

WV Dept. of Environment & Protection

VOL 00128 PG 0511

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716610
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 511
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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**");
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 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 05 day of Oct, 2017.

Phyllis J. Petrosky
Phyllis J. Petrosky

STATE OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 5 day of October, 2017 by Phyllis J. Petrosky.

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APR 6 2018
WV Department of
Environmental Protection

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

(Notarial Seal)

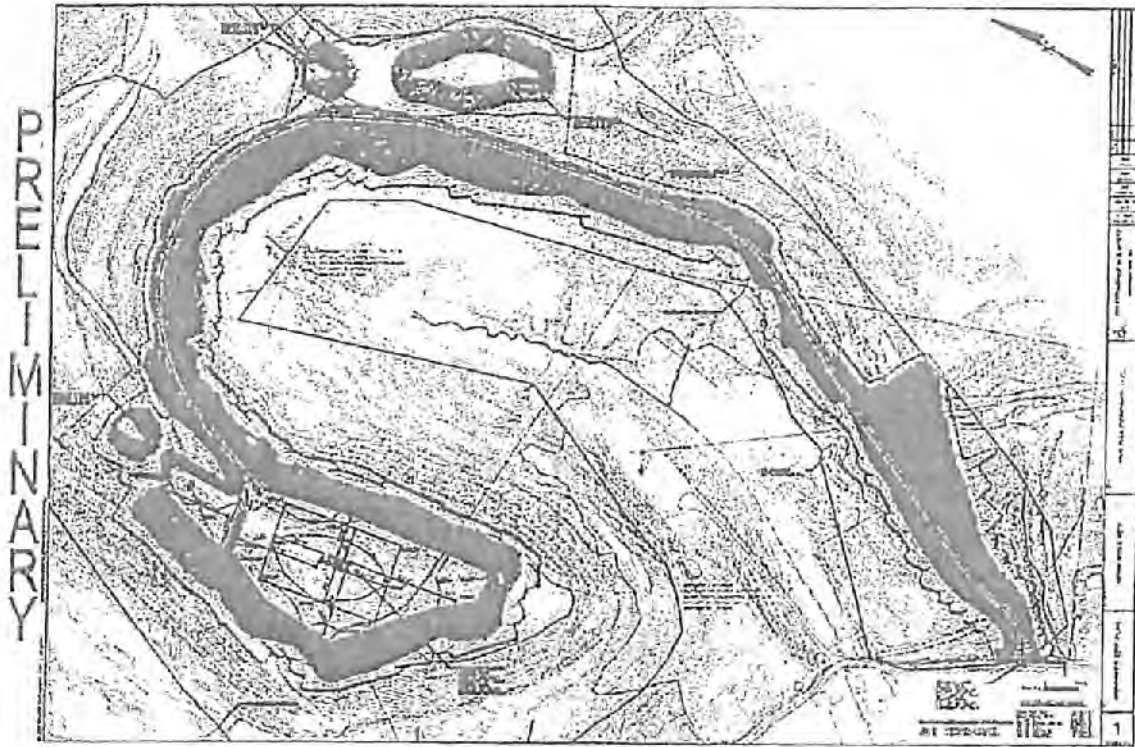
COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Mary Ann Russell, Notary Public
City of Monongahela, Washington County
My Commission Expires Oct. 15, 2018

Mary Ann Russell
NOTARY PUBLIC
My Commission expires: 10-15-2018

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 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

Phyllis J. Petrosky

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WV Department of
Environmental Protection

VOL 00128 PG 0486

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716598
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 486
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 6th day of October, 2017.

Patricia J. Mumaw
Patricia J. Mumaw

Richard L. Mumaw
Richard L. Mumaw

STATE OF Ohio
COUNTY OF Wayne

The foregoing instrument was acknowledged before me on the 6th day of October, 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.

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WV Department of Environmental Protection



BLAIR HARPER
Notary Public, State of Ohio
My Comm. Expires 04/06/2022
Recorded in Ashland County

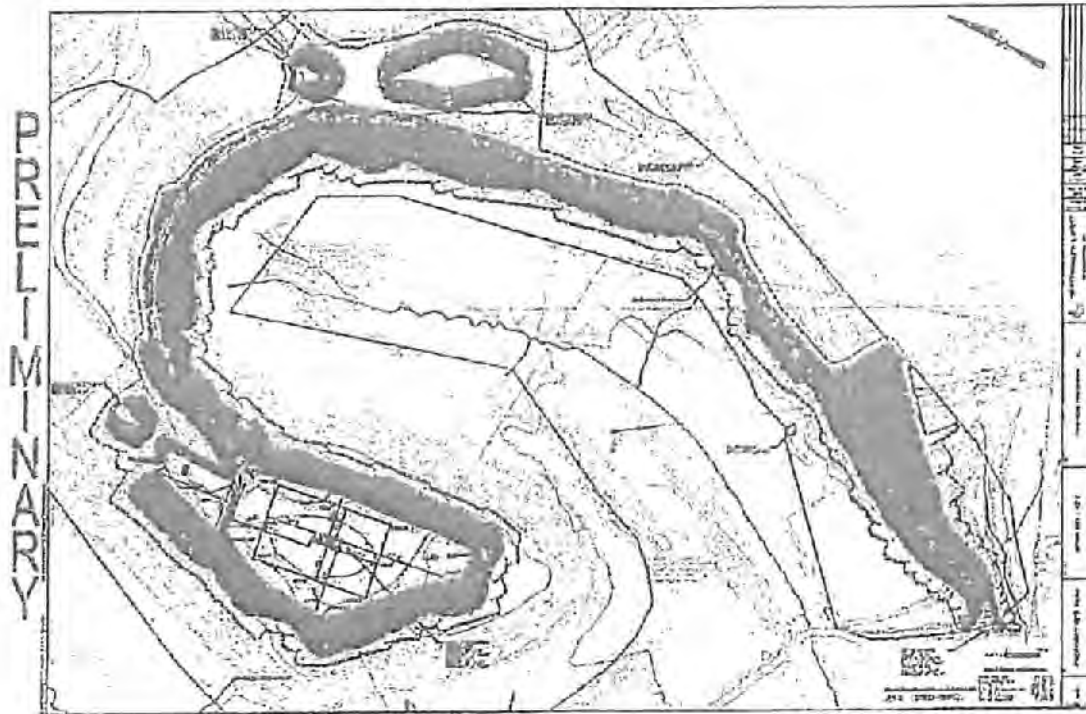
Blair Harper
NOTARY PUBLIC
My Commission expires: 4-6-22

Exhibit "A"

6835

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 Northbridge 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 J. Mumaw
 Patricia J. Mumaw

Richard L. Mumaw
 Richard L. Mumaw

CNX Gas Company LLC

[Signature]
 Timothy Surrick, Assistant Vice President

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Environmental Protection

VOL 00128 PG 0490

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716600
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 490
Pages Recorded 3
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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*");
2. 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 October, 2017.

Opal Jane Wise
Opal Jane Wise

John Matthew Wise
John Matthew Wise

Dina M. Wise
Dina M. Wise

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Office of Oil and Gas

APR 6 2018

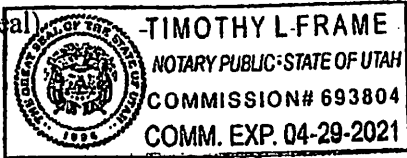
WV Department of
Environmental Protection

STATE OF Utah
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)



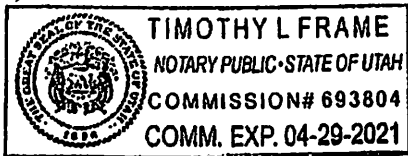
Timothy L. Frame
NOTARY PUBLIC
My Commission expires: 4-29-2021

STATE OF Utah
COUNTY OF Carbon

The foregoing instrument was acknowledged before me on the 10 day of October, 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
My Commission expires: 4-29-2021

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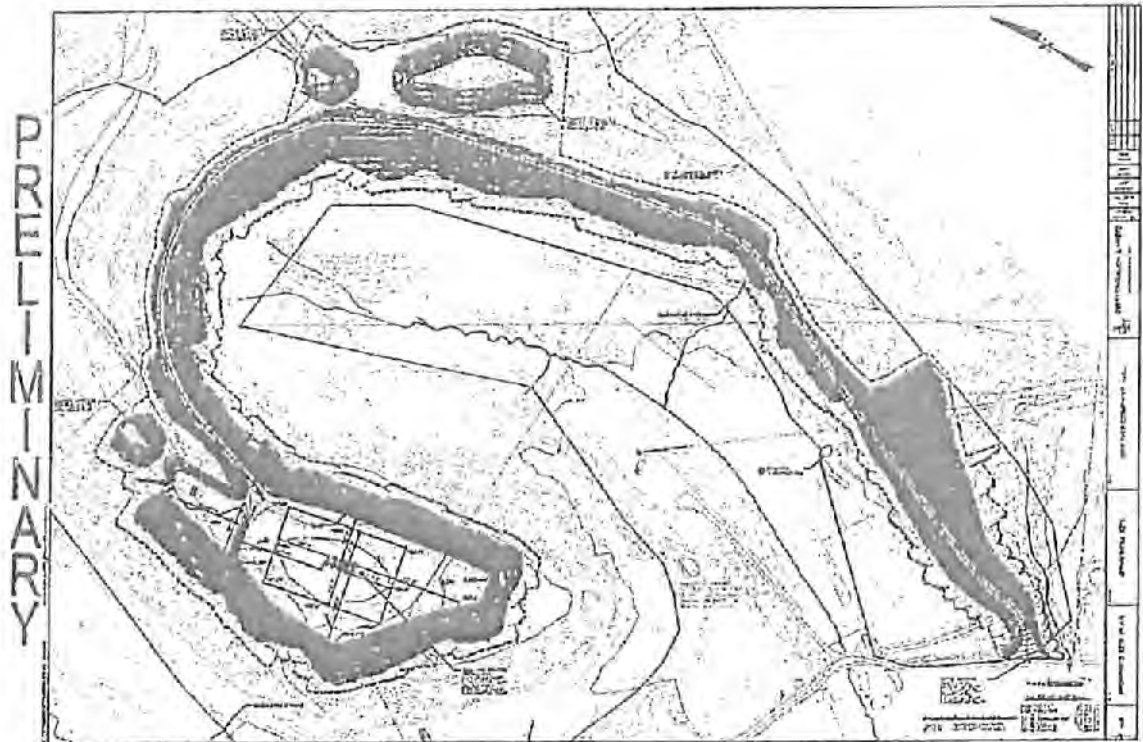
APR 6 2018

WV Department of
Environmental Protection

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated Feb. 06, 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 Wise
John Matthew Wise
Dina M. Wise

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 APR 6 2018
 WV Department of
 Environmental Protection

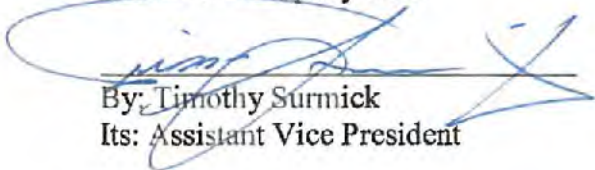
CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, CNX Gas Company LLC ("CNX"), hereby certifies that:

1. 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 Surnick
Its: Assistant Vice President

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 29th day of March, 2018 by **Timothy Surnick**, 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

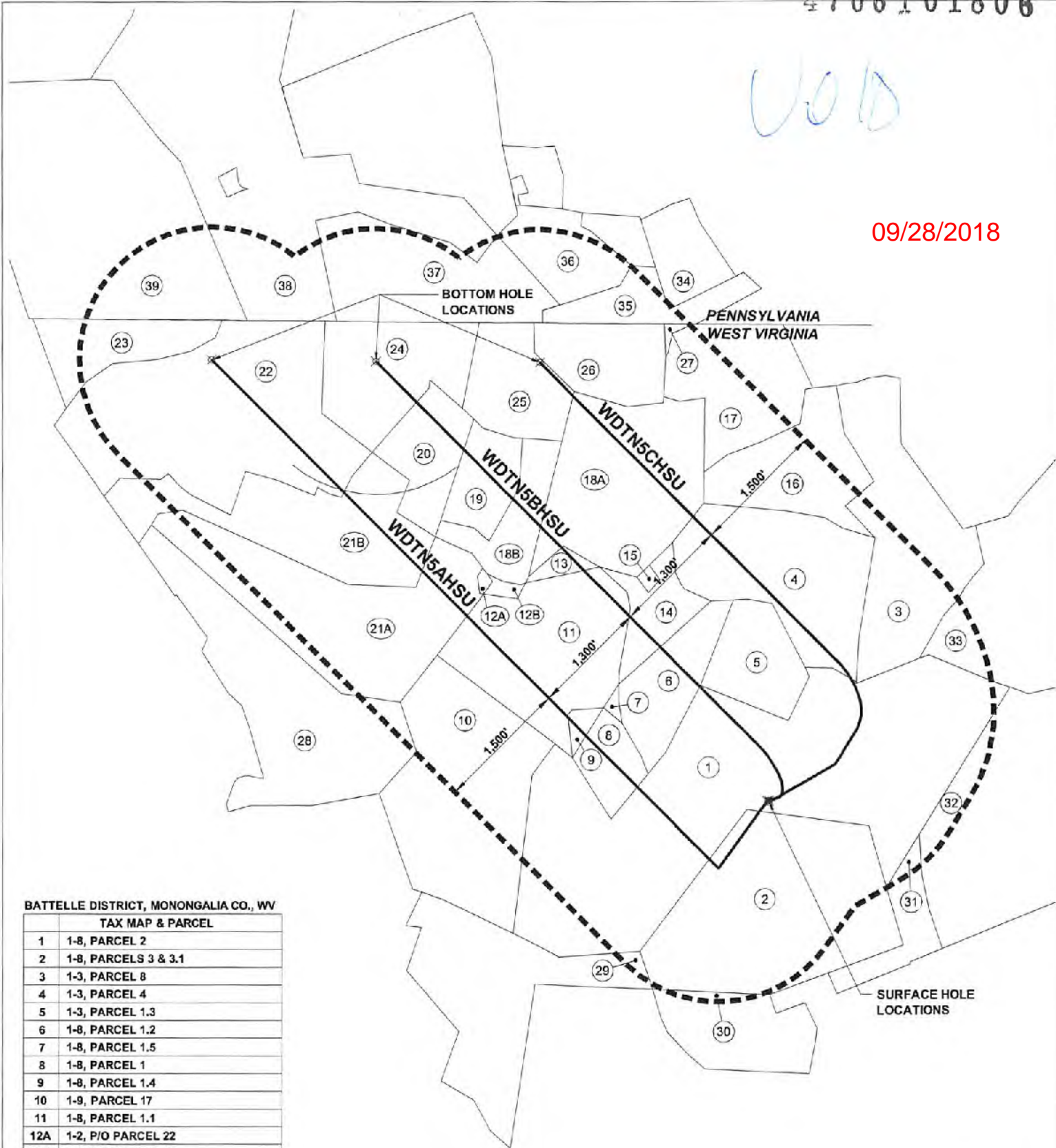

NOTARY PUBLIC
My commission expires 3-12-2019

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UOB

09/28/2018



BATTELLE DISTRICT, MONONGALIA CO., WV

TAX MAP & PARCEL	
1	1-8, PARCEL 2
2	1-8, PARCELS 3 & 3.1
3	1-3, PARCEL 8
4	1-3, PARCEL 4
5	1-3, PARCEL 1.3
6	1-8, PARCEL 1.2
7	1-8, PARCEL 1.5
8	1-8, PARCEL 1
9	1-8, PARCEL 1.4
10	1-9, PARCEL 17
11	1-8, PARCEL 1.1
12A	1-2, P/O PARCEL 22
12B	1-2, P/O PARCEL 22
13	1-2, PARCEL 24
14	1-8, PARCEL 3.1
15	1-3, PARCEL 3
16	1-3, PARCEL 5
17	1-3, PARCEL 6
18A	1-3, P/O PARCEL 2
18B	1-3, P/O PARCEL 2
19	1-2, PARCEL 21
20	1-2, PARCELS 18 & 18.1
21A	1-2, PARCELS 16, 16.2, 17, & 17.1
21B	1-2, PARCELS 17 & 17.1
22	1-2, PARCEL 14
23	1-2, PARCEL 13
24	1-2, PARCEL 19
25	1-2, PARCEL 20
28	1-3, PARCEL 1
29	1-9, PARCEL 41
30	1-8, PARCEL 5
31	1-8, PARCEL 14
32	1-8, PARCEL 17
33	1-3, PARCEL 9


GILMORE TOWNSHIP, GREENE CO., PA

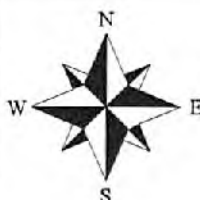
TAX MAP & PARCEL	
34	9-4, P/O PARCEL 106
35	9-4, P/O PARCEL 106
36	9-3, PARCEL 142
37	9-3, PARCEL 141
38	9-3, PARCEL 138
39	9-3, PARCEL 136

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————— WDTN5 UTICA WELL
 LIMITS OF 1500' WELL BUFFER



Wadestown Project Area
WDTN5AHSU, WDTN5BHSU & WDTN5CHSU
Horizontal Utica Wells
Operators within 1,500 Feet of Boreholes
 Battelle District, Monongalia County, WV
 Gilmore Township, Greene County, PA



1000 Consol Energy Drive
 Canonsburg, PA. 15317-6506

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 © 2018 CNX Resources Corporation

Orig. Date: 03/15/18 Prepared by: JJD
 Rev. Date: Checked by:
 Rev. Date: Approved by:

Comments:



09/28/2018

XXXX Laterals- Utica Operator Notices

Tract #	Title #	TMP #	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
18A	205498000	P/O 1-3-2	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			Victor A. White	78 Bedington Rd, Martinsburg, WV 25404
			Melinda Reid Hatton	1618 N. Lexington St. Apt. 3A, Arlington, VA 22205
			Dennis F. Hatton Jr.	7615 Glenolden Place, Manassas, VA 20111
18B	204777000	P/O 1-3-2	Amanda Hatton	7615 Glenolden Place, Manassas, VA 20111
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			Victor A. White	78 Bedington Rd, Martinsburg, WV 25404
			Melinda Reid Hatton	1618 N. Lexington St. Apt. 3A, Arlington, VA 22205
19	204778000	1-2-21	Dennis F. Hatton Jr.	7615 Glenolden Place, Manassas, VA 20111
			Amanda Hatton	7615 Glenolden Place, Manassas, VA 20111
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
20	188580000 204779000	1-2-18, 1-2-18.1	Kent P. Prochazka	3121 English Oaks Blvd., Pearland, TX 77584
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
21A	188578000	1-2-16, 1-2-16.2, 1-2-17, & 1-2-17.1	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			EQT Production Company	625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222
			XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
			Kelly Dillbeck	288 Milkweed Dr., Allentown, PA 18104
			John Pelger	1863 W 16th Ave, Friendship, WI 53934
21B	239935000	1-2-17, 1-2-17.1	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
			XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
			Kelly Dillbeck	288 Milkweed Dr., Allentown, PA 18104
22	188577000	1-2-17, 1-2-17.1	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
			XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
23	188610000	1-2-13	Kelly Dillbeck	288 Milkweed Dr., Allentown, PA 18104
24	204780000	1-2-19	John Pelger	1863 W 16th Ave, Friendship, WI 53934
25	239936000	1-2-20	Holly Pelger	1863 W 16th Ave, Friendship, WI 53934
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
28	188598000	1-9-16	CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			XTO Energy, Inc.	810 Houston St., Ft. Worth, TX 76102
			CNX Gas Company LLC	1000 CONSOL Energy Drive, Canonsburg, PA 15317
			Regis V. Provance and Bonnie M. Provance	384 Park St., Uniontown, PA 15401
			Gail T Belucci	11 Garfield Ave., North Haven, CT 06473

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29	204517000	1-9-41, 1-9-44	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
			Anne W. Haning	2 America Ave., Wheeling, WV 26003
			Catherine G. Haning	99 Lynwood Ave., Wheeling, WV 26003
			Zachary C. Haning	3354 Palmer Drive, Rocky River, OH 44116
			Barbara Haning	10801 Westland Dr., Knoxville, TN 37922
			Kathleen Farmer	1912 Clark Ln. Apt. 1, Redondo Beach, CA 90278
			A.E. Hennen III	472 Kenilworth Ave., Elmhurst, IL 60126
			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
			Barbara Thomas	125 Meeting Ave., Georgiana, AL 36033
			Betty Macale	2834 8th St., Cuyahoga Falls, OH 44221
			Jane Fulton	106 Aspen Hollow Ct., Cary, NC 27518
			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
			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
			Julie Griffiths	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			
Lisa Craig	504 Bonnie Dr., Harker Heights, TX 76548			
Phillip Ronald Laws	462 Bill West Rd., Limestone, TN 37681			
Glynis Lane Marion	127 Chapel St., Greenville, TN 37743			
Larry J. Miller, Jr.	114 Cox Cir., Apt. B, Greenville, TN 37743			
Pat Miller	13108 Kumar Ct., Woodbridge, VA 22193			
Kris Laws Miller	15118 Concord Dr., Woodbridge, VA 22193			
Raymond Wayne Frye	264 Moore Rd. Apt. 5F, 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
			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
			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
			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 Jollytown 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	9-3-136 (PA)	Vantage Energy Appalachia LLC	116 Inverness Drive East, Suite 107, Englewood, CO 80112
			Vantage Energy Appalachia II LLC	116 Inverness Drive East, Suite 107, Englewood, CO 80112

2011

09/28/2018

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

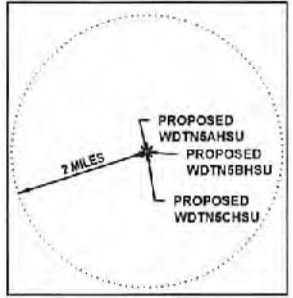
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WV Department of
Environmental Protection

VOID

SHL is located on topo map 640 feet south of Latitude: 39° 42' 30"
BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00"



DETAIL UTICA WELLS WITHIN 2 MILE RADII SCALE 1" = 15,000'

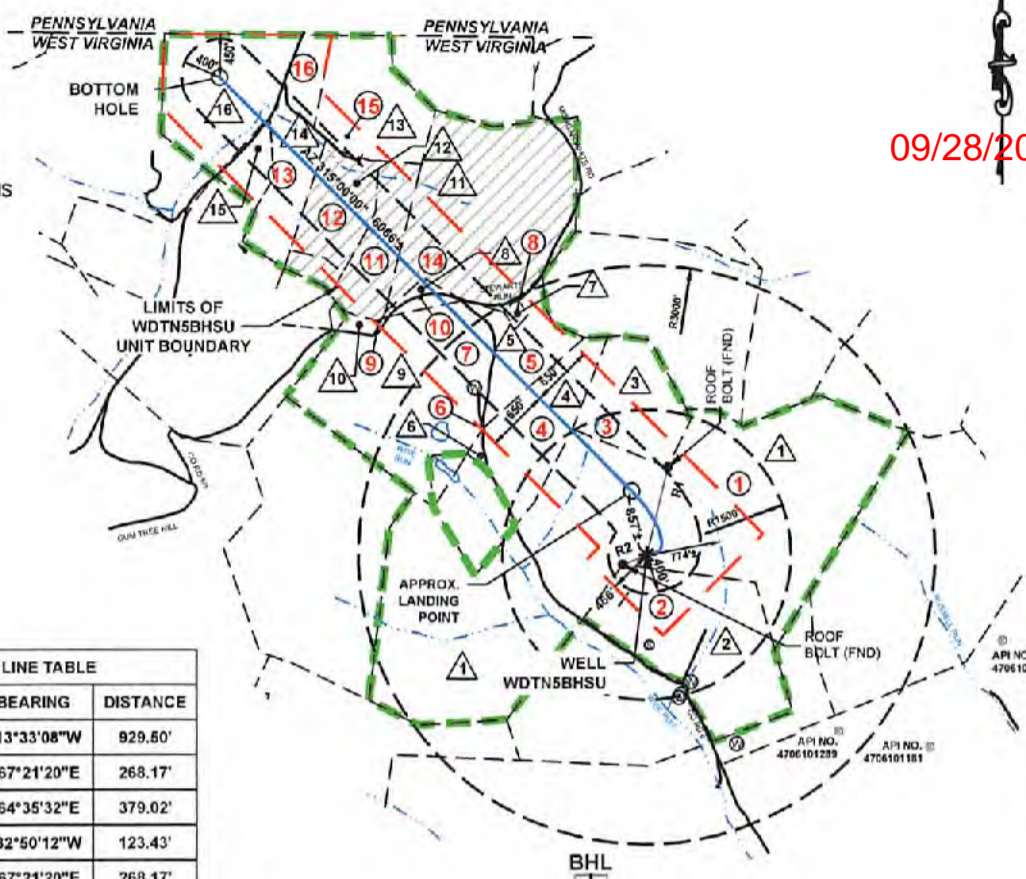
SURFACE HOLE LOCATION (SHL)
UTM 17 - NAD83(M)
N: 4395400.802
E: 559826.284
NAD27 - WV NORTH
N: 440530.826
E: 1764427.453
LAT/LON - NAD83
LAT: 39°42'23.671"
LON: 80°20'13.575"

APPROXIMATE LANDING POINT
UTM 17 - NAD83(M)
N: 4395601.605
E: 558775.394
NAD27 - WV NORTH
N: 441192.522
E: 1784271.452
LAT/LON - NAD83
LAT: 39°42'30.197"
LON: 80°20'15.649"

BOTTOM HOLE LOCATION (BHL)
UTM 17 - NAD83(M)
N: 4395886.550
E: 555449.854
NAD27 - WV NORTH
N: 445481.671
E: 1759982.309
LAT/LON - NAD83
LAT: 39°43'12.188"
LON: 80°21'11.050"

LINE TABLE

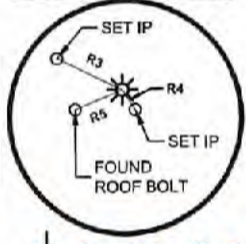
LINE #	BEARING	DISTANCE
R1	S13°33'08"W	929.60'
R2	N67°21'20"E	268.17'
R3	S64°35'32"E	379.02'
R4	N32°50'12"W	123.43'
R5	N67°21'20"E	268.17'



09/28/2018

SHL is located on topo map 1,060 feet west of Longitude: 80° 20' 00"
BHL is located on topo map 5,468 feet west of Longitude: 80° 20' 00"

REFERENCE DETAIL



MINERAL TRACT BOUNDARY = 690.077 ACRES
UNIT BOUNDARY = 240.385 ACRES

LEGEND

	TOPO MAP POINT		ALL ARE POINTS UNLESS OTHERWISE NOTED
	PROPOSED WELL		LEASE BOUNDARY
	WATER SOURCE		UNIT BOUNDARY
	SPRING		PROPOSED HORIZONTAL WELL
	SURFACE TRACT		SURFACE OIL & GAS LINES
	LEASED NUMBER BASED ON ATTACHED WDTN5B		GAS LEASE LINES ONLY
	WELLS WITHIN 3000' RECORD GAS WELL		WELL REFERENCE
			STREAM/WATERWAY
			ROAD
			FORCED POOLING AREAS

Sheffler & Company, Inc.
ENGINEERING • SURVEYING
1712 Mount Nebo Road
Sewickley, PA 15143
Phone: 412-219-4609
Email: info@shefflerCo.com

- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

FILE #: WDTN5IHSM
DRAWING #: 3601 - WDTN5B.DWG
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE: USGS MONUMENT
OF ELEVATION: JX1864: 1,496.32'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED:

R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: April 3, 2018
OPERATOR'S WELL #: WDTN5BHSU
API WELL # 47 081 01806
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

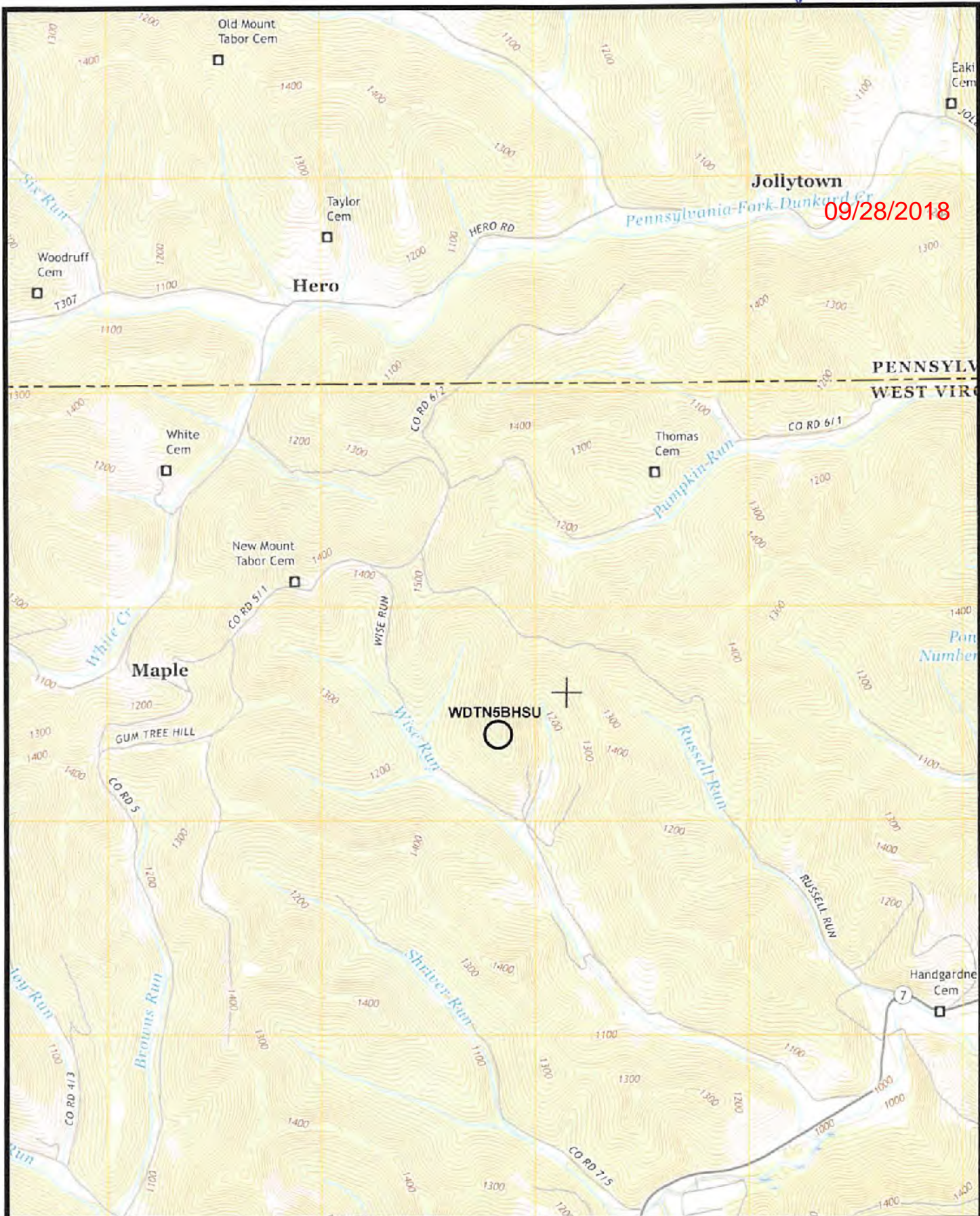
WATERSHED: DUNKARD CREEK ELEVATION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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, 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

VOID

09/28/2018



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: April 3, 2018

OPERATOR'S WELL #: WDTN5BHSU

API WELL # 47 061 01306
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV

SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36

OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
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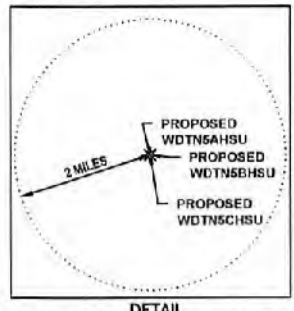
WELL OPERATOR: CNX GAS COMPANY, LLC DESIGNATED AGENT: CHRIS TURNER

Address: 1000 CONSOL ENERGY DRIVE Address: 1 DOMINION DRIVE

City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378

VOID

SHL is located on topo map 640 feet south of Latitude: 39° 42' 30" SHL
BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00" BHL



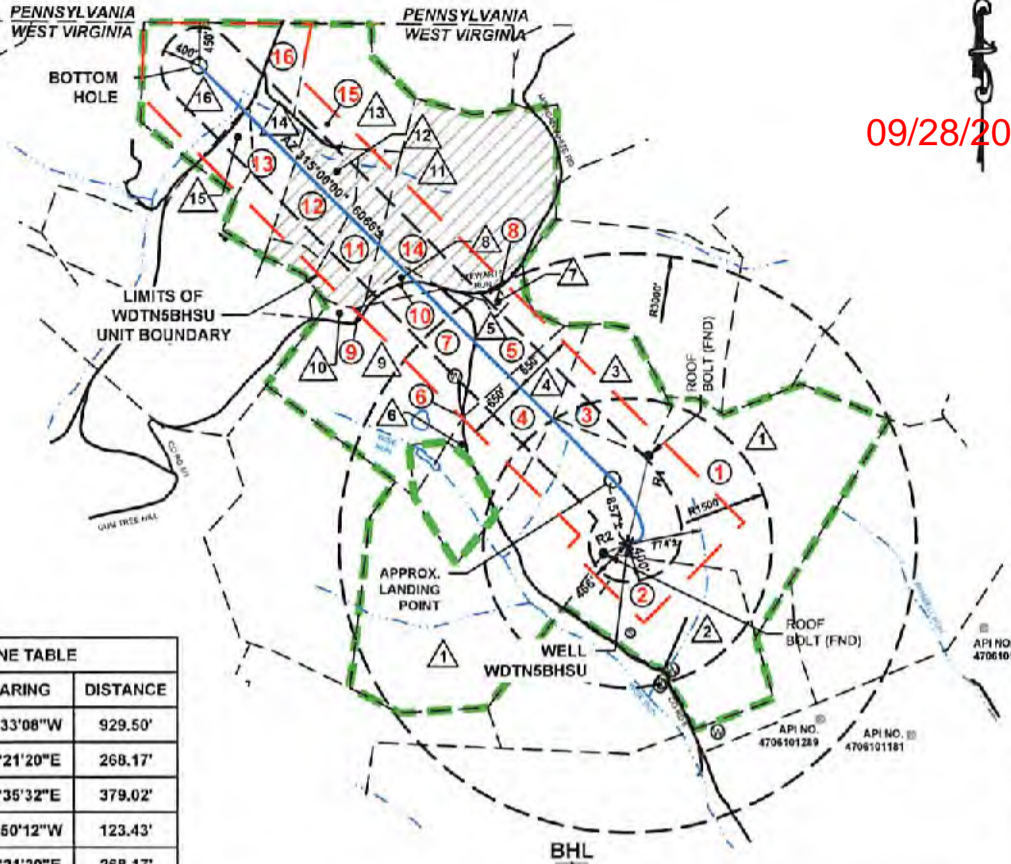
DETAIL
UTICA WELLS WITHIN 2 MILE RADIUS
SCALE 1" = 15,000'

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(M)
 N: 4395400.802
 E: 556826.284
 NAD27, VV NORTH
 N: 440530.826
 E: 1764427.453
 LAT/LON - NAD83
 LAT: 39°42'23.671"
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 LAT/LON - NAD83
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 N: 4396886.550
 E: 555445.854
 NAD27, VV NORTH
 N: 445481.871
 E: 1759982.309
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 LAT: 39°43'12.188"
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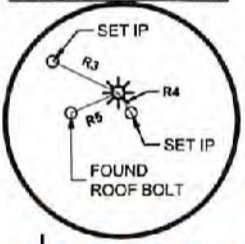
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REFERENCE DETAIL



MINERAL TRACT BOUNDARY = 590.077 ACRES
UNIT BOUNDARY = 240.385 ACRES

LEGEND

	TOPO MAP POINT		PROPOSED WELL		WATER SOURCE		SPRING		SURFACE TRACT		LEASED NUMBER BASED ON ATTACHED WDTN5B		WELLS WITHIN 3000'		RECORD GAS WELL		FORCED POOLING AREAS		
	ALL ARE POINTS UNLESS OTHERWISE NOTED		LEASE BOUNDARY		UNIT BOUNDARY		PROPOSED HORIZONTAL WELL		SURFACE OIL & GAS LINES		SURFACE TRACT LINES ONLY		GAS LEASE LINES ONLY		WELL REFERENCE		STREAM/WATERWAY		ROAD

- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
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Sheffler & Company, Inc.
ENGINEERING • SURVEYING
1712 Mount Nebo Road
Sewickley, PA 15143
Phone: 412-219-4509
Email: info@shefflerco.com

FILE #: WDTN5IHSM
 DRAWING #: 3601 - WDTN5B.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX1864: 1,496.32'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
 R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: April 3, 2018
 OPERATOR'S WELL #: WDTN5BHSU
 API WELL # 47 061 01806
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 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, 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

VOID

WDTN5BHSU UNIT = 240.385 ACRES TOTAL		
BATTELLE DISTRICT		
#	TAX MAP & PARCEL	UNIT ACRES
1	1-8, P/O PARCEL 2	48.599 Ac
2	1-8, P/O PARCEL 3.1	9.690 Ac
3	1-8, P/O PARCEL 1.3	11.442 Ac
4	1-8, P/O PARCEL 1.2	18.345 Ac
5	1-3, P/O PARCEL 3.1	14.395 Ac
6	1-8, P/O PARCEL 1.5	0.004 Ac
7	1-8, P/O PARCEL 1.1	19.419 Ac
8	1-3, PARCEL 3	0.923 Ac
9	1-2, P/O PARCEL 22	0.061 Ac
10	1-2, PARCEL 24	3.287 Ac
11	1-3, P/O PARCEL 2	15.564 Ac
12	1-2, P/O PARCEL 21	17.163 Ac
13	1-2, P/O PARCELS 18 & 18.1	18.298 Ac
14	1-3, P/O PARCEL 2	19.113 Ac
15	1-2, P/O PARCEL 20	5.369 Ac
16	1-2, P/O PARCEL 19	38.713 Ac

SURFACE TRACT OWNERS & TAX PARCEL		
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# 1-8-1.3
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# 1-8-1.1
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.	ROY L HALL	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																			
		Thomas E. McCauley																			
		Richard L. McCauley																			
		Judy A. Eckman																			
		Robert Stewart																			
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen																			
		Clifford J. Wise																			
		Regina Wise Myers AKA Violet Regina Myers																			
		Eleanor J. Wise																			
		Walter C. Ord																			
		James Freeman Stewart																			
		Victor E. Wise																			
		Zelda Ruth Grummage																			
		Evalee A. Everly Shaheen																			
		Dexter Murie Stewart																			
2	1-8-3.1	Justin P. Stewart	BARBARA J WAGNER																		
		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 Stoppelton and Donald Stoppelton																			
		3		1-8-1.3	Jane Irons	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART															
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																					
Becky Bortnick Hawkins																					
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. 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																					
CBC Holdings, LLC																					
Edward L. Thomas and Diana Lee Thomas																					
David Wayne Thomas																					
Dorothy L. Stewart and Harold L. Stewart Jr.																					
4	1-8-1.2	Earl W. Kennedy	DAVID W & ELIZABETH K DEATON																		
		CBC Holdings, LLC																			
		David W. Deaton and Elizabeth K. Deaton																			
		Earl W. Kennedy																			
		5		1-3-3.1	Steven M. Macyda	STEVEN M MACYDA															
					Earl W. Kennedy																
					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 & ARLENE ANN NEELY									
											Gary L. Neely and Arlene Neely										
											Earl W. Kennedy										
											8		1-3-3	Steven M. Macyda	STEVEN M MACYDA						
														Earl W. Kennedy							
														9		1-2-22	MT Tabor Methodist Episcopal Church	MT TABOR CEMETERY			
																	Earl W. Kennedy				
10	1-2-24		MT Tabor Methodist Episcopal Church														MT TABOR M E CHURCH				
			Earl W. Kennedy																		
			11																1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY LLC
																				Lucy Mae Sticklely	
		Marian R. Stone Garrett																			
		Patricia K. W. Hoekstra																			
		Richard H. Benson, II																			
		Alvy S. White																			
		Anita Talbot																			
		Karen I. Meyers																			
		Carol S. White Davis																			
		Edwin R. White II																			
		Robert Tate Jr.																			
		Frederick Tate																			
		Timothy Tate Jr.																			

09/28/2018

(+) 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

Well Type: Oil Waste Disposal Production Deep Storage Shallow

Gas Liquid Injection

OPERATOR'S WELL #: WDTN5BHSU

API WELL # 47 061
STATE COUNTY PERMIT

WATERSHED: DUNKARD CREEK ELEVATION: 1412'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV

SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.35

OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 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, 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

VOID

09/28/2018

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
11 (CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY LLC
		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	
		Sandra Pixier	
		Victor A. White (4/147)	
12	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E HALL
Connie Lee Norwood			
Beth Ellen Younciak, a/k/a Beth Ellen Bennett			
Ewing Albert Bennett			
Cheryl Lynn Bennett Frankenfield			
Emily B. Vallin			
Jennifer Sue Carpenter			
Shirley Dotterer Wadsworth			
Kathryn Dotterer Vahl			
Thelma R. Dotterer Chowning			
Marc D. Prochazka			
Richard Leslie Puchstein			
Carl Eric Puchstein			
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			
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R HALL, LEONARD EDWARD HALL JR
Samuel William Stewart and Barbara C. Stewart			
Merrion Oil and Gas Corporation			
14	1-3-2	Hu's Land and Minerals LLC	CONSOL MINING COMPANY LLC
David Charles White and Regina Sue White			
Lucy Mae Stickle			
Marian R. Stone Garrett			
Patricia K. W. Hoekstra			
Richard H. Benson, II			
Alvy S. White			
Anita Talbot			
Karen I. Meyers			
Carol S. White Davis			
Edwin R. White II			
Robert Tate Jr.			
Frederick Tate			
Timothy Tate Jr.			
15	1-2-20	Alex Tate	CONSOL MINING COMPANY LLC
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)			
16	1-2-20	Merrion Oil and Gas Corporation	ROY L HALL
16	1-2-19	Hu's Land and Minerals LLC	ROY L HALL

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1712 Mount Nebo Road Sewickley, PA 15143 Phone: 412-219-4509 Email: info@shefflerCo.com

DATE: April 3, 2018
OPERATOR'S WELL #: WDTN5BHSU
API WELL # 47 061
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 Gas Liquid Injection Storage Shallow

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City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378

0010

WDTN5BHSU UNIT = 240.385 ACRES TOTAL		
BATTELLE DISTRICT		
#	TAX MAP & PARCEL	UNIT ACRES
1	1-8, P/O PARCEL 2	48.599 Ac.
2	1-8, P/O PARCEL 3.1	9.690 Ac.
3	1-8, P/O PARCEL 1.3	11.442 Ac.
4	1-8, P/O PARCEL 1.2	18.345 Ac.
5	1-3, P/O PARCEL 3.1	14.395 Ac.
6	1-8, P/O PARCEL 1.5	0.004 Ac.
7	1-8, P/O PARCEL 1.1	10.419 Ac.
8	1-3, PARCEL 3	0.923 Ac.
9	1-2, P/O PARCEL 22	0.061 Ac.
10	1-2, PARCEL 24	3.287 Ac.
11	1-3, P/O PARCEL 2	15.564 Ac.
12	1-2, P/O PARCEL 21	17.163 Ac.
13	1-2, P/O PARCELS 18 & 18.1	18.298 Ac.
14	1-3, P/O PARCEL 2	19.113 Ac.
15	1-2, P/O PARCEL 20	5.309 Ac.
16	1-2, P/O PARCEL 19	38.713 Ac.

SURFACE TRACT OWNERS & TAX PARCEL		
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# 1-8-1.3
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# 1-8-1.1
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.	ROY L HALL	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				
		Thomas E. McCauley				
		Richard L. McCauley				
		Judy A. Eckman				
		Robert Stewart				
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen				
		Clifford J. Wise				
		Regina Wise Myers AKA Violet Regina Myers				
		Eleanor J. Wise				
		Walter C. Ord				
		James Freeman Stewart				
		Victor E. Wise				
		Zelda Ruth Brummage				
		Evalee A. Everly Shaheen				
		Dexter Murie Stewart				
2	1-8-3.1	Justin P. Stewart	BARBARA J WAGNER			
		Annette E. Stewart				
		Debra 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 Stoppelton and Donald Stoppelton				
		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 Karl J. Hawkins				
		Becky Bortnick Hawkins				
		3		1-8-1.3	Barbara J. Wagner	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART
					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	
					Arnold D. Anderson, individually, and as Trustee of the Arnold D. Anderson and Barbara J. Anderson Living Trust UTD May 14th, 2008	
					CBC Holdings, LLC	
		4		1-8-1.2	Edward L. Thomas and Diana Lee Thomas	DAVID W & ELIZABETH K DEATON
					David Wayne Thomas	
		5		1-3-3.1	Dorothy L. Stewart and Harold L. Stewart Jr.	STEVEN M MACYDA
					Earl W. Kennedy	
		6		1-8-1.5	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
					Steven M. Macyda	
		7		1-8-1.1	Earl W. Kennedy	GARY L & ARLENE ANN NEELY
					Gary L. Neely and Arlene Neely	
8	1-3-3	Earl W. Kennedy	STEVEN M MACYDA			
		Steven M. Macyda				
9	1-2-22	Earl W. Kennedy	MT TABOR CEMETERY			
		Mt. Tabor Methodist Episcopal Church				
10	1-2-24	Earl W. Kennedy	MT TABOR M E CHURCH			
		Mt. Tabor Methodist Episcopal Church				
11	1-3-2	Earl W. Kennedy	CONSOL MINING COMPANY LLC			
		David Charles White and Regina Sue White				
		Lucy Mae Stickle				
		Marian R. Stone Garrett				
		Patricia K. W. Hoekstra				
		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.						

09/28/2018

(+) 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

Well Type: Oil Waste Disposal Production Deep Shallow
 Gas Liquid Injection Storage

OPERATOR'S WELL #: WDTN5BHSU
 API WELL # 47 STATE 061 COUNTY 01806 PERMIT

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 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, 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

VOID

09/28/2018

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
11 (CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY LLC
		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	
		Sandra Pixler	
		Victor A. White (4/147)	
12	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E HALL
		Connie Lee Norwood	
		Beth Ellen Younclak, a/k/a Beth Ellen Bennett	
		Ewing Albert Bennett	
		Cheryl Lynn Bennett Frankenfield	
		Emily B. Vallin	
		Jennifer Sue Carpenter	
		Shirley Dotterer Wadsworth	
		Kathryn Dotterer Vahl	
		Thelma R. Dotterer Chowning	
		Marc D. Prochazka	
		Richard Leslie Puchstein	
		Carl Eric Puchstein	
		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	
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R HALL, LEONARD EDWARD HALL JR
		Samuel William Stewart and Barbara C. Stewart	
14	1-3-2	Merrion Oil and Gas Corporation	CONSOL MINING COMPANY LLC
		Hu's Land and Minerals LLC	
		David Charles White and Regina Sue White	
		Lucy Mae Stickley	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		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			
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	Merrion Oil and Gas Corporation	ROY L HALL
		Hu's Land and Minerals LLC	
16	1-2-19	Merrion Oil and Gas Corporation	ROY L HALL
		Hu's Land and Minerals LLC	

(+) 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

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow
OPERATOR'S WELL #: WDTN5BHSU
API WELL # 47 061 01806
STATE COUNTY PERMIT

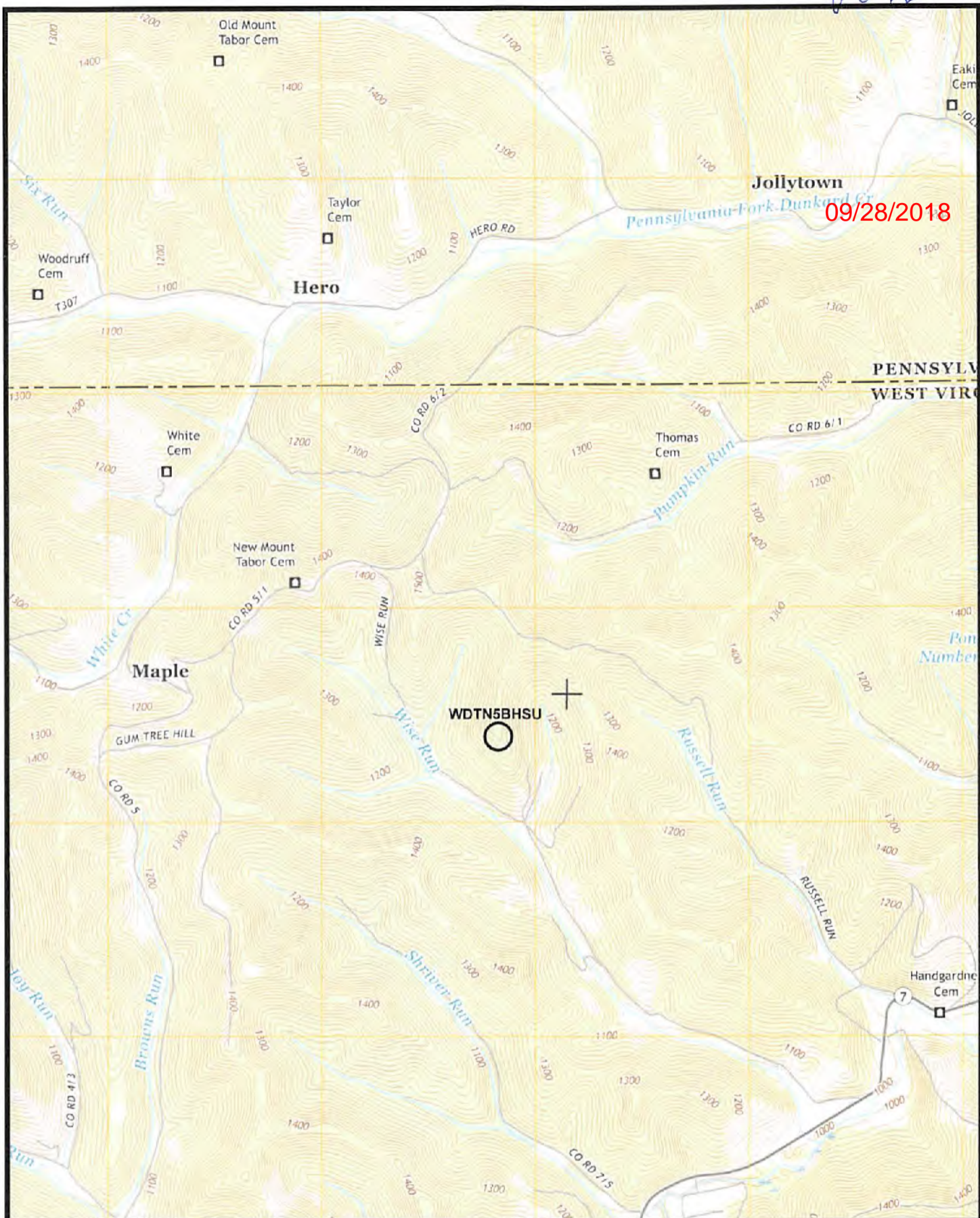
WATERSHED: DUNKARD CREEK ELEVATION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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, 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

VOLD

09/28/2018



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: April 3, 2018

OPERATOR'S WELL #: WDTN5BHSU

API WELL # 47 061 01804

STATE CO COUNTY DE RECEIVED PERMIT
 Dept of Oil and Gas

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

APR 6 2018
 WV Department of Environmental Protection

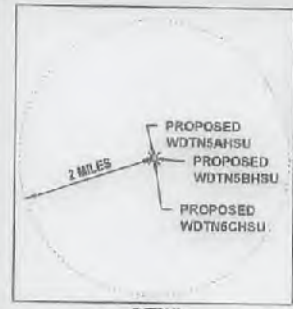
WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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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

SHL is located on topo map 640 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00"

09/28/2018



DETAIL
 UTICA WELLS WITHIN 2 MILE RADUIS
 SCALE 1" = 15,000'

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(M)
 N: 4395400.802
 E: 556826.284
 NAD27, WV NORTH
 N: 440530.826
 E: 1764427.453
 LAT/LON - NAD83
 LAT: 39°42'23.671"
 LON: 80°20'13.575"

APPROXIMATE LANDING POINT

UTM 17 - NAD83(M)
 N: 4395601.605
 E: 556775.394
 NAD27, WV NORTH
 N: 441192.522
 E: 1764271.452
 LAT/LON - NAD83
 LAT: 39°42'30.197"
 LON: 80°20'15.649"

BOTTOM HOLE LOCATION (BHL)

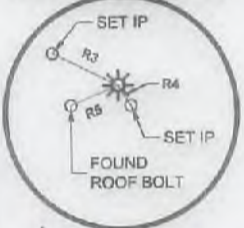
UTM 17 - NAD83(M)
 N: 4386886.550
 E: 555446.854
 NAD27, WV NORTH
 N: 445481.671
 E: 1759992.305
 LAT/LON - NAD83
 LAT: 39°43'12.188"
 LON: 80°21'11.050"

LINE #	BEARING	DISTANCE
R1	S13°33'08"W	829.60'
R2	N67°21'20"E	268.17'
R3	S64°35'32"E	379.02'
R4	N32°50'12"W	123.43'
R5	N67°21'20"E	268.17'



SHL is located on topo map 1,060
 BHL is located on topo map 5,468
 feet west of Longitude: 80° 20' 00"
 feet west of Longitude: 80° 20' 00"

REFERENCE DETAIL



MINERAL TRACT BOUNDARY = 590.077 ACRES
 UNIT BOUNDARY = 240.385 ACRES

LEGEND

	TOPO MAP POINT		ALL ARE POINTS UNLESS OTHERWISE NOTED
	PROPOSED WELL		LEASE BOUNDARY
	WATER SOURCE		UNIT BOUNDARY
	SPRING		PROPOSED HORIZONTAL WELL
	SURFACE TRACT		SURFACE, OIL & GAS LINES
	LEASED NUMBER BASED ON ATTACHED WDTN5B		SURFACE TRACT LINES ONLY
	WELLS WITHIN 3000'		GAS LEASE LINES ONLY
	RECORD GAS WELL		WELL REFERENCE
			STREAM/WATERWAY
			ROAD
			FORCED POOLING AREAS

- NOTES**
- 1 There are no water wells or developed springs within 250' of proposed well
 - 2 There are no existing buildings within 625' of proposed well
 - 3 Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
 - 4 There are no native trout streams within 300' of proposed well
 - 5 Proposed well is greater than 1000' from surface/groundwater intake or public water supply
 - 6 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road
 Sewickley, PA 15143
 Phone: 412-219-4608
 Email: info@shefflerco.com

FILE # WDTN5IHSM
 DRAWING # 3601 - WDTN5B.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX1864: 1,496.32'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
 R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK
 COUNTY/DISTRICT: MONONGALIA / BATTELLE
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL.
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL.

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

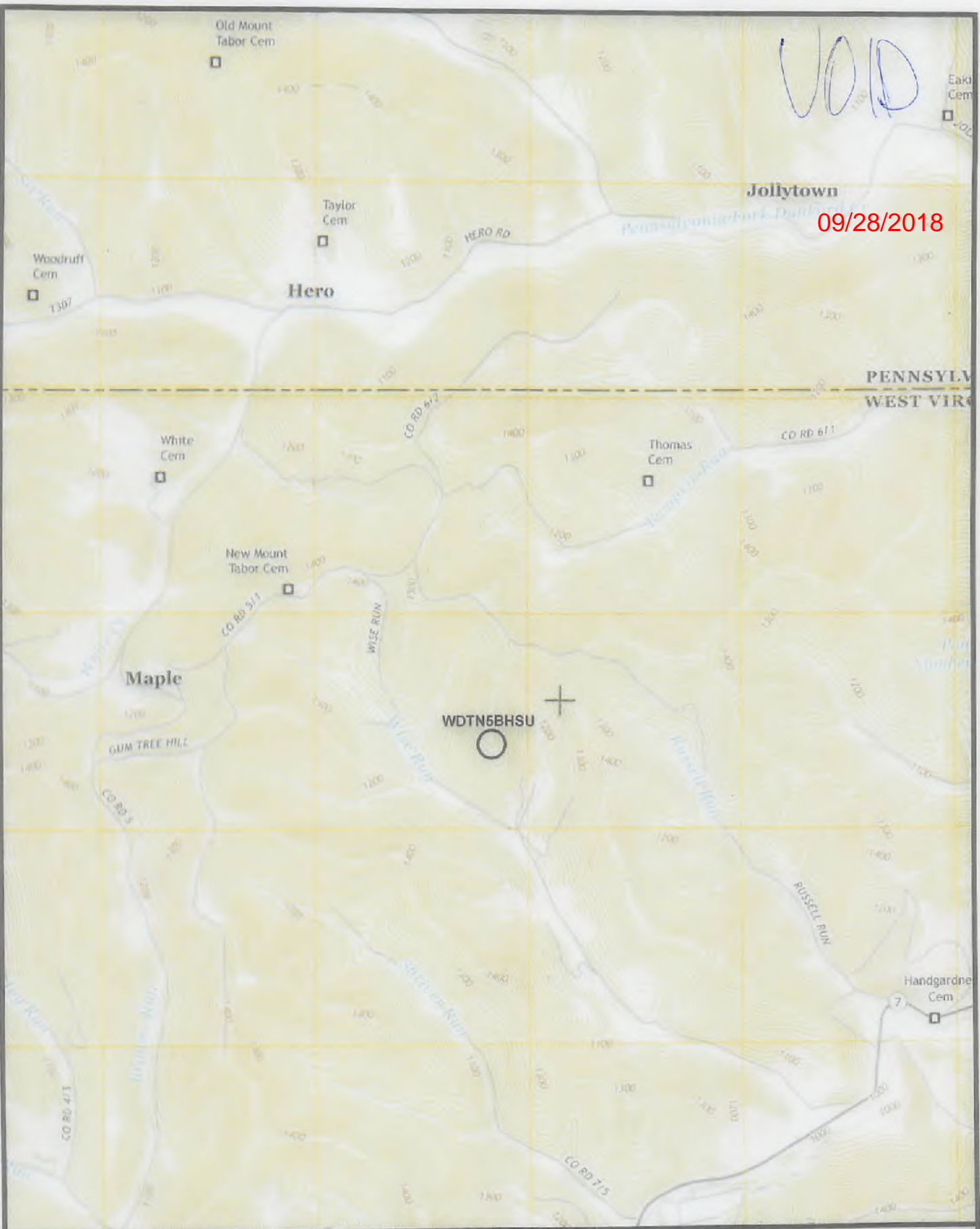
TARGET FORMATION: POINT PLEASANT
 WELL OPERATOR: CNX GAS COMPANY, LLC
 Address: 1000 CONSOL ENERGY DRIVE
 City: CANONSBURG State: PA Zip Code: 15317

DATE: April 3, 2018
 OPERATOR'S WELL #: WDTN5BHSU
 API WELL # 47 061 01806
 STATE COUNTY PERMIT

ELEVATION 1412'
 QUADRANGLE: WADESTOWN, WV
 ACREAGE: 207.36
 ACREAGE: 207.36

ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
 DESIGNATED AGENT: CHRIS TURNER
 Address: 1 DOMINION DRIVE
 City: JANE LEW State: WV Zip Code: 26378





VOID

09/28/2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: April 3, 2018

OPERATOR'S WELL #: WDTN5BHSU

API WELL # 47 061
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
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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

VOID

Attachment - Form WW-6A-1 for WDTN58H5U

Tract ID	Tax Map & Parcel	Title Opinion 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	CNX Gas Company, LLC	Lease Amendment	1595/13
			Donald Wise	CNX Gas Company, LLC	Not less than 1/8	1515/486
			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
			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
			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
			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.	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	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, LLC	Assignment	131/339
			Evalée 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 Murlie 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	Not less than 1/8	1510/806
			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	131/339
			Maureen S. Currence	CNX Gas Company, LLC	Not less than 1/8	1520/781
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	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	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
			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

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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 1/8	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	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
			Boyd Hawkins and Kari J. Hawkins	CNX Gas Company, LLC	Fee Conveyance	1601/152
			Becky Bortnick Hawkins	CNX Gas Company, LLC	Fee Conveyance	1605/324
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
2	1-8-3.1	204769000	Barbara J. Wagner	CNX Gas Company, LLC	Not less than 1/8	1506/533
			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	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. 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
Tract 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
Tract 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
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	1415/388
			CBC Holdings, LLC	CNX Gas Company, LLC	Lease Amendment	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.	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
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
5	1-3-3.1	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	CNX Gas Company, LLC	Lease Amendment	1415/344
			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
Tract ID	Tax Map & Parcel	Title Opinion 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	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

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			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	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	1605/619
			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	Tax Map & Parcel	Title 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
			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	1523/909
			CNX Gas Company, LLC	Noble Energy, Inc.	Assignment	129/292
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Beth Ellen YOUNCIK, 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	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
			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	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

Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
13	1-2-18 & 1-2-18.1	188580000 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
			Noble Energy, Inc.	CNX Gas Company, LLC	Assignment	131/339
			Samuel William Stewart and Barbara C. Stewart	CNX Gas Company, LLC	Lease Amendment	1592/682
			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

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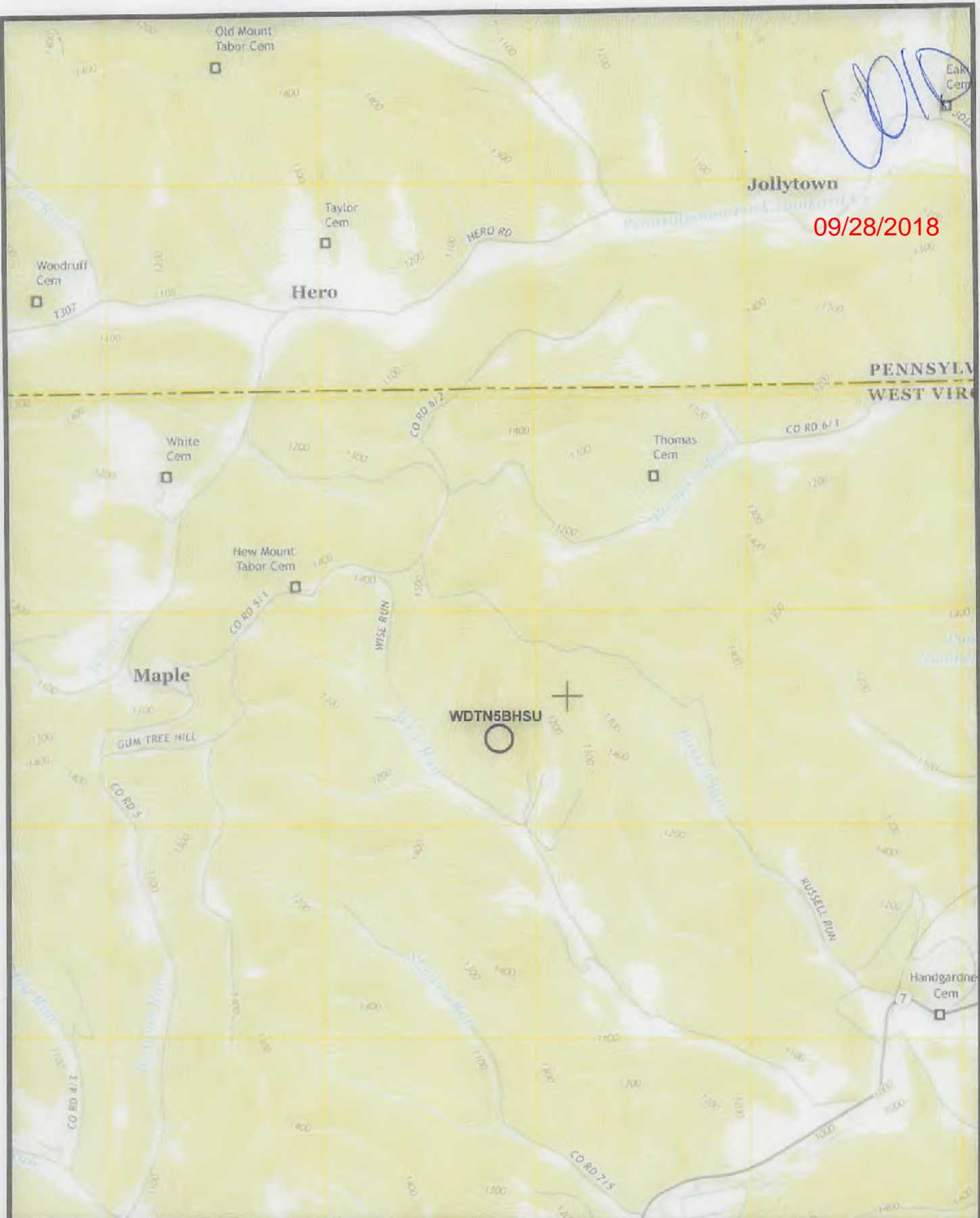
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
14	1-3-2	205498000	David Charles White and Regina Sue White	CNX Gas Company, LLC	Not less than 1/8	1614/136
			Lucy Mae Stickle	CNX Gas Company, LLC	Not less than 1/8	1529/675
			CNX Gas Company, 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
			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	Noble 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
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. 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			
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			
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, 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
			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 QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
16	1-2-19	204780000	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

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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: April 3, 2018, Rev. May 2, 2018

OPERATOR'S WELL #: WDTN5BHSU

API WELL #	<u>47</u>	<u>061</u>	
	STATE	COUNTY	PERMIT

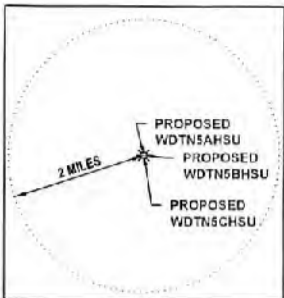
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: <u>POINT PLEASANT</u>	ESTIMATED DEPTH: <u>PILOT TVD 13,585' ±, TVD: 13,335' ±, TMD: 19,825' ±</u>
WELL OPERATOR: <u>CNX GAS COMPANY, LLC</u>	DESIGNATED AGENT: <u>CHRIS TURNER</u>
Address: <u>1000 CONSOL ENERGY DRIVE</u>	Address: <u>1 DOMINION DRIVE</u>
City <u>CANONSBURG</u> State <u>PA</u> Zip Code <u>15317</u>	City <u>JANE LEW</u> State <u>WV</u> Zip Code <u>26378</u>

SHL is located on topo map 640 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00"



DETAIL
 UTICA WELLS WITHIN 2 MILE RADIUS
 SCALE 1" = 15,000'

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(M)
 N: 4395400 802
 E: 558826 284
 NAD27, WV NORTH
 N: 440530 826
 E: 1764427 453
 LAT/LON - NAD83
 LAT: 39°42'23.671"
 LON: 80°20'13.575"

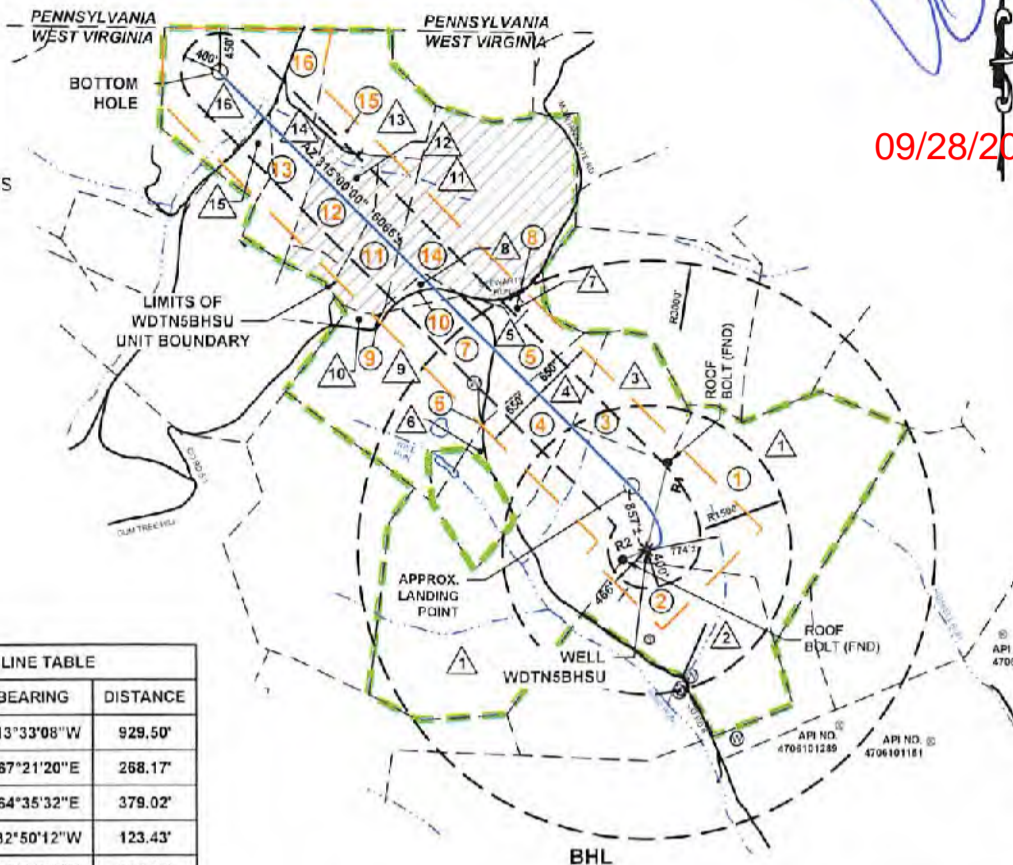
APPROXIMATE LANDING POINT

UTM 17 - NAD83(M)
 N: 4395601 605
 E: 558775 394
 NAD27, WV NORTH
 N: 441192 522
 E: 1764271 452
 LAT/LON - NAD83
 LAT: 39°42'30.197"
 LON: 80°20'15.649"

BOTTOM HOLE LOCATION (BHL)

UTM 17 - NAD83(M)
 N: 4396386 550
 E: 555446 854
 NAD27, WV NORTH
 N: 445481 671
 E: 1759982 309
 LAT/LON - NAD83
 LAT: 39°43'12.188"
 LON: 80°21'11.050"

LINE #	BEARING	DISTANCE
R1	S13°33'08"W	929.50'
R2	N67°21'20"E	268.17'
R3	S64°35'32"E	379.02'
R4	N32°50'12"W	123.43'
R5	N67°21'20"E	268.17'

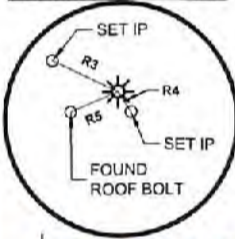


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SHL is located on topo map 1,060 feet west of Longitude: 80° 20' 00"
 BHL is located on topo map 5,468 feet west of Longitude: 80° 20' 00"

NO DEEP WELLS WITHIN 3000'

REFERENCE DETAIL



MINERAL TRACT BOUNDARY = 590.077 ACRES
 UNIT BOUNDARY = 240.385 ACRES

NOTES

- 1 There are no water wells or developed springs within 250' of proposed well
- 2 There are no existing buildings within 625' of proposed well
- 3 Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
- 4 There are no native trout streams within 300' of proposed well
- 5 Proposed well is greater than 1000' from surface/groundwater intake or public water supply
- 6 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LEGEND

	TOPO MAP POINT		ALL ARE POINTS UNLESS OTHERWISE NOTED
	PROPOSED WELL		LEASE BOUNDARY
	WATER SOURCE		UNIT BOUNDARY
	SPRING		PROPOSED HORIZONTAL WELL
	SURFACE TRACT		SURFACE, OIL & GAS LINES
	LEASED NUMBER BASED ON ATTACHED WDTNSB		SURFACE TRACT LINES ONLY
	WELLS WITHIN 3000'		GAS LEASE LINES ONLY
	RECORD GAS WELL		WELL REFERENCE
			STREAM/WATERWAY
			ROAD
			FORCED POOLING AREAS

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road
 Sewickley, PA 15143
 Phone: 412-219-4509
 Email: info@shefflerCo.com

FILE # WDTN5IHSM
 DRAWING # 3601 - WDTN5B.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX1864: 1,496.32'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

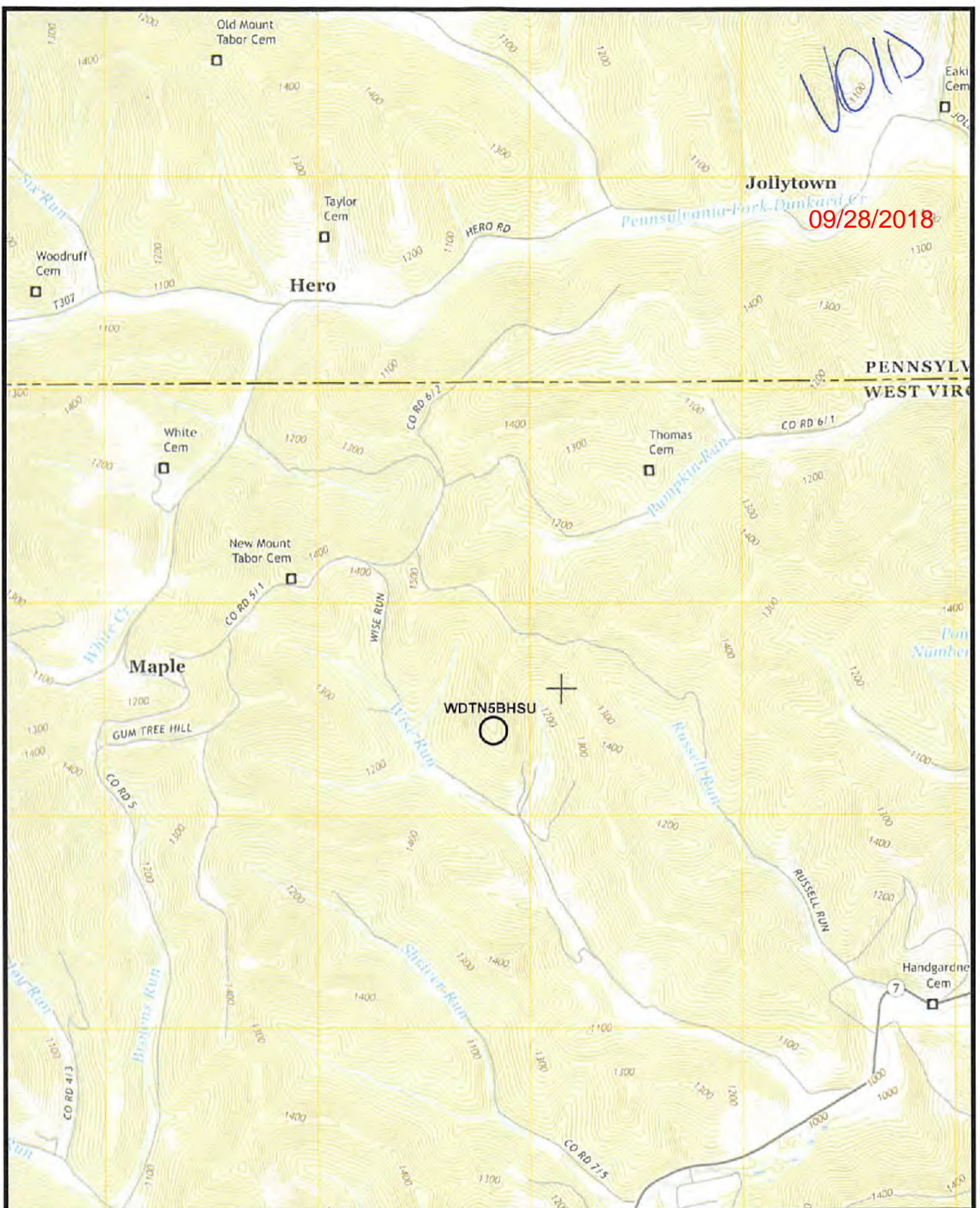
WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: POINT PLEASANT
 WELL OPERATOR: CNX GAS COMPANY, LLC
 Address: 1000 CONSOL ENERGY DRIVE
 City: CANONSBURG State: PA Zip Code: 15317

DATE: April 3, 2018, Rev. May 2, 2018
 OPERATOR'S WELL #: WDTN5BHSU
 API WELL # 47 061
 STATE COUNTY PERMIT

ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
 DESIGNATED AGENT: CHRIS TURNER
 Address: 1 DOMINION DRIVE
 City: JANE LEW State: WV Zip Code: 26378



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WDTN5BHSU UNIT = 240.365 ACRES TOTAL		
BATTELLE DISTRICT		
#	TAX MAP & PARCEL	UNIT ACRES
1	1-8, P/O PARCEL 2	48.599 Ac
2	1-8, P/O PARCEL 3.1	9.690 Ac
3	1-8, P/O PARCEL 1.3	11.442 Ac
4	1-8, P/O PARCEL 1.2	18.345 Ac
5	1-3, P/O PARCEL 3.1	14.395 Ac
6	1-8, P/O PARCEL 1.5	0.004 Ac
7	1-8, P/O PARCEL 1.1	19.419 Ac
8	1-3, PARCEL 5	0.923 Ac
9	1-2, P/O PARCEL 22	0.061 Ac
10	1-2, PARCEL 24	3.287 Ac
11	1-3, P/O PARCEL 2	15.564 Ac
12	1-2, P/O PARCEL 21	17.163 Ac
13	1-2, P/O PARCELS 18 & 18.1	18.298 Ac
14	1-3, P/O PARCEL 2	19.113 Ac
15	1-2, P/O PARCEL 20	5.369 Ac
16	1-2, P/O PARCEL 19	38.713 Ac

SURFACE TRACT OWNERS & TAX PARCEL

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# 1-8-1.3
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# 1-8-1.1
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.	ROY L HALL	TM# 1-2-20
14.	LEONARD EDWARD HALL JR	TM# 1-2-18.1
15.	JASON BRIAN & LINDEEY R HALL	TM# 1-2-18

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
1	1-8-2	Richard W. Wise Donald Wise Thomas E. McCauley Richard L. McCauley Judy A. Eckman Robert Stewart Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindemen Clifford J. Wise Regina Wise Myers AKA Violet Regina Myers Eleanor J. Wise Walter C. Ord James Freeman Stewart Victor E. Wise Zelda Ruth Brummage Evalae A. Everly Shaheen Dexter Murle 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 Becky Bortnick Hawkins	DINA M WISE ET AL <i>VOID</i> 09/28/2018
2	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. 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	BARBARA J WAGNER
3	1-8-1.3	CBC Holdings, LLC Edward L. Thomas and Diana Lee Thomas David Wayne Thomas Dorothy L. Stewart and Harold L. Stewart Jr. Earl W. Kennedy	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART
4	1-8-1.2	CBC Holdings, LLC David W. Deaton and Elizabeth K. Deaton Earl W. Kennedy	DAVID W & ELIZABETH K DEATON
5	1-3-3.1	CBC Holdings, LLC Steven M. Macyda Earl W. Kennedy	STEVEN M MACYDA
6	1-8-1.5	CBC Holdings, LLC Gary L. Neely and Arlene Neely Earl W. Kennedy	GARY L & ARLENE ANN NEELY
7	1-8-1.1	CBC Holdings, LLC Gary L. Neely and Arlene Neely Earl W. Kennedy	GARY L & ARLENE ANN NEELY
8	1-3-3	Steven M. Macyda Earl W. Kennedy	STEVEN M MACYDA
9	1-2-22	Mt. Tabor Methodist Episcopal Church Earl W. Kennedy	MT TABOR CEMETERY
10	1-2-24	Mt. Tabor Methodist Episcopal Church Earl W. Kennedy	MT TABOR M E CHURCH
11	1-3-2	David Charles White and Regina Sue White Lucy Mae Stickley Marian R. Stone Garrett Patricia K. W. Hoekstra 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.	CONSOL MINING COMPANY LLC

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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
11 (CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY LLC
		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	
		Sandra Pixler	
		Victor A. White (4/147)	
Melinda Reid Hatton (2/147)			
Dennis F. Hatton Jr. (1/147)			
Amanda Hatton (1/147)			
12	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E HALL
		Donnie Lee Norwood	
		Beth Ellen Younciak, a/k/a Beth Ellen Bennett	
		Ewing Albert Bennett	
		Cheryl Lynn Bennett Frankenfield	
		Emily B. Vallin	
		Jennifer Sue Carpenter	
		Shirley Dotterer Wadsworth	
		Kathryn Dotterer Vahl	
		Thelma R. Dotterer Chowning	
		Marc D. Prochazka	
		Richard Leslie Puchstein	
		Carl Eric Puchstein	
		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	
John William Bennett			
Jeffery Carpenter			
Ken P. Prochazka (1/18)			
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R HALL, LEONARD EDWARD HALL JR
		Samuel William Stewart and Barbara C. Stewart	
		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 LLC
		Lucy Mae Stickley	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		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	
Doris Jean White			
Victor A. White (2/147)			
Melinda Reid Hatton (2/234)			
Dennis F. Hatton Jr. (2/588)			
Amanda Hatton (2/588)			
15	1-2-20	Merrion Oil and Gas Corporation	ROY L HALL
		Hu's Land and Minerals LLC	
16	1-2-19	Merrion Oil and Gas Corporation	ROY L HALL
		Hu's Land and Minerals LLC	

VOID

09/28/2018

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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 2, 2018

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

OPERATOR'S WELL #: WDTN5BHSU
API WELL # 47 061
STATE COUNTY PERMIT

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
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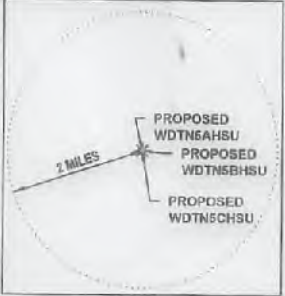
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SHL is located on topo map 640 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00"

SHL is located on topo map 1,060 feet west of Longitude: 80° 20' 00"
 BHL is located on topo map 5,468 feet west of Longitude: 80° 20' 00"

09/28/2018



DETAIL
 UTICA WELLS WITHIN 2 MILE RADIUS
 SCALE 1" = 15,000'



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(M)
 N: 4385400.802
 E: 555826.284
 NAD27, WV NORTH
 N: 440530.826
 E: 1764427.453
 LAT/LON - NAD83
 LAT: 39°42'23.671"
 LON: 80°20'13.575"

APPROXIMATE LANDING POINT
 UTM 17 - NAD83(M)
 N: 4395601.605
 E: 556775.394
 NAD27, WV NORTH
 N: 441192.522
 E: 1764271.452
 LAT/LON - NAD83
 LAT: 39°42'30.197"
 LON: 80°20'15.649"

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83(M)
 N: 4396886.550
 E: 555446.854
 NAD27, WV NORTH
 N: 445481.671
 E: 1759982.309
 LAT/LON - NAD83
 LAT: 39°43'12.188"
 LON: 80°21'11.050"

LINE #	BEARING	DISTANCE
R1	S13°33'08"W	929.50'
R2	N67°21'20"E	268.17'
R3	S84°35'32"E	379.02'
R4	N32°50'12"W	123.43'
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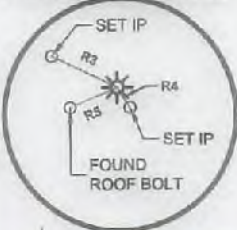
NO DEEP WELLS WITHIN 3000'

MINERAL TRACT BOUNDARY = 590.077 ACRES
 UNIT BOUNDARY = 240.385 ACRES

LEGEND

	TOPO MAP POINT		PROPOSED WELL		WATER SOURCE		SPRING		SURFACE TRACT		LEASED NUMBER BASED ON ATTACHED WDTN5B		WELLS WITHIN 3000'		RECORD GAS WELL		FORCED POOLING AREAS		
	ALL ARE POINTS UNLESS OTHERWISE NOTED		LEASE BOUNDARY		UNIT BOUNDARY		PROPOSED HORIZONTAL WELL		SURFACE OIL & GAS LINES		SURFACE TRACT LINES ONLY		GAS LEASE LINES ONLY		WELL REFERENCE		STREAM/WATERWAY		ROAD

REFERENCE DETAIL



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- NOTES**
- 1 There are no water wells or developed springs within 250' of proposed well
 - 2 There are no existing buildings within 625' of proposed well
 - 3 Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
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 DRAWING #: 3601 - WDTN5B.DWG
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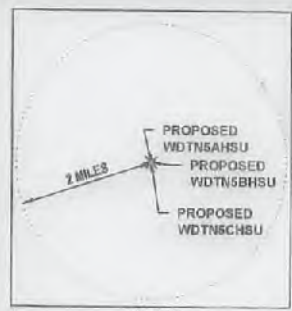
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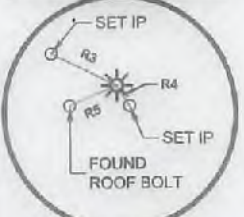
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	LEASED NUMBER BASED ON ATTACHED WDTN5B		SURFACE TRACT LINES ONLY
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VOD



Site Safety Plan for Well Site: WDTN5BHSU CNX Gas Company, LLC.



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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 Environmental Protection, Office of Oil and Gas

And

West Virginia Oil and Gas Conservation Commission.

Approved this day _____ of month _____, 20__ by

Date: _____

Date: _____

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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.

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Safety Plan for Well Site: WDTN5 CNX Gas Company, LLC.

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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)

STEP 2. NOTIFY: PRIORITIZED BUSINESS UNIT MANAGEMENT – Immediate Notification					
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	Drilling Superintendent	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	Safety Specialist	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	
Well Control	APS 24 Hr Marcellus	724-354-2607	724-422-8966	Will Warfel
			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
Labor/Equipment	APS 24 Hr Marcellus	724-354-2607	724-422-8966	Will Warfel
			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

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Water Hauling	WTC Gas Field Services	724-349-4045	724-422-4262- Mobile	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	

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
Gormanian 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

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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. _____		
5. _____		
6. _____		
7. _____		
8. _____		
9. _____		
10. _____		
11. _____		
12. _____		
13. _____		
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.

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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.

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Completion

Once drilling operations are complete, a pre-completions safety meeting will be conducted with 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

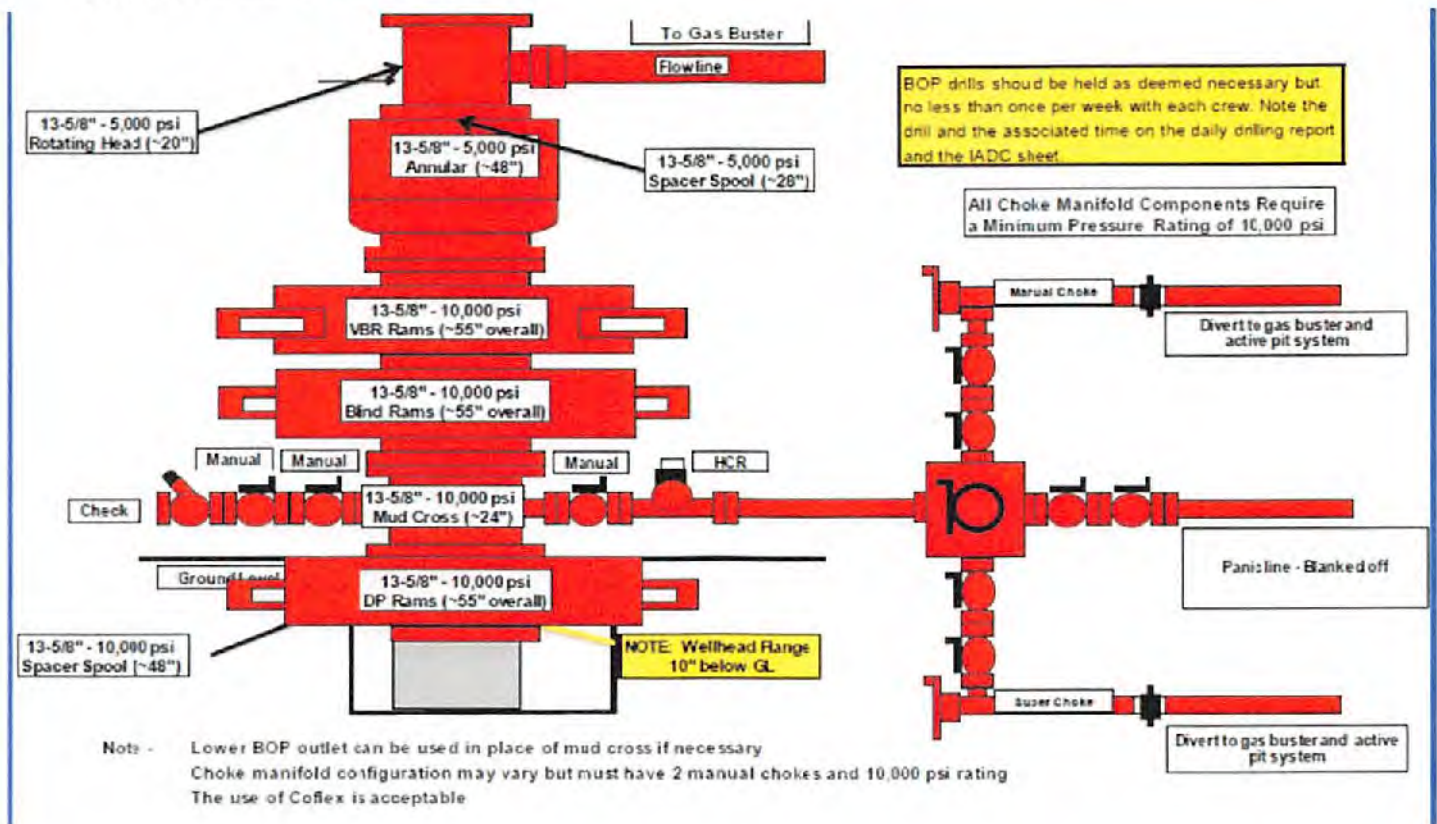
A contracted drilling mud service will maintain all required components for the mixing of mud for well kill operations in compliance with API RP 53. Materials on site for mixing mud will include, but not be

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.

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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

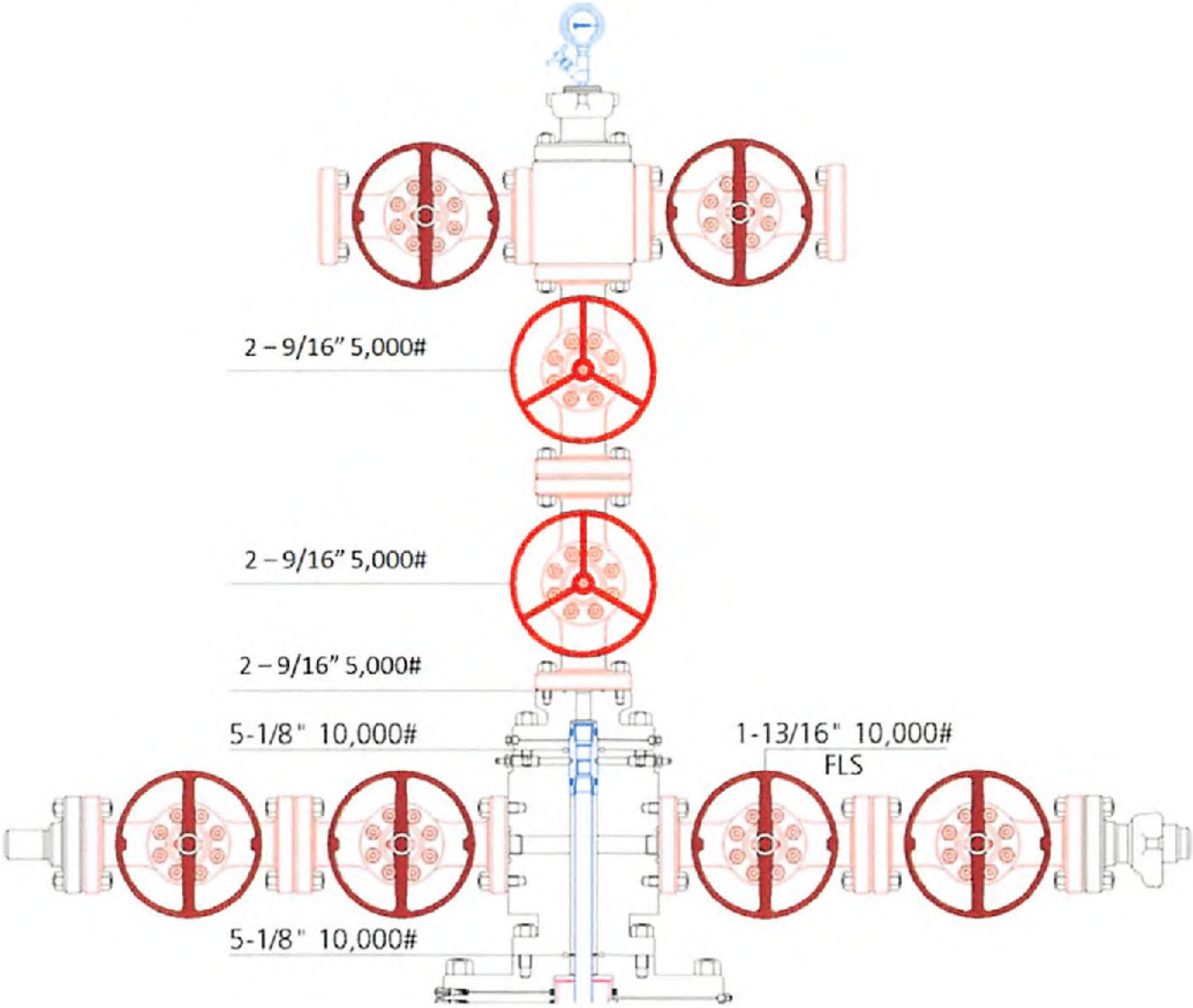
Detailed records of significant drilling events such as lost circulation, fluid entry, kicks, abnormal pressures, etc. are maintained through a daily log in the onsite office. The daily log allows the drilling site supervisor to enter daily reports containing the specified information. The records are 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.

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5.4 Wellhead Assembly

Below is a diagram of the wellhead to be installed upon completion of stimulation operations.



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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

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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 on-site 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:

$$SF^* = CC \div [UR_{ref} + UR_{off}]$$

CC - well separation distance (center to center of wellbores)

UR_{ref} - radius ellipse of uncertainty on reference well

UR_{off} - 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.

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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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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: _____ Date: _____
Company: _____

• Directional Driller: _____ Date: _____
Company: _____

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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.

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

1) Well Operator: CNX Gas Company LLC 494458046 Monongalia Battelle Wadestown
Operator ID County District Quadrangle

2) Operator's Well Number: WDTN5BHSU Well Pad Name: WDTN5

3) Farm Name/Surface Owner: Wise Public Road Access: CR6 Wise Run

4) Elevation, current ground: 1400 Elevation, proposed post-construction: 1389

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

Other _____

(b) If Gas Shallow _____ Deep X

Horizontal X

6) Existing Pad: Yes or No No *Maryland K & 4/8/2018*

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant, Top=13,270', 75' thick, expected formation pressure ~12,000 psi

8) Proposed Total Vertical Depth: 13,565' (at pilot hole / Trenton), 13,335' (at producing formation / Point Pleasant)

9) Formation at Total Vertical Depth: Pilot-Trenton, Producing-Point Pleasant

10) Proposed Total Measured Depth: 19,825'

11) Proposed Horizontal Leg Length: 6,067'

12) Approximate Fresh Water Strata Depths: 125', 1070'

13) Method to Determine Fresh Water Depths: Depth of bit when water shows in flowline or depth when misting is required

14) Approximate Saltwater Depths: 2180', 2625'

15) Approximate Coal Seam Depths: 709', 970', 1,058', 1,063'

16) Approximate Depth to Possible Void (coal mine, karst, other): None anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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18) CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	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

Haym J. Kuro 4/12/2018

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	<7000	Class A	2.03 / 1.24
Production	5.5	8.5	0.415	16500	~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

Kind:	n/a			
Sizes:				
Depths Set:				

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

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 SOBMs. 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 SOBMs. 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 SOBMs 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.

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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

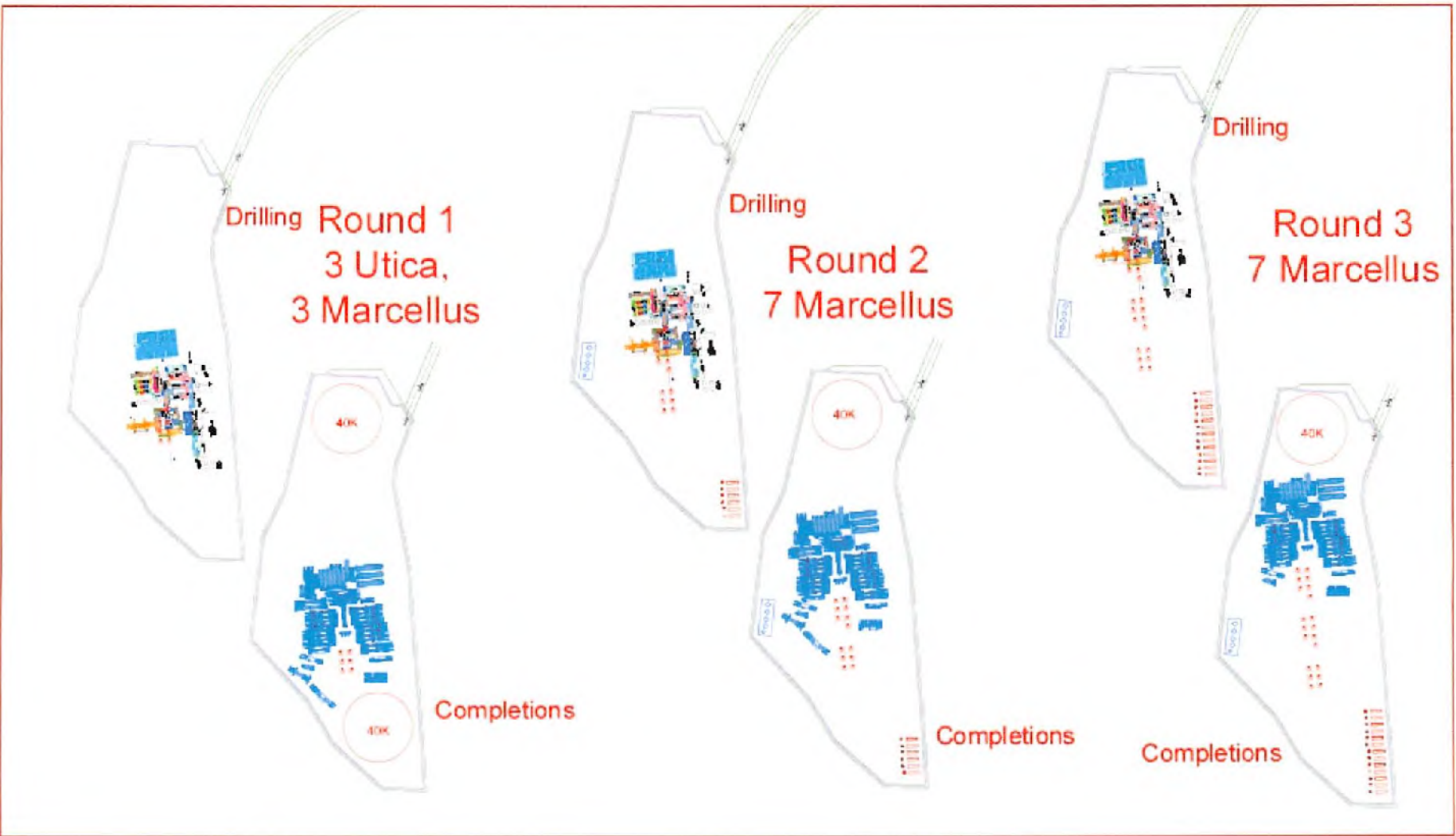
Ground Elevation			1390' GL Elevation			WDTN-5B-HSU SHL			N 440530.83, E 1764427.45 (NAD27)		
Azimuth			315°			WDTN-5B-HSU LP			N 441192.52, E 1764271.45 (NAD27)		
WELLBORE DIAGRAM			315°			WDTN-5B-HSU BHL			N 445481.67, E 1759982.31 (NAD27)		
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	MD	TVD	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS	
	30"	26" L/S	Conductor	100	100	AIR	To Surface	N/A	N/A	Stabilize surface fill/soil	
	24"	18-5/8" 87.5# J-55 BTC	Shallowest Fresh Water		125	AIR / FW Mist	15.6 ppg Class A 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface (bow spring)	Ensure the hole is clean at section TD	Set through FW & coal zones Cemented to surface 18-5/8" shoe NOT to be set deeper than ground level	
			Waynesburg 1 Coal		709						
			Pittsburgh Coal		1063						
	17-1/2"	13-3/8" 61.0# J-55 BTC	FW/Coal Casing	1380	1380	AIR / Soap	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	Set through potential salt water zones Cemented to surface Casing to be set ~200'-250' below the Big Injun base	
			Big Lime		2475						
			Big Injun		2565						
			Price		2805						
	12-1/4"	9-5/8" 43.5# P-110 LTC	1st Intermediate Csg	3055	3055	AIR / Brine	Lead:12.5 ppg Class A Yield = 2.03 TOL @ >= 200' above 13-3/8" shoe Tail:15.2 ppg Class A Yield = 1.24 TOT @ ~1000' above 9-5/8" shoe 10% OH Excess TOC @ >= 200' above 13-3/8" shoe	Centralize every 3rd joint from shoe to TOC (bow spring)	Ensure the hole is clean at section TD Load hole with SOBMM prior to running casing Displace cement with SOBMM	Casing to be set ~100' TVD into the Reedsville Note: For all strings, actual centralizer placements may be changed due to hole conditions Note: For all strings, actual cement blends may vary slightly depending upon service company utilized	
			Gordon		3390						
			Elks		5165						
			Tully		7530						
Marcellus				7670							
Onondaga				7740							
Salina				8620							
Lockport				9365							
Tuscarora				10590							
Queenston				10640							
Reedsville		11860									
8-1/2" Curve & Lateral	5-1/2" 23.0# Q-125 VAR	2nd Intermediate Csg	11960	11960	14.0-14.5 ppg SOBMM	15.6 ppg Class H 10% OH Excess Yield = 1.24 TOC @ ~7500'	Centralize every joint from shoe to KOP (single-piece/rigid bow centralizers)	Once at TD, circulate at max flowrate with max rotation until shakers clean-up (typically requires multiple bottoms-up). Once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement.			
		Utica		13130							
		Point Pleasant		13270							
		Production Casing	19825	13335							
<p align="center">8-1/2" Hole - Cemented Long String 5-1/2" 23.0# Q-125 VAR</p>											
LP @ +/- 13335' TVD									+/- 6067' Lateral		
									TD @ +/- 13335' TVD		
8-1/2" Pilot Hole	Not Cased	Lexington		13345	14.0-14.5 ppg SOBMM	Plug back with cement from pilot hole TD to curve KOP					
		Trenton		13440							
		Pilot Hole TD	13565	13565							

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WELL: WDTN 5 HSU					
Top Depth from Ground Elevation (TVD)	Formation		Coal Seam Thickness (FEET)	Minable Coal Seam	General Rock Type
	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	Coal
709	Waynesburg 1		3.24	yes	
970	Sewickley Coal		6.18	yes	
1058	Roof Coal Zone		4.2	yes	
1063	Pittsburgh Coal		7.34	yes	
1070	Possible Water Expected	WATER			
1530	Brush Creek Coal		0.76	no	Coal
1643	Upper Freeport Coal		1.56	no	
1681	Lower Freeport Coal		1.47	no	
1745	Upper Kittanning Coal		1.18	no	
1853	Lower Kittanning Coal		0.98	no	
1903	Clarion		1.55	no	
1973	Brookville Coal		0.1	no	
2475	Big Lime				
2565	Big Injun	Thief Zone			Sand
2805	Price Formation				Shale
3255	50 Foot				Sandstone
3390	Gordon				Sandstone
3515	Fifth				Sandstone
3565	Bayard				Sandstone
5165	Elk				Siltstone
7145	Rhinstreet				Grey Shale
7360	Cashaqua			Shale	
7505	Burket			Black Shale	
7530	Tully			Limestone	
7565	Hamilton			Grey Shale	
7670	Upper Marcellus	High Pressure and Volume			Black Shale
7705	Purcell				Limestone
7710	Middle Marcellus				Black Shale
7720	Cherry Valley				Limestone
7725	Lower Marcellus				Black Shale
7740	Onondaga Limestone				Limestone
8005	Oriskany Sandstone				Sandstone
8090	Helderberg Limestone				Limestone
8620	Salina				Salt
9365	Lockport Dolomite				Dolomite
10040	Rochester Shale				Grey Shale
10590	Tuscarora Sandstone				Sandstone
10840	Queenston Shale				Red Shale
11860	Reedsville Shale				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****

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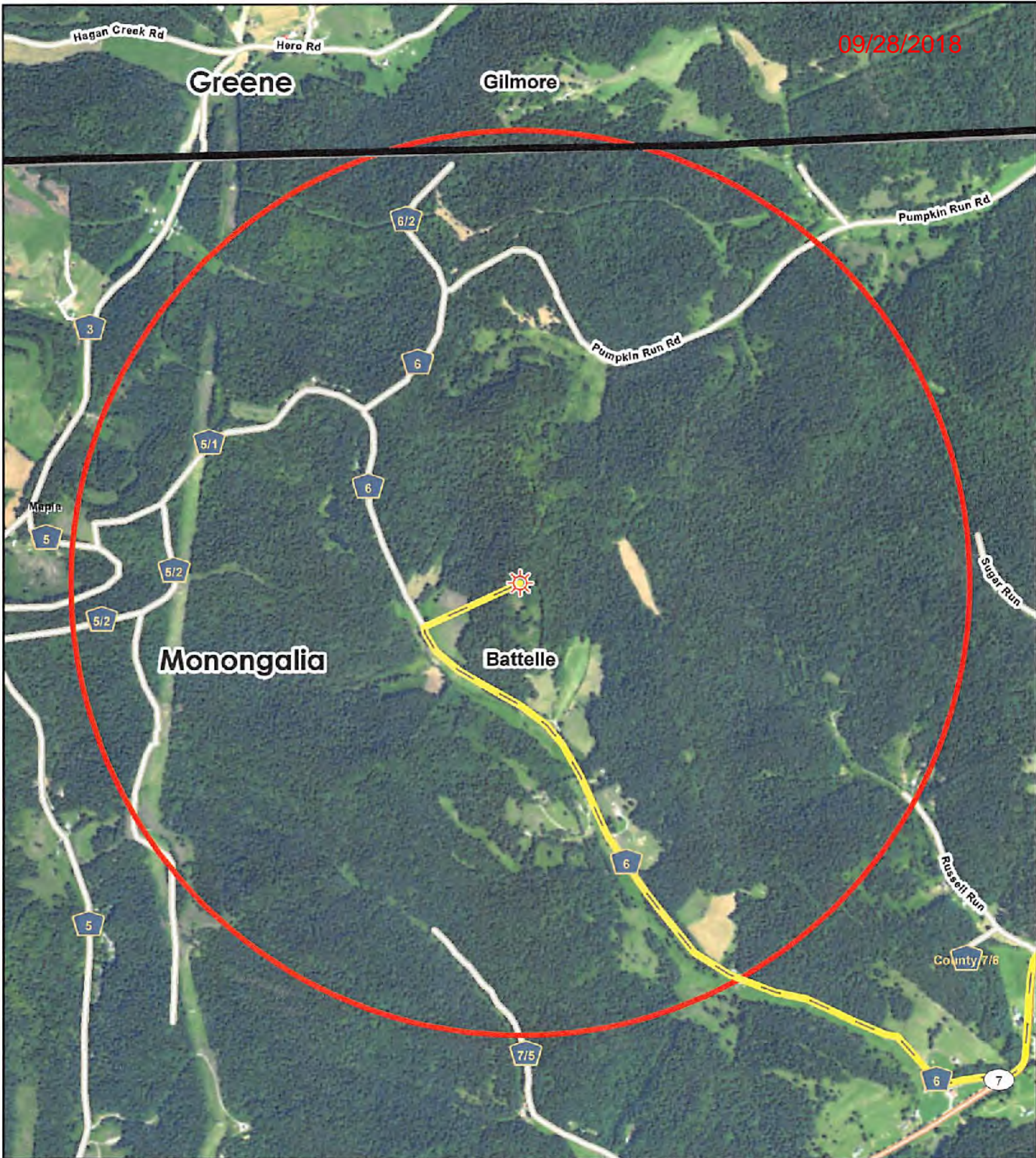
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Production






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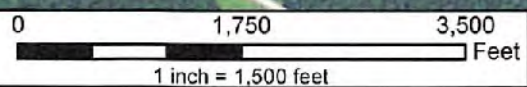
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Legend

-  Wellbore
-  1 Mile Evacuation Buffer
-  Evacuation Route

Directions:
 Head west from pad and turn left onto County Highway 6, follow Highway 6 to Route 7 and turn left onto Route 7.



CONSOL ENERGY
 CNX Center, Canonsburg, PA

Original Date: 7/20/2017 Prepared By: GIS

Revision Date: 7/20/2017 Approved By: GIS

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 APR 15 2018
WV DOTS
 WV Department of Environmental Protection

Path: \\cnx\gis\business_unit_support\gas_permitting\pp31\wdr\evacuation_map\wdr\evacuation_plan_map.mxd - bjb0c

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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

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Landowners within 1 mile

tax_id	owner	ADDR	CITY	County_Name	STATE	ZIP	acres
09-04-0106	JOHNSON CHARLES W ET UX		NEW FREEPORT	Greene	PA	15352	40.675427
09-04-0107	THOMAS DENNIS ET UX		NEW FREEPORT	Greene	PA	15352	3.848145
09-04-0108	SHOUGH JAMES LEON ET AL		NEW 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	83.0675
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	RUN RD	WANA	Monongalia	WV	26590	89.056912
1/8/2001	AREHEART HENRY W & LYNDA M		WANA	Monongalia	WV	26590	13.246159
1-8-1.1	NEELY GARY L & ARLENE ANN	ROUTE 1 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	WANA	Monongalia	WV	26590	0.949482
1/8/2011	DEBERRY CHESTER E & BARBARA J	ROUTE 1	WANA	Monongalia	WV	26590	88.799872
1/8/2012	SHRIVER BARBARA S	70 WISE RUN RD	WANA	Monongalia	WV	26590	55.250841

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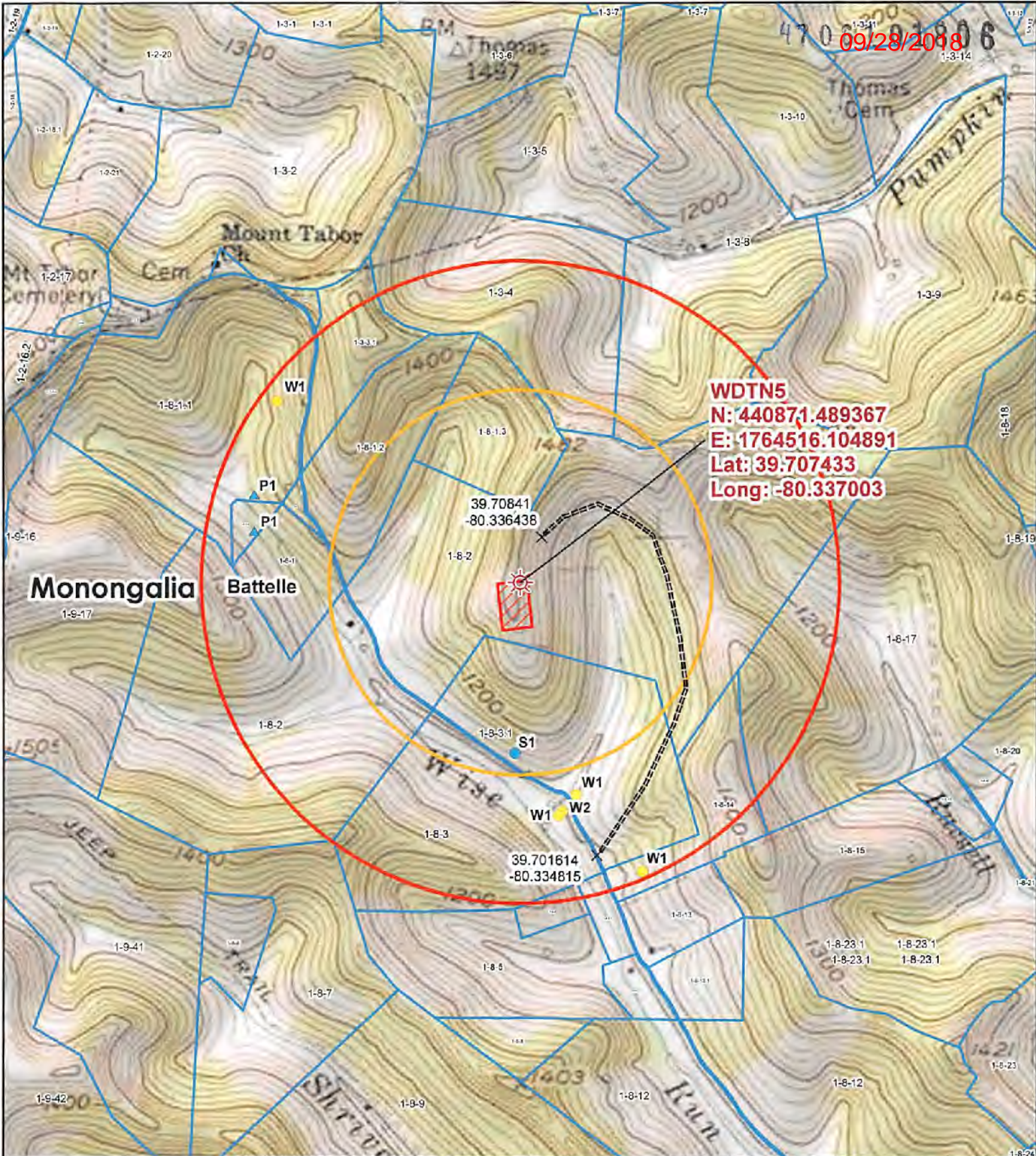
1/8/2012	SHRIVER BARBARA S	70 WISE RUN RD	WANA	Monongalia	WV	26590	69.6997
1-8-12.1	SHRIVER BARBARA S & GREGORY L	271 WISE RUN RD	WANA	Monongalia	WV	26590	1.000452
1/8/2013	AMMONS DAVID M & JESSICA L	ROUTE 1	WANA	Monongalia	WV	26590	10.220292
1-8-13.1	AMMONS DAVID M & JESSICA L	462 WISE RUN RD	WANA	Monongalia	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
1-8-16.1	HOLMES LENA DENICE & DONRA JEAN WILLARD	DUNKARD CREEK	WANA	Monongalia	WV	26590	3.242026
1/8/2017	NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR	ROUTE 1	WANA	Monongalia	WV	26590	108.688605
1/8/2018	CONSOLIDATION COAL COMPANY CONSOLIDATION COAL COMPANY &	WANA	WANA	Monongalia	WV	26590	64.841967
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
1/8/2002	WISE DINA M ET AL & (LIFE ARTHUR D & 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
1/8/2021	KIRBY TROY EDWARD & BARBARA ANNE	149 RUSSELL RUN	WADESTOWN	Monongalia	WV	26590	18.481783
1/8/2023	WILSON JACKIE L, LARRY A & SHARON 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 WHITE GLEN LOWELL & SHARRON &	ROUTE 1	WANA	Monongalia	WV	26590	109.945499
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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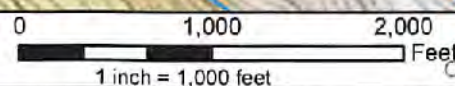
WDTN5
N: 440871.489367
E: 1764516.104891
Lat: 39.707433
Long: -80.337003

39.70841
-80.336438

39.701614
-80.334815

Legend

- Wellbore
- Wells
- Spring
- Ponds
- Access Points
- Access Road
- 2,500 Foot Buffer
- 1,500 Foot Buffer
- Well Pad
- Surface Parcel



CONSOL ENERGY
 Office: CNX Center, Canonsburg, PA

Original Date: 11/13/2017

Prepared By: GIS

Revision Date: 11/13/2017

Approved By: GIS

APR 6 2018
 Topographic Well Map
 WV Department of Environmental Protection
WDTN5

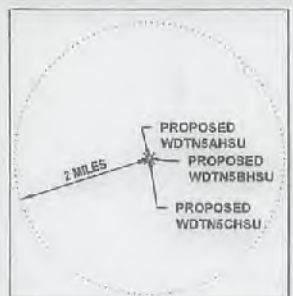
This map is property of CNX Land Resources Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.
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VOID

SHL is located on topo map 640 feet south of Latitude: 39° 42' 30"
BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00"



SHL is located on topo map 1,060 feet west of Longitude: 80° 20' 00"
BHL is located on topo map 5,468 feet west of Longitude: 80° 20' 00"



DETAIL
UTICA WELLS WITHIN 2 MILE RADIUS
SCALE 1" = 15,000'



09/28/2018

SURFACE HOLE LOCATION (SHL)
UTM 17 - NAD83(M)
N: 4395400.802
E: 556826.284
NAD27, WV NORTH
N: 440530.826
E: 1764427.453
LAT/LON - NAD83
LAT: 39°42'23.671"
LON: 80°20'13.675"

APPROXIMATE LANDING POINT
UTM 17 - NAD83(M)
N: 4395601.805
E: 556775.394
NAD27, WV NORTH
N: 441192.522
E: 1764271.452
LAT/LON - NAD83
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NAD27, WV NORTH
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E: 1759982.309
LAT/LON - NAD83
LAT: 39°43'12.188"
LON: 80°21'11.050"

LINE TABLE

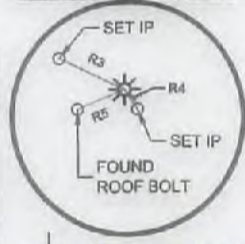
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NO DEEP WELLS WITHIN 3000'

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- SPRING
- SURFACE TRACT
- LEASED NUMBER BASED ON ATTACHED WDTN5B
- WELLS WITHIN 3000'
- RECORD GAS WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- LEASE BOUNDARY
- UNIT BOUNDARY
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- SURFACE, OIL & GAS LINES
- SURFACE TRACT LINES ONLY
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- STREAM/WATERWAY
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- FORCED POOLING AREAS

REFERENCE DETAIL



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UNIT BOUNDARY = 240.385 ACRES

- NOTES
- There are no water wells or developed springs within 250' of proposed well.
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DRAWING # 3601 - WDTN5B.DWG
SCALE: 1"=2000'
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SIGNED: [Signature]
R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: April 3, 2018, Rev. May 10, 2018
OPERATOR'S WELL #: WDTN5BHSU
API WELL # 47 061 01806
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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, 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

VOID

09/28/2018



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



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City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378

VOID

09/28/2018

WDTN5BHSU UNIT = 240.385 ACRES TOTAL		
BATTELLE DISTRICT		
#	TAX MAP & PARCEL	UNIT ACRES
1	1-8, P/O PARCEL 2	48.599 Ac.
2	1-8, P/O PARCEL 3.1	9.590 Ac.
3	1-8, P/O PARCEL 1.3	11.442 Ac.
4	1-8, P/O PARCEL 1.2	18.345 Ac.
5	1-3, P/O PARCEL 3.1	14.395 Ac.
6	1-8, P/O PARCEL 1.5	0.004 Ac.
7	1-8, P/O PARCEL 1.1	19.419 Ac.
8	1-3, PARCEL 3	0.923 Ac.
9	1-2, P/O PARCEL 22	0.061 Ac.
10	1-2, PARCEL 24	3.267 Ac.
11	1-3, P/O PARCEL 2	15.564 Ac.
12	1-2, P/O PARCEL 21	17.163 Ac.
13	1-2, P/O PARCELS 18 & 18.1	18.298 Ac.
14	1-3, P/O PARCEL 2	19.113 Ac.
15	1-2, P/O PARCEL 20	5.369 Ac.
16	1-2, P/O PARCEL 19	38.713 Ac.

SURFACE TRACT OWNERS & TAX PARCEL

- 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# 1-8-1.3
- 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# 1-8-1.1
- 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. ROY L HALL 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	
		Thomas E. McCauley	
		Richard L. McCauley	
		Judy A. Eckman	
		Robert Stewart	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Clifford J. Wise	
		Regina Wise Myers AKA Violet Regina Myers	
		Eleanor J. Wise	
		Waller C. Ord	
2	1-8-3.1	James Freeman Stewart	BARBARA J WAGNER
		Victor E. Wise	
		Zelda Ruth Brummage	
		Evaloe A. Everly Shaheen	
		Dexter Murie Stewart	
		Justin P. Stewart	
		Annette E. Stewart	
		Debora Goff	
		Walter R. Currence	
		Maureen S. Currence	
		Michelle L. Currence	
3	1-8-1.3	Phyllis J. Petrosky	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART
		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 Stoppelton and Donald Stoppelton	
		Jane Irons	
		Melissa Bookout	
4	1-8-1.2	Eileen Ann Lyle	DAVID W & ELIZABETH K DEATON
		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	
		Becky Bortnick Hawkins	
		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. 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	
		CBC Holdings, LLC	
5	1-3-3.1	Edward L. Thomas and Diana Lee Thomas	STEVEN M MACYDA
		David Wayne Thomas	
		Dorothy L. Stewart and Harold L. Stewart Jr.	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Steven M. Macyda	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		CBC Holdings, LLC	
6	1-8-1.5	Gary L. Neely and Arlene Neely	GARY L & ARLENE ANN NEELY
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		Steven M. Macyda	
		Earl W. Kennedy	
		CBC Holdings, LLC	
7	1-8-1.1	Gary L. Neely and Arlene Neely	GARY L & ARLENE ANN NEELY
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
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		Earl W. Kennedy	
		Steven M. Macyda	
		Earl W. Kennedy	
		CBC Holdings, LLC	
8	1-3-3	Steven M. Macyda	STEVEN M MACYDA
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		Steven M. Macyda	
		Earl W. Kennedy	
		CBC Holdings, LLC	
9	1-2-22	Mt. Tabor Methodist Episcopal Church	MT TABOR CEMETERY
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		Steven M. Macyda	
		Earl W. Kennedy	
		CBC Holdings, LLC	
10	1-2-24	Mt. Tabor Methodist Episcopal Church	MT TABOR M E CHURCH
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		CBC Holdings, LLC	
		Gary L. Neely and Arlene Neely	
		Earl W. Kennedy	
		Steven M. Macyda	
		Earl W. Kennedy	
		CBC Holdings, LLC	
11	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY LLC
		Lucy Mae Stickle	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		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.			

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 601 57TH STREET
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Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road Phone: 412-219-4509
 Sewickley, PA 15143 Email: info@shefflerco.com

DATE: April 3, 2018, Rev. May 11, 2018

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 Gas Liquid Injection Storage Shallow
 OPERATOR'S WELL #: WDTN5BHSU
 API WELL # 47 061
 STATE COUNTY PERMIT

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
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 City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378

UOLD

09/28/2018

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
11 (CONT.)	1-3-2	Alex Tate	CONSOL MINING COMPANY LLC
		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	
		Sandra Pixler	
		Victor A. White (4/147)	
12	1-2-21	Cheryl Lynn Bennett Frankenfield	ROY LEE JR & ERICA E HALL
Connie Lee Norwood			
Beth Ellen Younck, a/k/a Beth Ellen Bennett			
Ewing Albert Bennett			
Cheryl Lynn Bennett Frankenfield			
Emily B. Vallin			
Jennifer Sue Carpenter			
Shirley Dotterer Wadsworth			
Kathryn Dotterer Vahl			
Thelma R. Dotterer Chowning			
Marc D. Prochazka			
Richard Leslie Puchstein			
Carl Eric Puchstein			
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			
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R HALL, LEONARD EDWARD HALL JR
Samuel William Stewart and Barbara C. Stewart			
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 LLC
		Lucy Mae Stickley	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		Richard H. Benson, II	
		Alvy S. White	
		Anita Talbott	
		Karen I. Meyers	
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		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			
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	Merrion Oil and Gas Corporation	ROY L HALL
16	1-2-19	Merrion Oil and Gas Corporation	ROY L HALL
		Hu's Land and Minerals LLC	

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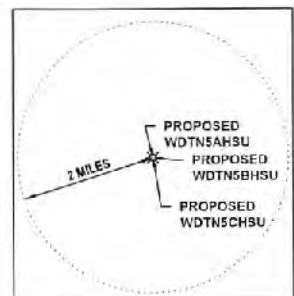
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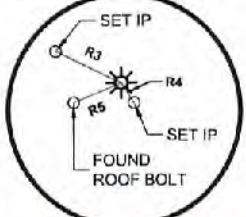
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 UNIT BOUNDARY = 240.385 ACRES

LEGEND

	TOPO MAP POINT		ALL ARE POINTS UNLESS OTHERWISE NOTED
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	WATER SOURCE		UNIT BOUNDARY
	SPRING		PROPOSED HORIZONTAL WELL
	SURFACE TRACT		SURFACE, OIL & GAS LINES
	LEASED NUMBER BASED ON ATTACHED WDTN5B		SURFACE TRACT LINES ONLY
	WELLS WITHIN 3000'		GAS LEASE LINES ONLY
	RECORD GAS WELL		WELL REFERENCE
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			ROAD
			FORCED POOLING AREAS

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 DRAWING # 3601 - WDTN5B.DWG
 SCALE: 1"=2000'
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I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED:

R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304

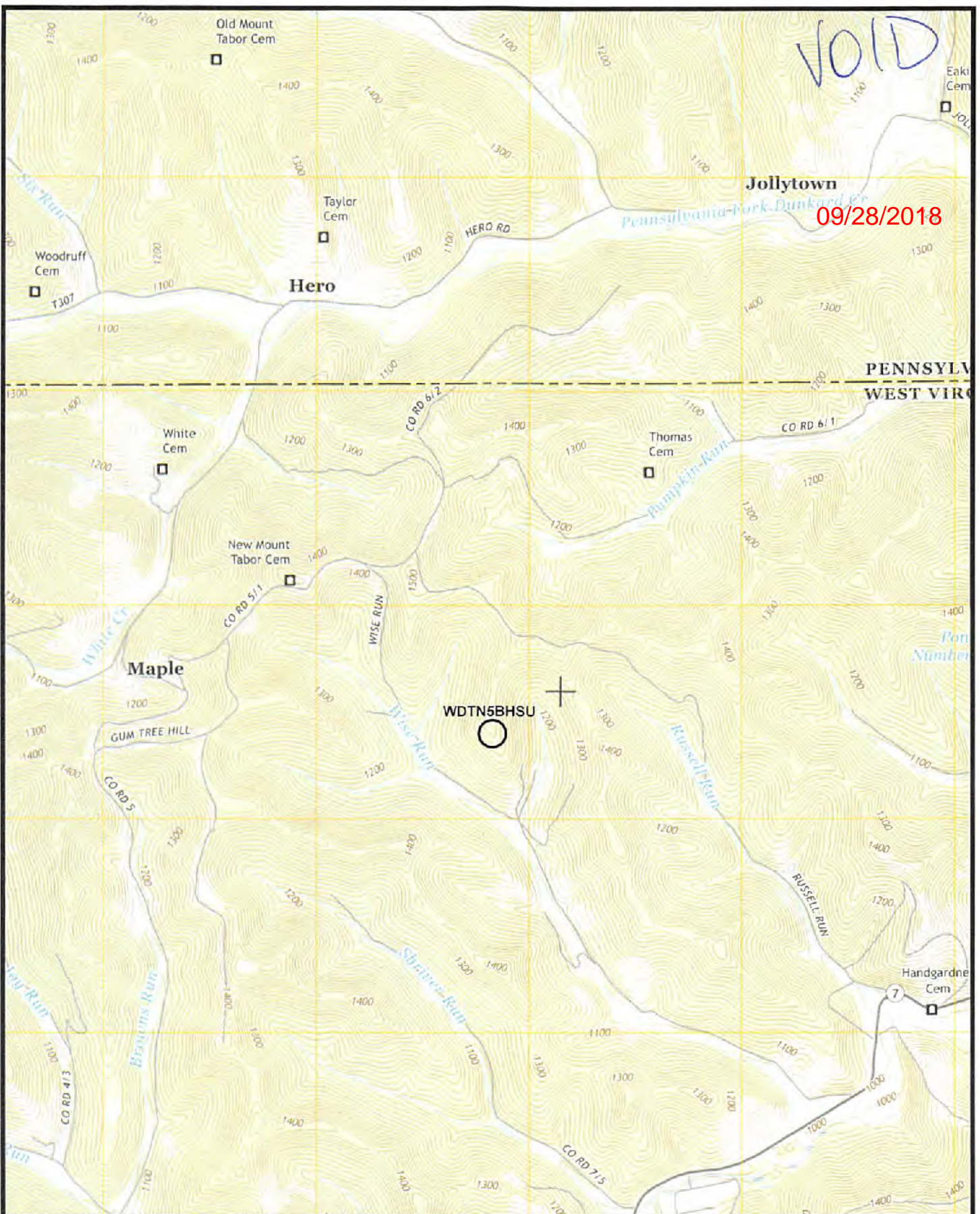
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 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, 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

DATE: April 3, 2018, Rev. May 10, 2018
 OPERATOR'S WELL #: WDTN5BHSU
 API WELL # 47 061
 STATE COUNTY PERMIT



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: April 3, 2018, Rev. May 10, 2018

OPERATOR'S WELL #: WDTN5BHSU

API WELL #	<u>47</u>	<u>061</u>	
	STATE	COUNTY	PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHIED: DUNKARD CREEK ELEVATION: 1412'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV

SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36

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 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' ±

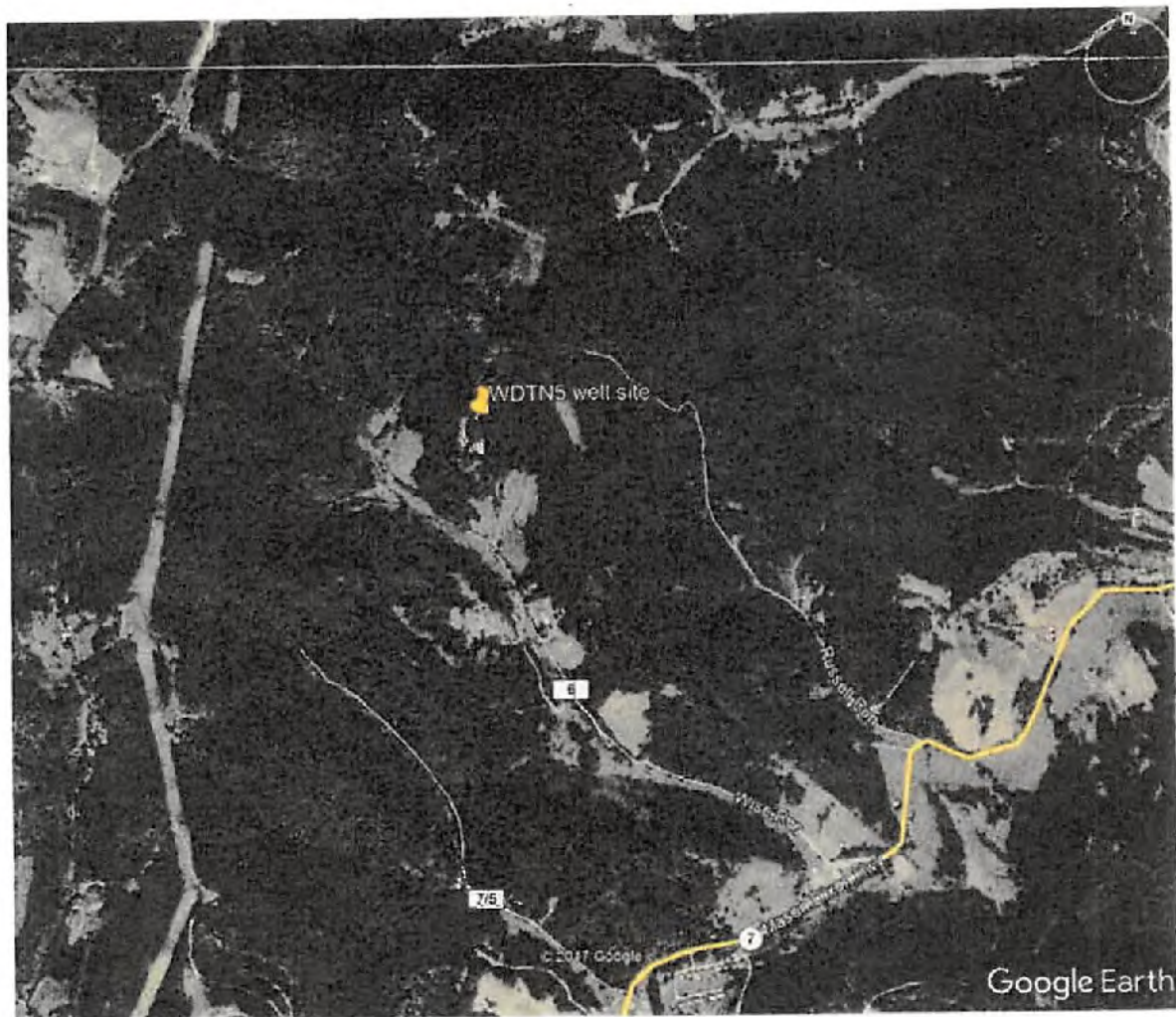
WELL OPERATOR: CNX GAS COMPANY, LLC DESIGNATED AGENT: CHRIS TURNER

Address: 1000 CONSOL ENERGY DRIVE Address: 1 DOMINION DRIVE

City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378



Site Safety Plan for Well Site: WDTN5AHSU CNX Gas Company, LLC.



MDK 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 Environmental Protection, Office of Oil and Gas

And

West Virginia Oil and Gas Conservation Commission.

Approved this day 4 of month April, 2018 by



Date: 4/2/2018

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.

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1.0 Contacts, Scheduling, and Meetings

09/28/2018

1.1 Emergency points of contact for CNX Gas Company, LLC covering all phases of activity (24hr Contact Info)

STEP 2. NOTIFY: PRIORITIZED BUSINESS UNIT MANAGEMENT – Immediate Notification					
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	Drilling Superintendent	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	Safety Specialist	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				
<i>SERVICES</i>	<i>COMPANY</i>	<i>OFFICE</i>	<i>CELL/HOME</i>	<i>Contact</i>
Well Control	Wild Well Control	(281) 784-4700	(432) 550-6202	
Well Control	Boots Coots	1-800-BLOWOUT	(281) 931-8884	
Well Control	APS 24 Hr Marcellus	724-354-2607	724-422-8966	Will Warfel
			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
Labor/Equipment	APS 24 Hr Marcellus	724-354-2607	724-422-8966	Will Warfel
			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	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	

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
Gormanian 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. _____		
5. _____		
6. _____		
7. _____		
8. _____		
9. _____		
10. _____		
11. _____		
12. _____		
13. _____		
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.

Once drilling operations are complete, a pre-completions safety meeting will be conducted with 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

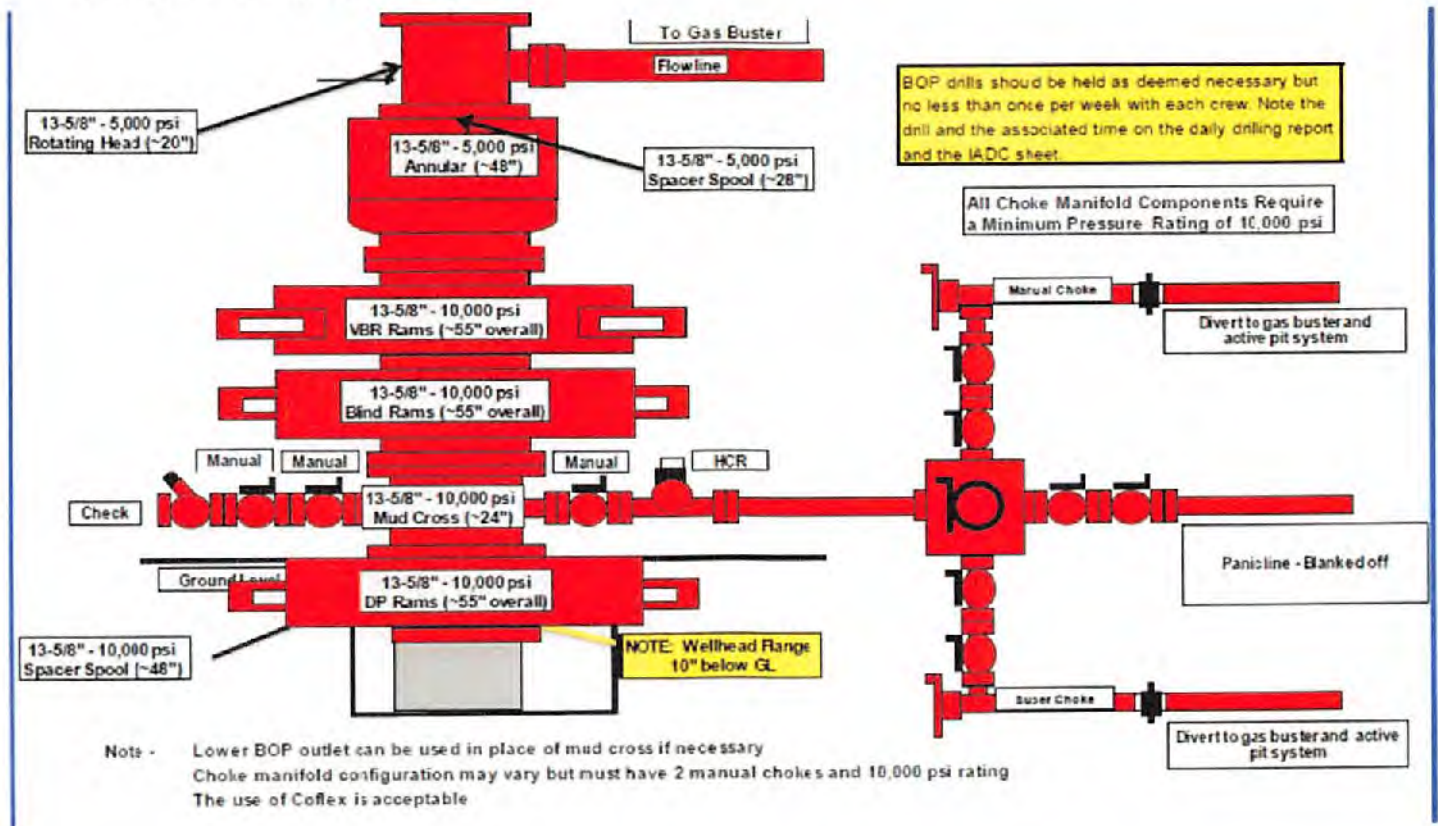
A contracted drilling mud service will maintain all required components for the mixing of mud for well kill operations in compliance with API RP 53. Materials on site for mixing mud will include, but not be

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

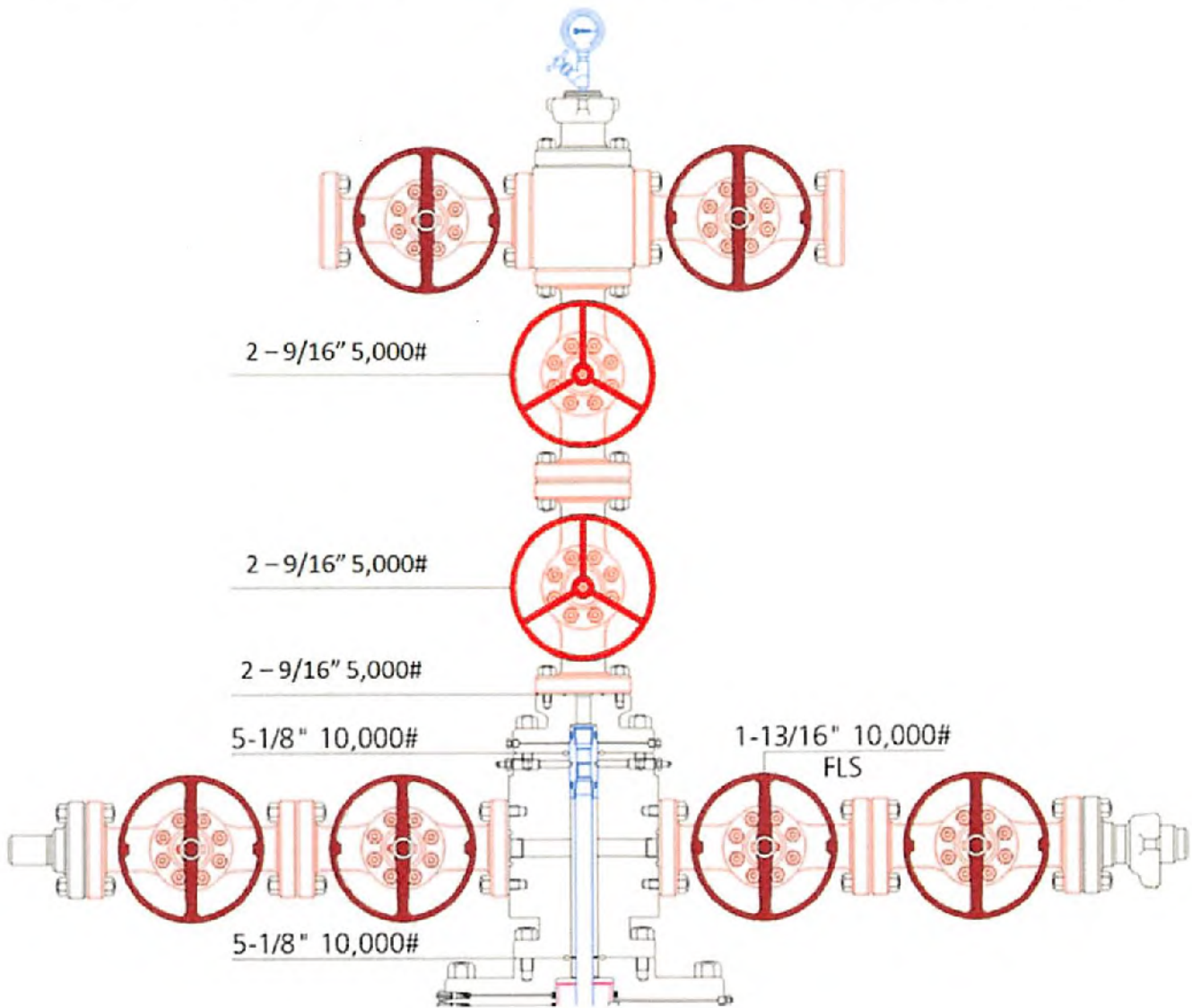
Detailed records of significant drilling events such as lost circulation, fluid entry, kicks, abnormal pressures, etc. are maintained through a daily log in the onsite office. The daily log allows the drilling site supervisor to enter daily reports containing the specified information. The records are 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

09/28/2018

Below is a diagram of the wellhead to be installed upon completion of stimulation operations.



5.5 Well Kill

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

DAILY RECORDED OPERATIONAL FIELD DATA

Location: _____ Rig # _____ Completed By: _____ Surface pg 1 of 5

CASING		Casing		BOP	
OO (in)		BOP			
ID (in)		Test Rating	(ppg)		
Internal Yield @ 100% (gal)		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Draw/Redraw Graphic </div>			
Safety Factor (%)					
Internal Yield (gal)					
Capacity MD (ft)					

LINEERS			
	Lineer 1	Lineer 2	Lineer 3
OO (in)			
ID (in)			
Internal Yield @ 100% (gal)			
Safety Factor (%)			
Internal Yield (gal)			
IDCL MD (ft)			
Lineer shoe MD (ft)			

Drill String Length and Hole Size		
Hole TD MD (ft)	Bx	
Drill String MD (ft)	Size	(in)

Note - Build Component String Below-Up			
Drill String Component	1	2	3
OO (in)			
ID (in)			
Cap (bbbl/ft)			
Length MD (ft)			
Drill String Component	4	5	6
OO (in)			
ID (in)			
Cap (bbbl/ft)			
Length MD (ft)			
Drill String Component	7	8	9
OO (in)			
ID (in)			
Cap (bbbl/ft)			
Length MD (ft)			

SURFACE VOLUMES	
Surface Line Volume (bbbl)	
Active Ph. Volume (bbbl)	

FORMATION TESTS			
Leak-Off Test Pressure w/ Test Mud Wt. (MAASP) (psi)			
Leak-Off Test Mud Vt. (opp)			
Test Depth Cap or Line shoe TVD (ft)			
Maximum (ppg)			
Minimum (ppg)			

PUMPS			
Pump #1	Pump #2 or Auxiliary		
Output (bbbl/min)	Output (bbbl/min)		
Maximum Pump Pressure (psi)	Maximum Pump Pressure (psi)		

KILL RATE SPEED (Slow Pump Rate)			
	Kill Rate Speed (rpm/min)	Pump Pressure (psi)	Circulating Rate (bbbl/min)
Pump #1			
Pump #2 or Auxiliary			

ANNULAR CAPACITY BETWEEN	
(bbbl/ft)	

PRESENT MUD WT	LEAK OFF PRESSURE
Mud Weight (ppg)	Leak Off Test Pressure (psi)
	Present Mud Wt (MAASP)

WELL CONTROL OPERATIONS					
Determining Stable Shut In Drill Pipe & Casing Pressures to Complete KillSheet					
Initial Time the Well was Shut In (hour)	Time (min)	SDPP (psi)			
	SCP (psi)				

Well Control Information Required to Complete KillSheet and Assist Operations					
Kick Depth-TVD (ft)	Shut In Drill Pipe Pressure (psi)	Kick Size (bbbl)	Shut In Casing Pressure (psi)	Present Mud Wt (ppg)	Kill Rate (bbbl/min)

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 on-site 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:

$$SF^* = CC \div [UR_{ref} + UR_{off}]$$

CC - well separation distance (center to center of wellbores)

UR_{ref} - radius ellipse of uncertainty on reference well

UR_{off} - 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.

09/28/2018
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.



09/28/2018

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: _____ Date: _____
Company: _____

• Directional Driller: _____ Date: _____
Company: _____

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.

09/28/2018

Appendix

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

1) Well Operator: CNX Gas Company LLC

<u>494458046</u>	<u>Monongalia</u>	<u>Battelle</u>	<u>Wadestown</u>
------------------	-------------------	-----------------	------------------

Operator ID County District Quadrangle

2) Operator's Well Number: WDTN5AHSU Well Pad Name: WDTN5

3) Farm Name/Surface Owner: Wise Public Road Access: CR6 Wise Run

4) Elevation, current ground: 1400 Elevation, proposed post-construction: 1389

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

(b) If Gas Shallow Deep
Horizontal

6) Existing Pad: Yes or No No *Harper J Kim 4/14/2018*

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant, Top=13,270', 75' thick, expected formation pressure ~12,000 psi

8) Proposed Total Vertical Depth: 13,335'

9) Formation at Total Vertical Depth: Point Pleasant

10) Proposed Total Measured Depth: 21,228'

11) Proposed Horizontal Leg Length: 7,390'

12) Approximate Fresh Water Strata Depths: 125', 1070'

13) Method to Determine Fresh Water Depths: Depth of bit when water shows in flowline or depth when misting is required

14) Approximate Saltwater Depths: 2180', 2625'

15) Approximate Coal Seam Depths: 709', 970', 1,058', 1,063'

16) Approximate Depth to Possible Void (coal mine, karst, other): None anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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			

Liners N/A

Handwritten signature and date: 4/11/2018

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	<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

Kind:	n/a			
Sizes:				
Depths Set:				

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 SOBMs. 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 SOBMs. 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 PBD. 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 SOBMs 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.**



DRILLING WELL PLAN
WDTN-5A-HSU (Utica HZ)
 Utica Shale Horizontal
 Monongalia County, WV

Ground Elevation		WDTN-5A-HSU SHL		WDTN-5A-HSU LP		WDTN-5A-HSU BHL		CENTRALIZERS		CONDITIONING		COMMENTS	
Azimuth		315°		315°		315°							
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	MID	TVD	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS			
	30"	26" LJS	Conductor	100	100	AIR	To Surface	N/A	N/A	Stabilize surface fill/soil			
	24"	18-5/8" 87.5# J-55 BTC	Shallowest Fresh Water Waynesburg 1 Coal Pittsburgh Coal		125 709 1063	AIR / FW Mist	15.6 ppg Class A 20% OH Excess Yield = 1.19 TOC @ surface	Centralize every 3rd joint from shoe to surface (bow spring)	Ensure the hole is clean at section TD	Set through FW & coal zones Cemented to surface 18-5/8" shoe NOT to be set deeper than ground level			
	17-1/2"	13-3/8" 81.0# J-55 BTC	FW/Coal Casing Big Lime Big Injun Price 1st Intermediate Csg	1380	1380 2475 2565 2805 3055	AIR / Soap	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	Set through potential salt water zones Cemented to surface Casing to be set ~200'-250' below the Big Injun base			
	12-1/4"	9-5/8" 43.5# P-110 LTC	Gordon Elks Tully Mercellus Onondaga Sallina Lockport Tuscarora Queenston Reedsville	3055	3390 5165 7530 7670 7740 8620 9365 10590 10840 11860	AIR / Brine	Load: 12.5 ppg Class A Yield = 2.03 TOL @ >= 200' above 13-3/8" shoe Tail: 15.2 ppg Class A Yield = 1.24 TOT @ ~1000' above 9-5/8" shoe 10% OH Excess TOC @ >= 200' above 13-3/8" shoe	Centralize every 3rd joint from shoe to TOC (bow spring)	Ensure the hole is clean at section TD Load hole with SOBM prior to running casing Displace cement with SOBM	Casing to be set ~100' TVD into the Reedsville Note: For all strings, actual centralizer placements may be changed due to hole conditions Note: For all strings, actual cement blends may vary slightly depending upon service company utilized			
	8-1/2" Curve & Lateral	5-1/2" 23.0# Q-125 VAR	Utica Point Pleasant Production Casing	12054	11960 13130 13270 13335	14.0-14.5 ppg SOBM	16.6 ppg Class H 10% OH Excess Yield = 1.24 TOC @ ~7500'	Centralize every joint from shoe to KOP (single-piece/rigid bow centralizers)	Once at TD, circulate at max flowrate with max rotation until shakers clean-up (typically requires multiple bottoms-up). Once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement.				

LP @ +/- 13335' TVD
 8-1/2" Hole - Cemented Long String
 5-1/2" 23.0# Q-125 VAR
 +/- 7380' Lateral
 TD @ +/- 13335' TVD

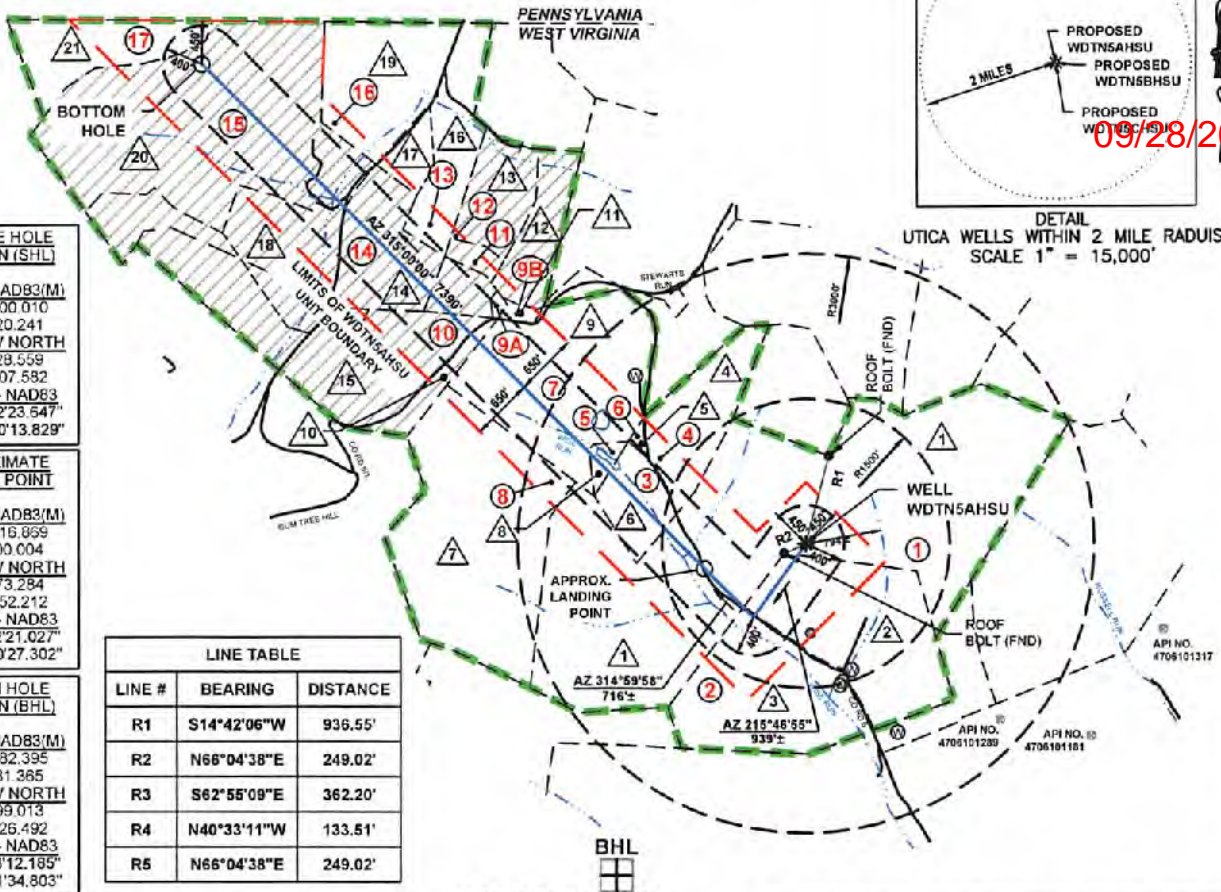
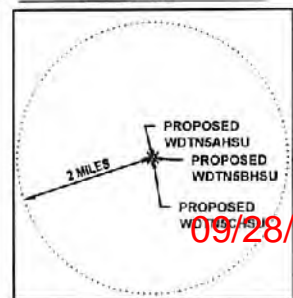
09/28/2018

WELL: WDTN 5 HSU					
Top Depth from Ground Elevation (TVD)	Formation		Coal Seam Thickness (FEET)	Minable Coal Seam	General Rock Type
	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	Coal
709	Waynesburg 1		3.24	yes	
970	Sewickley Coal		6.18	yes	
1058	Roof Coal Zone		4.2	yes	
1063	Pittsburgh Coal		7.34	yes	
1070	Possible Water Expected	WATER			
1530	Brush Creek Coal		0.76	no	Coal
1643	Upper Freeport Coal		1.56	no	
1681	Lower Freeport Coal		1.47	no	
1745	Upper Kittanning Coal		1.18	no	
1853	Lower Kittanning Coal		0.98	no	
1903	Clarion		1.55	no	
1973	Brookville Coal		0.1	no	
2475	Big Lime				Limestone
2565	Big Injun	Thief Zone			Sand
2805	Price Formation				Shale
3255	50 Foot				Sandstone
3390	Gordon				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	High Pressure and Volume			Black Shale
7705	Purcell				Limestone
7710	Middle Marcellus				Black Shale
7720	Cherry Valley				Limestone
7725	Lower Marcellus				Black Shale
7740	Onondaga Limestone				Limestone
8005	Oriskany Sandstone				Sandstone
8090	Helderberg Limestone				Limestone
8620	Salina				Salt
9365	Lockport Dolomite				Dolomite
10040	Rochester Shale				Grey Shale
10590	Tuscarora Sandstone				Sandstone
10840	Queenston Shale				Red Shale
11860	Reedsville Shale				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****

SHL is located on topo map 642 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 10,799 feet south of Latitude: 39° 45' 00"

SHL is located on topo map 1,080 feet west of Longitude: 80° 20' 00"
 BHL is located on topo map 7,324 feet west of Longitude: 80° 20' 00"



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(M)
 N: 4395400.010
 E: 556620.241
 NAD27 - WV NORTH
 N: 440528.559
 E: 1764407.582
 LAT/LON - NAD83
 LAT: 39°42'23.547"
 LON: 80°20'13.829"

APPROXIMATE LANDING POINT
 UTM 17 - NAD83(M)
 N: 4395316.869
 E: 555500.004
 NAD27 - WV NORTH
 N: 440273.284
 E: 1763352.212
 LAT/LON - NAD83
 LAT: 39°42'21.027"
 LON: 80°20'27.302"

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83(M)
 N: 4395682.395
 E: 554881.365
 NAD27 - WV NORTH
 N: 445499.013
 E: 1758125.492
 LAT/LON - NAD83
 LAT: 39°43'12.189"
 LON: 80°21'34.803"

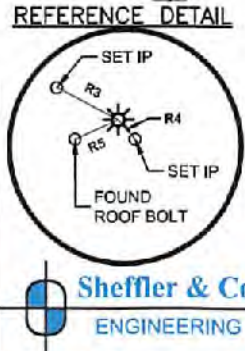
LINE #	BEARING	DISTANCE
R1	S14°42'06"W	936.55'
R2	N66°04'38"E	249.02'
R3	S62°55'09"E	362.20'
R4	N40°33'11"W	133.51'
R5	N66°04'38"E	249.02'

NO DEEP WELLS WITHIN 3000'

MINERAL TRACT BOUNDARY = 871.425 ACRES
UNIT BOUNDARY = 304.564 ACRES

LEGEND

	TOPO MAP POINT		PROPOSED WELL		WATER SOURCE		SPRING		SURFACE TRACT		LEASED NUMBER BASED ON ATTACHED WDTNSA		WELLS WITHIN 3000'		RECORD GAS WELL		FORCED POOLING AREAS		
	ALL ARE POINTS UNLESS OTHERWISE NOTED		LEASE BOUNDARY		UNIT BOUNDARY		PROPOSED HORIZONTAL WELL		SURFACE OIL & GAS LINES		SURFACE TRACT LINES ONLY		GAS LEASE LINES ONLY		WELL REFERENCE		STREAM/WATERWAY		ROAD



- NOTES:**
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road
 Sewickley, PA 15143
 Phone: 412-219-4509
 Email: info@shefflerCo.com

FILE #: WDTN5IHSM
 DRAWING #: 3601 - WDTN5A.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE: USGS MONUMENT
 OF ELEVATION: JX1864: 1,496.32'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED:

R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: April 3, 2018, Rev. May 2, 2018
 OPERATOR'S WELL #: WDTN5AHSU
 API WELL # 47 061
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 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

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 PARCEL 3 & 3.1	27.795 Ac
3	1-8, PARCEL 1	13.128 Ac
4	1-8, 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	6.491 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 PARCEL 18 & 18.1	4.869 Ac
14	1-2, P/O PARCEL 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

SURFACE TRACT OWNERS & TAX PARCEL

- | | |
|-------------------------------------|--------------|
| 1. DINA M WISE ET AL | TM# 1-8-2 |
| 2. BARBARA J. WAGNER | TM# 1-8-3.1 |
| 3. BARBARA J. WAGNER | TM# 1-8-3 |
| 4. DAVID W & ELIZABETH K DEATON | TM# 1-8-1.2 |
| 5. GARY L & ARLENE ANN NEELY | TM# 1-8-1.5 |
| 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# 1-8-1.4 |
| 9. GARY L & ARLENE ANN NEELY | TM# 1-8-1.1 |
| 10. ROBERT ANTHONY LAUER III | TM# 1-2-16 |
| 11. MT. TABOR CEMETERY | TM# 1-2-22 |
| 12. CONSOL MINING COMPANY LLC | TM# 1-3-2 |
| 13. ROY LEE JR. & ERICA E. HALL | TM# 1-2-21 |
| 14. THOMAS M. BARNHOUSE | TM# 1-2-17 |
| 15. DELORES J. HARRISON | TM# 1-2-16.2 |
| 16. LEONARD EDWARD HALL JR. | TM# 1-2-18.1 |
| 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# 1-2-19 |
| 20. DAVID & NANCY LIMING | TM# 1-2-14 |
| 21. HUSKIE LUMBER COMPANY INC | TM# 1-2-13 |

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
1	1-8-2	Richard W. Wise	DINA M WISE ET AL
		Donald Wise	
		Thomas E. McCauley	
		Richard L. McCauley	
		Judy A. Eckman	
		Robert Stewart	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Clifford J. Wise	
		Regina Wise Myers AKA Violet Regina Myers	
		Eleanor J. Wise	
		Walter C. Ord	
		James Freeman Stewart	
		Victor E. Wise	
		Zelda Ruth Brummage	
		Evalee A. Everty Shaheen	
		Dexter Murle 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			
Becky Bortnick Hawkins			
2	1-8-3 & 1-8-3.1	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, 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	
3	1-8-1	CBC Holdings, LLC	HENRY W & LYNDA M AREHEART
		Henry W. Areheart and Lynda M. Areheart	
4	1-8-1.2	CBC Holdings, LLC	DAVID W & ELIZABETH K DEATON
		David W. Deaton and Elizabeth K. Deaton	
5	1-8-1.4	CBC Holdings, LLC	HENRY W & LYNDA M. AREHEART
		Henry W. Areheart and Lynda M. Areheart	
6	1-8-1.5	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
		Gary L. Neely and Arlene Neely	
7	1-8-1.1	CBC Holdings, LLC	GARY L & ARLENE ANN NEELY
		Gary L. Neely and Arlene Neely	
8	1-9-17	Ralph Six	CONSOL MINING COMPANY LLC
9A	1-2-22	Mt. Tabor Methodist Episcopal Church	MT. TABOR CEMETERY
9B	1-2-22	Mt. Tabor Methodist Episcopal Church	MT. TABOR CEMETERY
10	1-2-16, 1-2-16.2, P/O 1-2-17, and P/O 1-2-17.1	Glenn L. White, individually and as trustee of Glenn L. White Trust	ROBERT ANTHONY LAUER III, DELORES J. HARRISON, THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	
		David T. White and Sarah K. White	
		Elizabeth A. Martineau, a/k/a Elizabeth Ada Snyder	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
		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	
		Laurence D. Hare	
		Cheryl Molesky	
		Eldon Bryant Tucker and Brenda Sue Tucker	
		James Tucker and Flora Sue Tucker	
Robert Earl Tucker and Patricia Ruth Tucker			
David Tucker			

09/28/2018

(+) 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 Phone: 412-219-4509
 Sewickley, PA 15143 Email: info@shefflerCo.com

DATE: April 3, 2018, Rev. May 2, 2018

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 OPERATOR'S WELL #: WDTN5AHSU
 API WELL # 47 061
 STATE COUNTY PERMIT

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

- DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 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

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
10 (CONT.)	1-2-16, 1-2-16.2, P/O 1-2-17, and P/O 1-2-17.1	Charles Tucker and Barbara Arpino-Tucker	ROBERT ANTHONY LAUER III, DELCRES J. HARRISON, THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		Alice T. Boone	
		Three Rivers Royalty II LLC	
		Donald Pelger	
		Chase Schwesenska	
		Chris Pelger	
		Carl L. Anderson and Sandra L. Anderson	
		David Wayne Anderson	
		David C. Anderson	
		Shannon Harker	
		John Pelger	
		Brenda A. Murphy	
		Vickie L. Simmons	
		Sherry C. McCoy	
11	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY LLC
		Lucy Mae Stickley	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		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	
		12	
Connie Lee Norwood			
Beth Ellen Younciak, a/k/a Beth Ellen Bennett			
Ewing Albert Bennett			
Cheryl Lynn Bennett Frankenfield			
Emily B. Vallin			
Jennifer Sue Carpenter			
Shirley Dotterer Wadsworth			
Kathryn Dotterer Vahl			
Thelma R. Dotterer Chowning			
Marc D. Prochazka			
Richard Leslie Puchstein			
Carl Eric Puchstein			
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			
13	1-2-18 & 1-2-18.1	John Samuel Stewart	JASON BRIAN & LINDSEY R. HALL, LEONARD EDWARD HALL JR.
		Samuel William Stewart and Barbara C. Stewart	
14	P/O 1-2-17, and P/O 1-2-17.1	Merrion Oil and Gas Corporation	THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		Hu's Land and Minerals LLC	
		Glenn L. White, individually and as trustee of Glenn L. White Trust	
		Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew	
		David T. White and Sarah K. White	
		Elizabeth A. Martineau, a/k/a Elizabeth Ada Snyder	
		Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley	
		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			
Laurence D. Hare			
Cheryl Molesky			
Eldon Bryant Tucker and Brenda Sue Tucker			
James Tucker and Flora Siu Tucker			

09/28/2018

(+) 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 2, 2018

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1412'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV

SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36

OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

OPERATOR'S WELL #: WDTN5AHSU

API WELL # 47 061 STATE COUNTY PERMIT

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

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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
14 (CONT.)	P/O 1-2-17, and P/O 1-2-17.1	Robert Earl Tucker and Patricia Ruth Tucker	THOMAS M. BARNHOUSE, FREDERICK JR. & PATRICIA MORGAN
		David Tucker	
		Charles Tucker and Barbara Arpino-Tucker	
		Alice T. Boone	
		Three Rivers Royalty II LLC	
		Donald Pelger	
		Chase Schwersenska	
		Chris Pelger	
		Carl L. Anderson and Sandra L. Anderson	
		David Wayne Anderson	
		David C. Anderson	
		Shannon Harker	
		John Pelger	
		Brenda A. Murphy	
		Vickie L. Simmons	
		Sherry C. McCoy	
		Kelly Dilbeck (1/1152)	
		XTO Energy, Inc. (3/8)	
		Holly Pelger Harker (1/640)	
		15	
Nancy Liming and David Liming			
Sharon White Bartholomew, a/k/a Sharon Ruth White Bartholomew			
David T. White and Sarah K. White			
Elizabeth A. Martineau, a/k/a, Elizabeth Ada Snyder			
Rebecca Snyder Bromley, a/k/a Alice Rebecca Snyder Bromley			
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			
Laurence D. Hare			
Cheryl Molesky			
Eldon Bryant Tucker and Brenda Sue Tucker			
James Tucker and Flora Siu Tucker			
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Donald Pelger			
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John Pelger			
David C. Anderson			
Brenda A. Murphy			
Vickie L. Simmons			
Sherry C. McCoy			
Kelly Dilbeck (1/1152)			
XTO Energy, Inc. (3/8)			
Holly Pelger Harker (1/640)			
16	1-2-19	Merrion Oil and Gas Corporation	ROY L. HALL
17	1-2-13	Huskie Lumber Co., Inc	HUSKIE LUMBER COMPANY INC
		Ralph Six	

09/28/2018

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1712 Mount Nebo Road Phone: 412-219-4509
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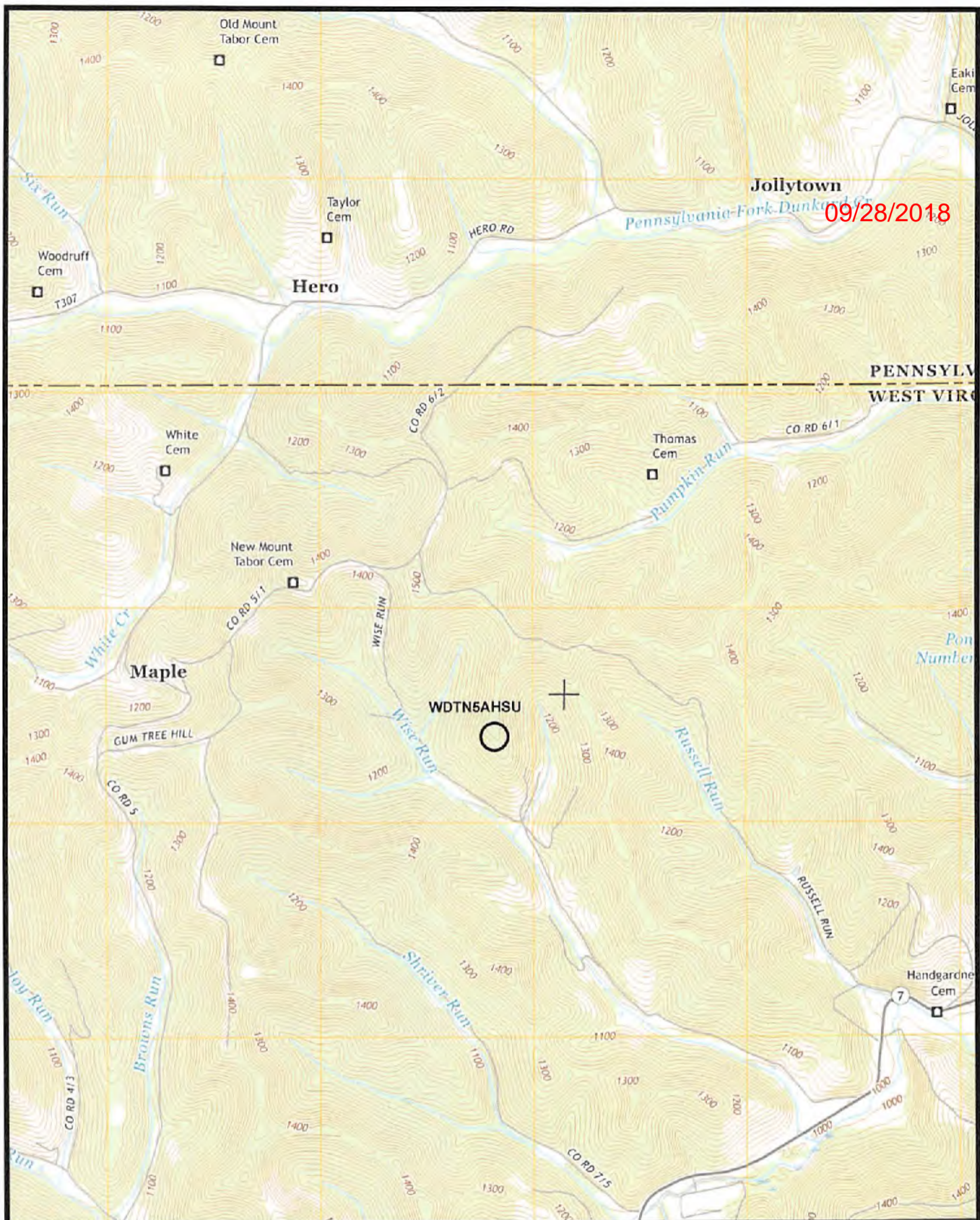
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

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OPERATOR'S WELL #: WDTN5AHSU

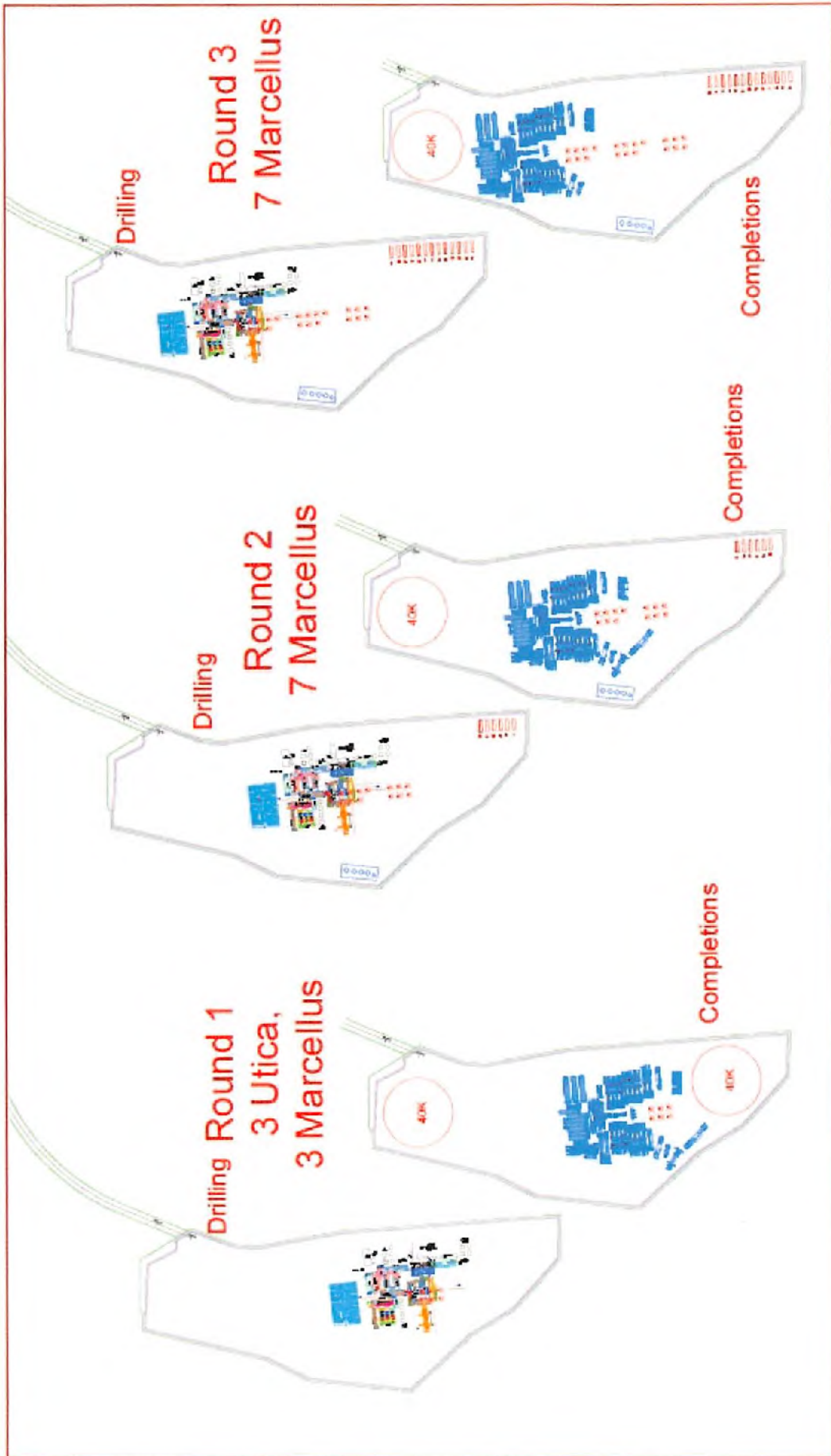
API WELL # 47 061
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Well Type: Oil Waste Disposal Production Deep
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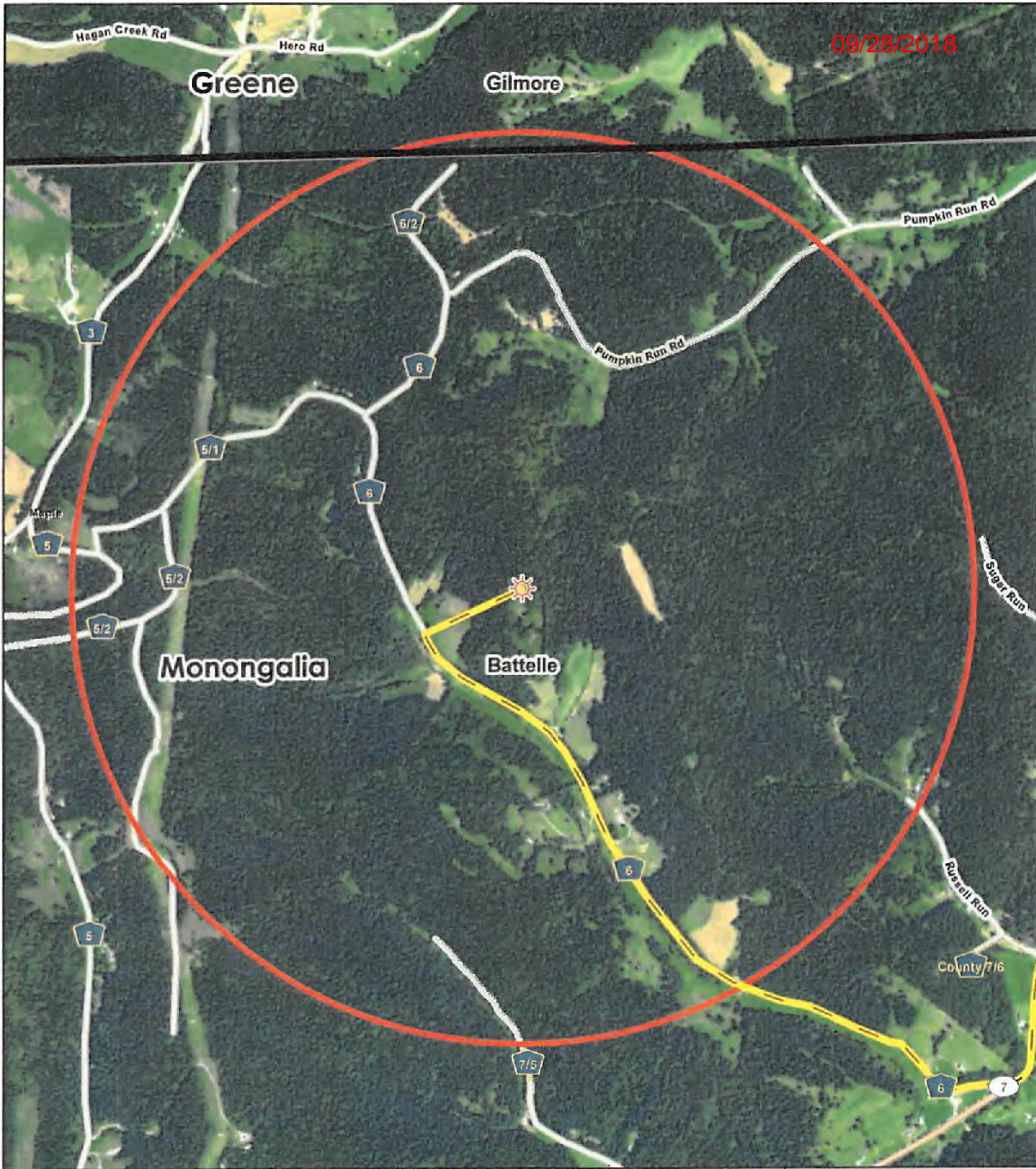
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 WELL OPERATOR: CNX GAS COMPANY, LLC DESIGNATED AGENT: CHRIS TURNER
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 City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378



Production



09/28/2018



Legend Wellbore Evacuation Route 1 Mile Evacuation Buffer			 CNX Center, Canonsburg, PA
	Original Date: 7/20/2017 Revision Date: 7/20/2017	Prepared By: GIS Approved By: GIS	
Directions: Head west from pad and turn left onto County Highway 6, follow Highway 6 to Route 7 and turn left onto Route 7.			This map is property of CNX Land Resources Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent. © Copyright CNX Land Resources Inc. 2011

DRIVING DIRECTIONS FOR CNX WDTNSIHSM WELL SITE

09/28/2018

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

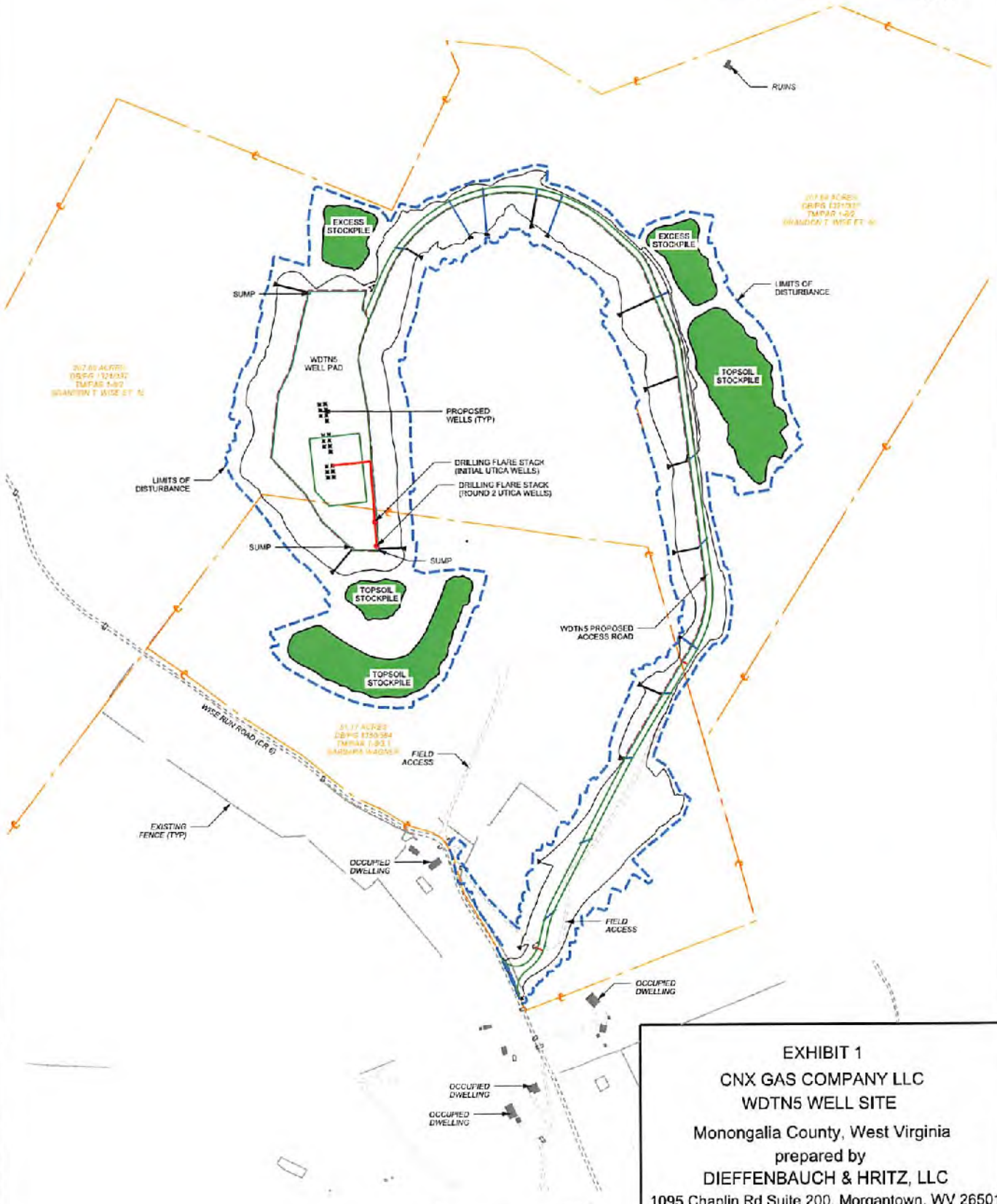
Wana, WV 26590

(304) 662-6331

09/28/2018



PREVAILING WIND



1:500 5/2/2018 3:25:50 PM K:\CNX\Waynesburg\1216067 - WTN\Common\WDTNS MAP.dgn

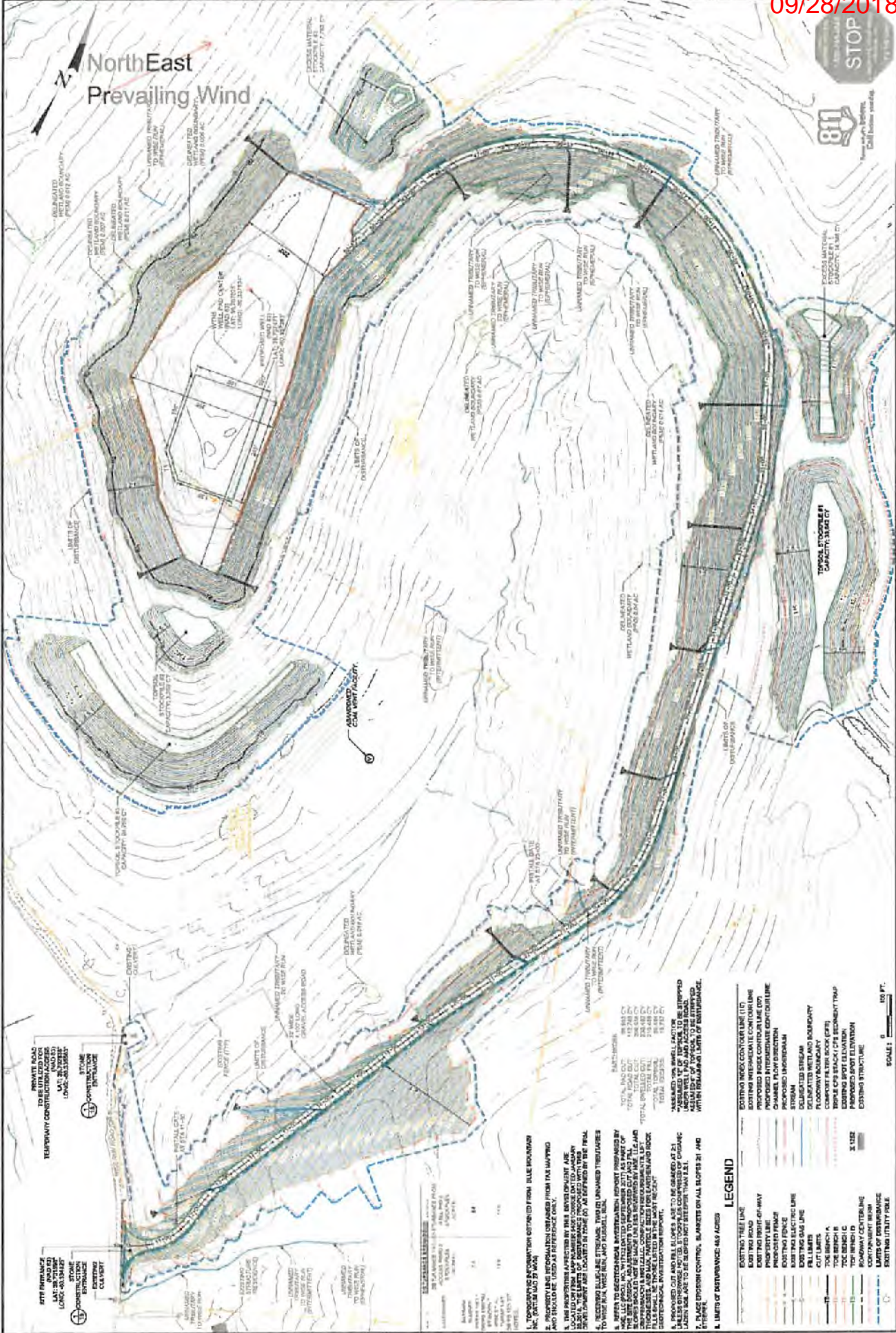
SCALE: 0 500 ft.

EXHIBIT 1
CNX GAS COMPANY LLC
WDTNS WELL SITE
 Monongalia County, West Virginia
 prepared by
DIEFFENBAUCH & HRITZ, LLC
 1095 Chaplin Rd Suite 200, Morgantown, WV 26501
 Phone: 304-985-5555 Fax: 304-985-5557



DIFFENBAUGH & HIRTZLRO
1000 2nd Floor, Suite 200
Washington, VA 22187
703.468.1155

DATE	10/1/18
BY	JDH
APP'D	[Signature]
SCALE	AS SHOWN
PROJECT	WVNS WELL SITE
SHEET NO.	5
TOTAL SHEETS	5



North East
Prevailing Wind



STREET ADDRESS TO BE DETERMINED BY THE LOCAL JURISDICTION
 STONE
 CONSTRUCTION
 EXTENDED
 CLARIFY

NO.	DESCRIPTION	AREA (SQ. FT.)	PERCENT
1	UNPAVED TRAILWAY	1,100	1.1%
2	WETLANDS	1,100	1.1%
3	PROPOSED ROAD	1,100	1.1%
4	PROPOSED FENCE	1,100	1.1%
5	PROPOSED FLOODWAY	1,100	1.1%
6	PROPOSED STRUCTURE	1,100	1.1%
7	PROPOSED BRANCH	1,100	1.1%
8	PROPOSED BRANCH B	1,100	1.1%
9	PROPOSED BRANCH C	1,100	1.1%
10	PROPOSED BRANCH D	1,100	1.1%
11	PROPOSED BRANCH E	1,100	1.1%
12	PROPOSED BRANCH F	1,100	1.1%
13	PROPOSED BRANCH G	1,100	1.1%
14	PROPOSED BRANCH H	1,100	1.1%
15	PROPOSED BRANCH I	1,100	1.1%
16	PROPOSED BRANCH J	1,100	1.1%
17	PROPOSED BRANCH K	1,100	1.1%
18	PROPOSED BRANCH L	1,100	1.1%
19	PROPOSED BRANCH M	1,100	1.1%
20	PROPOSED BRANCH N	1,100	1.1%
21	PROPOSED BRANCH O	1,100	1.1%
22	PROPOSED BRANCH P	1,100	1.1%
23	PROPOSED BRANCH Q	1,100	1.1%
24	PROPOSED BRANCH R	1,100	1.1%
25	PROPOSED BRANCH S	1,100	1.1%
26	PROPOSED BRANCH T	1,100	1.1%
27	PROPOSED BRANCH U	1,100	1.1%
28	PROPOSED BRANCH V	1,100	1.1%
29	PROPOSED BRANCH W	1,100	1.1%
30	PROPOSED BRANCH X	1,100	1.1%
31	PROPOSED BRANCH Y	1,100	1.1%
32	PROPOSED BRANCH Z	1,100	1.1%

1. PROPOSED CUT AND FILL SLOPES ARE TO BE GRADUED AT 2:1
 UNLESS OTHERWISE NOTED.
 2. PLACE EROSION CONTROL, BLANKETS ON ALL SLOPES 2:1 AND
 STEEPER.
 3. LIMITS OF DISTURBANCE: 4:5 AS SHOWN

LEGEND
 EXISTING TREE LINE
 EXISTING ROAD
 EXISTING DRIVE-UP-WAY
 EXISTING FENCE
 EXISTING FLOODWAY
 EXISTING STRUCTURE
 EXISTING BRANCH
 EXISTING BRANCH B
 EXISTING BRANCH C
 EXISTING BRANCH D
 EXISTING BRANCH E
 EXISTING BRANCH F
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 EXISTING BRANCH R
 EXISTING BRANCH S
 EXISTING BRANCH T
 EXISTING BRANCH U
 EXISTING BRANCH V
 EXISTING BRANCH W
 EXISTING BRANCH X
 EXISTING BRANCH Y
 EXISTING BRANCH Z

SCALE: 1" = 100 FT.

ASSIGNED FOR WELL FACTOR
 UNPAVED TRAILWAY
 WETLAND BOUNDARY
 PROPOSED ROAD
 PROPOSED FENCE
 PROPOSED FLOODWAY
 PROPOSED STRUCTURE
 PROPOSED BRANCH
 PROPOSED BRANCH B
 PROPOSED BRANCH C
 PROPOSED BRANCH D
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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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- 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: air from surface to curve kick-off point (KOP). Horizontal: synthetic oil-based mud (SOBM) from curve KOP to lateral TD

-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.

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 Raymond Hoon

Company Official (Typed Name) Raymond Hoon

Company Official Title Supervisor - Permitting

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

Lori L Walker
My commission expires February 23, 2019

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

CNX Gas Company, LLC

Proposed Revegetation Treatment: Acres Disturbed 46.90 Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch hay or straw @ 2 Tons/acre

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 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), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Harper J. Kuntawski*

Comments: _____

Title: *Inspector* Date: *4/4/2018*

Field Reviewed? (X) Yes () No

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

HSE APPROVED NON-HAZARDOUS WASTE DISPOSAL FACILITIES (version 05-23-2016)

Republic Services (Allied Waste)		Gas Specific Waste Streams										Other Accepted Waste Streams						Contact Information
Landfill	Location	Drill • Cuttings	Waste Liners	Waste Brite	Contaminated Soil (Including Petroleum)	Construction & Demolition Waste	Industrial Waste	Sludge	Frangible Asbestos	Non-Frangible Asbestos	Process Waste	Solidification Services	Municipal Solid Waste	Contact Information				
Madison County	Bloomington	IL	X	X	X	X	X	X	X	X	X	X	X					
ERC/Colos County	Charleston	IL	X	X	X	X	X	X	X	X	X	X	X					
Brickyard District	Danville	IL	X	X	X	X	X	X	X	X	X	X	X					
Southern Illinois Regional	De Soto	IL	X	X	X	X	X	X	X	X	X	X	X					
Lee County	Dixon	IL	X	X	X	X	X	X	X	X	X	X	X					
Upper Rock Island	East Moline	IL	X	X	X	X	X	X	X	X	X	X	X					
Bond County	Greensville	IL	X	X	X	X	X	X	X	X	X	X	X					
Illinois	Hoopeston	IL	X	X	X	X	X	X	X	X	X	X	X					
Land Comp	LaSalle	IL	X	X	X	X	X	X	X	X	X	X	X					
Litchfield-Hillsboro	Litchfield	IL	X	X	X	X	X	X	X	X	X	X	X					
Environmentch	Morris	IL	X	X	X	X	X	X	X	X	X	X	X					
Livingston	Pontiac	IL	X	X	X	X	X	X	X	X	X	X	X					
Roxana	Roxana	IL	X	X	X	X	X	X	X	X	X	X	X					
Sananton Valley	Springfield	IL	X	X	X	X	X	X	X	X	X	X	X					
Benson Valley	Frankfort	KY	X	X	X	X	X	X	X	X	X	X	X					
Blue Ridge	Irvine	KY	X	X	X	X	X	X	X	X	X	X	X					
Morehead	Morehead	KY	X	X	X	X	X	X	X	X	X	X	X					
Green Valley	Rush	KY	X	X	X	X	X	X	X	X	X	X	X					
Cherokee Run	Bellefontaine	OH	X	X	X	X	X	X	X	X	X	X	X					
Williams County	Bryan	OH	X	X	X	X	X	X	X	X	X	X	X					
County Environmental	Carey	OH	X	X	X	X	X	X	X	X	X	X	X					
Collins	Gallia	OH	X	X	X	X	X	X	X	X	X	X	X					
Carbon-Limestone**	Loyelville	OH	X	X	X	X	X	X	X	X	X	X	X					
Countywide Landfills**	East Sigalla	OH	X	X	X	X	X	X	X	X	X	X	X					
Lorain County	Oberlin	OH	X	X	X	X	X	X	X	X	X	X	X					
Oakland Marsh	Shiob	OH	X	X	X	X	X	X	X	X	X	X	X					
Imperial	Imperial	PA	X	X	X	X	X	X	X	X	X	X	X					
Conestoga	Morrisstown	PA	X	X	X	X	X	X	X	X	X	X	X					
Brunswick	Lavrensburg	VA	X	X	X	X	X	X	X	X	X	X	X					
Kear and Queen	Little Plymouth	VA	X	X	X	X	X	X	X	X	X	X	X					
Swanmore	Ridgeland	VA	X	X	X	X	X	X	X	X	X	X	X					
Old Dominion	Harrison	WV	X	X	X	X	X	X	X	X	X	X	X					
Short Creek	Wheeling (Short Creek)	WV	X	X	X	X	X	X	X	X	X	X	X					
Kanawha Valley	Church Hill	TN	X	X	X	X	X	X	X	X	X	X	X					

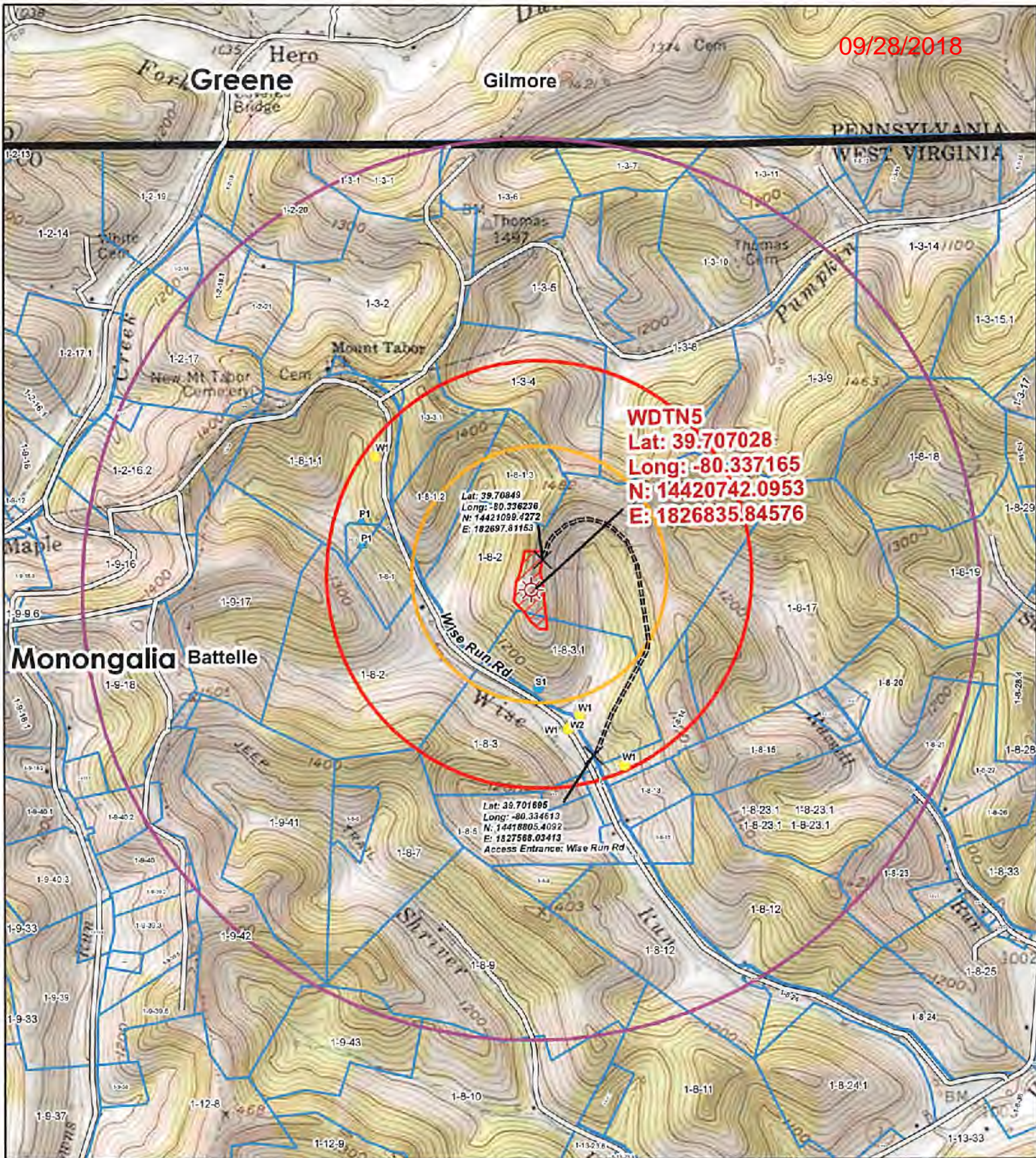
Waste Management		Gas Specific Waste Streams										Other Accepted Waste Streams										Contact Information				
Industrial Landfills	Landfill	Location	Drill * Cuttings		Waste Liners		Waste Brine		Contaminated Soil (including Petroleum)		Construction & Demolition Waste		Industrial Waste		Sludge		Friable Asbestos		Non-Friable Asbestos		Process Waste		Solidification Services		Municipal Solid Waste	
			PA	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH	OH
	Warden Landfill	Washington	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	South Hills (Arconci)	South Park	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Kelly Run	Irwin	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Valley Landfill	Irwin	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Evangelical Landfill	Blairsville	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Charleston Landfill	Charleston	WV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Scott Allen: 412-604-2256
	(Kane/Ohio County)	Bridgeton	WV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Meadow Hill Landfill	Parkersburg	WV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Northern Landfill	Chickasaw	WV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	S&S Grading Landfill	Chickasaw	WV	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	American Landfill	Wamsburg	OH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Suburban RDF	Glenford	OH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Polly Landolt: 262-532-8001 John Miller: 1-800-963-4776	
	Chickasaw Landfill***	Chickasaw	OH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Mohawk Landfill	New Springfield	OH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Additional Landfills																									
	Westmoreland Waste (WVLC Group)	111 Connor Lane, Belle Vernon, PA 15012	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Mike Home: 412-552-4427 Mark Thomas: 724-629-7694
	MAX Environmental (Balfour Becht)	200 Max Drive, Bolivar, PA 15016	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Carl Spadaro: 412-343-4900 cell: 412-445-9789
	MAX Environmental (Dalkon Facility)	233 MAX Lane, Yukon, PA 15698	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Joe Telesnick: 740-275-2887 joe@ebs-consulting.com
	Apex Sanitary Landfill (Apex Environmental)	11 County Road 78, Amstardam, Ohio 43903	OH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Carl Walker: 513-623-2471
	Rumpke, Mt. Sterling (Rumpke Consolidated)	30 Lamson Rd, Jeffersonville, KY 40337	KY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Bruce Cronch: Work: 606-864-7996 Cell: 606-219-0261
	Laurel Ridge Landfill (Waste Connections of KY)	3612 E State Highway 555, I. Th., KY 40740	KY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Advanced Disposal	Chestnut Valley Rd, McClellandtown, PA 15458	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Tony Labenne 6184 Route 219, Brockway, PA 15824 814-390-9906
		Greentree Landfill, 635 Toby Rd., Kersey, PA	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		Moatler Landfill, 7035 Gladys Pike Rd., Somerset, PA	PA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Ohio "TENORM" - requires Radium 226/223 analysis by lead before leaving the well pad. Solid waste landfills in Ohio can only accept TENORM waste with combined concentration less than 5 picocuries per gram above the natural background level. Accepts drilling wastes but profile for disposal is not currently completed. Waste stream accepted by facility. Contact facility directly to verify waste streams accepted. 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 requirements are pending. New PADEP rules regarding "TENORM" testing requirements are pending.

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

Notes:

09/28/2018



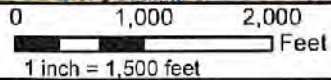
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 N: 14421099.4272
 E: 182697.81153

Lat: 39.701605
 Long: -80.334613
 N: 14418805.4092
 E: 1827566.03413
 Access Entrance: Wise Run Rd

Legend

- Wellbore
- Wells
- Spring
- Ponds
- Access Points
- Access Road
- 2,500 Foot Buffer
- 1,500 Foot Buffer
- 1 Mile Buffer
- Surface Parcel
- Well Pad



Original Date: 5/3/2018	Prepared By: GIS
Revision Date: 5/3/2018	Approved By: GIS

Topographic Well Map
WDTN5

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Surface Owner	Address	City	State	Zip	Tax ID	Acres	County Name	State Name	Phone Number
GROJEAN GALE D & MELBA L	WHITE CREEK	WANA	WV	26590	1-2-16	5.153968	Monongalia	West Virginia	863-453-4431
HARRISON DELORES J	DUNKARD CREEK	BURTON	WV	26562	1-2-16.2	48.3988	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	26562	1-2-17.1	2.300925	Monongalia	West Virginia	304-775-4086
HALL ROY LEE JR & ERICA E	BRUSHY FORK RD	BURTON	WV	26562	1-2-18	6.085001	Monongalia	West Virginia	618-937-0171
HALL LEONARD E & PRINCESS BETH	WHITE CREEK	BURTON	WV	26562	1-2-18.1	14.138319	Monongalia	West Virginia	304-775-2440
HALL ROY L	WHITE CREEK	BURTON	WV	26562	1-2-20	34.453886	Monongalia	West Virginia	304-775-2764
HALL ROY L	WHITE CREEK	BURTON	WV	26562	1-2-21	16.591206	Monongalia	West Virginia	304-775-2764
MT TABOR CEMETERY	ROUTE 5/1	WANA	WV	26590	1-2-22	3.066068	Monongalia	West Virginia	304-775-2764
		WANA	WV	26590	1-2-23	1.45701	Monongalia	West Virginia	Repeat
MT TABOR M E CHURCH	ROUTE 5/1	WANA	WV	26590	1-2-24	0.80564	Monongalia	West Virginia	304-775-2764
CONSOLIDATION COAL COMPANY		BURTON	WV	26562	1-3-1	26.833408	Monongalia	West Virginia	CONSOL
STILES CLARK DONLEY		BURTON	WV	26562	1-3-1	26.833408	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
									724-451-8264 (James)
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	WV	26590	1-3-10	33.698948	Monongalia	West Virginia	724-451-8457 (earl)
CONSOLIDATION COAL COMPANY	PUMPKIN RUN	WANA	WV	26590	1-3-11	30.267327	Monongalia	West Virginia	CONSOL
									724-451-8264 (James)
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	WV	26590	1-3-14	95.714419	Monongalia	West Virginia	724-451-8457 (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	WV	26562	1-3-3	1.08675	Monongalia	West Virginia	304-292-0475
MACYDA STEVEN M	ROUTE 1 WANA	BURTON	WV	26562	1-3-3.1	14.634746	Monongalia	West Virginia	724-496-5407
									724-451-8264 (James)
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	WV	26590	1-3-4	51.907506	Monongalia	West Virginia	724-451-8457 (earl)
									724-451-8264 (James)
THOMAS DENNIS & ROSE	ROUTE 1 WANA	BURTON	WV	26562	1-3-5	42.948853	Monongalia	West Virginia	724-451-8457 (earl)
THOMAS DENNIS & ROSE	ROUTE 1 WANA	BURTON	WV	26562	1-3-6	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
									724-451-8264 (James)
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	WV	26590	1-3-8	80.137351	Monongalia	West Virginia	724-451-8457 (earl)
									724-451-8264 (James)
TAYLOR JAMES EDWARD & EARL LYNN	1023 PUMPKIN RUN RD	WANA	WV	26590	1-3-9	89.056912	Monongalia	West Virginia	724-451-8457 (earl)
AREHEART HENRY W & LYNDA M		WANA	WV	26590	1-8-1	13.246159	Monongalia	West Virginia	412-561-7795
NEELY GARY L & ARLENE ANN	ROUTE 1 WADESTOWN	BURTON	WV	26562	1-8-1.1	63.126874	Monongalia	West Virginia	304-662-6704
DEATON DAVID W & ELIZABETH K	DUNKARD CREEK	WANA	WV	26590	1-8-1.2	26.170619	Monongalia	West Virginia	412-678-3972
THOMAS EDWARD L, DAVID WAYNE & DOROTHY L STEWART	DUNKARD CREEK	WANA	WV	26590	1-8-1.3	21.04428	Monongalia	West Virginia	330-507-4510
AREHEART HENRY W & LYNDA M		WANA	WV	26590	1-8-1.4	2.347431	Monongalia	West Virginia	412-561-7795
NEELY GARY L & ARLENE ANN	WISE RUN RD	WANA	WV	26590	1-8-1.5	0.949482	Monongalia	West Virginia	304-662-6704
BECKNER TROY DAVID & JANET LEE & SMITH(LIFE-TROY LE	11 MONA LN	WADESTOWN	WV	26590	1-8-10	107.980509	Monongalia	West Virginia	605-290-2307
DEBERRY CHESTER E & BARBARA J	ROUTE 1	WANA	WV	26590	1-8-11	88.799872	Monongalia	West Virginia	304-534-4432
SHRIVER BARBARA S	70 WISE RUN RD	WANA	WV	26590	1-8-12	55.250841	Monongalia	West Virginia	304-662-6358
SHRIVER BARBARA S	70 WISE RUN RD	WANA	WV	26590	1-8-12	69.6997	Monongalia	West Virginia	304-662-6358
SHRIVER BARBARA S & GREGORY L	271 WISE RUN RD	WANA	WV	26590	1-8-12.1	1.000452	Monongalia	West Virginia	304-662-6213
AMMONS DAVID M & JESSICA L	ROUTE 1	WANA	WV	26590	1-8-13	10.220292	Monongalia	West Virginia	304-662-6791
AMMONS DAVID M & JESSICA L	462 WISE RUN RD	WANA	WV	26590	1-8-13.1	9.197755	Monongalia	West Virginia	304-662-6791
EFAW DONALD A & AMY BETH	497 WISE RUN RD	WANA	WV	26590	1-8-14	17.273808	Monongalia	West Virginia	304-662-6778
RUSSELL DEWEY & BEATRICE EST	DUNKARD CREEK	WANA	WV	26590	1-8-15	26.504615	Monongalia	West Virginia	Unknown
STEWART BETTY	ROUTE 1	WANA	WV	26590	1-8-16	4.643445	Monongalia	West Virginia	304-662-6856
HOLMES LENA DENICE & DONRA JEAN WILLARD	DUNKARD CREEK	WANA	WV	26590	1-8-16.1	3.242026	Monongalia	West Virginia	304-879-5105
NICHOLSON BRIAN Z, WILLIAM T & KENNETH R JR	ROUTE 1	WANA	WV	26590	1-8-17	108.688605	Monongalia	West Virginia	724-455-4739
CONSOLIDATION COAL COMPANY	WANA	WANA	WV	26590	1-8-18	64.841967	Monongalia	West Virginia	CONSOL
CONSOLIDATION COAL COMPANY & ET AL	ROUTE 1	WANA	WV	26590	1-8-19	53.187659	Monongalia	West Virginia	CONSOL
WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE	ROUTE 1 WANA	WANA	WV	26590	1-8-2	140.720517	Monongalia	West Virginia	435-613-7010
WISE DINA M ET AL & (LIFE ARTHUR D & OPAL JANE	ROUTE 1 WANA	BURTON	WV	26562	1-8-2	89.387371	Monongalia	West Virginia	435-613-7010
LYTLE KENNETH W	ROUTE 1	WANA	WV	26590	1-8-20	34.36836	Monongalia	West Virginia	724-869-3959
KIRBY TROY EDWARD & BARBARA ANNE	149 RUSSELL RUN	WADESTOWN	WV	26590	1-8-21	18.481783	Monongalia	West Virginia	304-662-6299
WILSON JACKIE L, LARRY A & SHARON E WILSON LEMLEY	DUNKARD CREEK	WANA	WV	26590	1-8-23	30.210617	Monongalia	West Virginia	304-777-2364
HOSTUTLER BONNIE R	DUNKARD CREEK	WANA	WV	26590	1-8-23.1	49.631963	Monongalia	West Virginia	304-775-2944
WILSON LARRY	DUNKARD CREEK	WANA	WV	26590	1-8-23.1	49.631963	Monongalia	West Virginia	304-777-2364
WILSON JACKIE	DUNKARD CREEK	WANA	WV	26590	1-8-23.1	49.631963	Monongalia	West Virginia	304-662-6460
LEMLEY SHARON	DUNKARD CREEK	WANA	WV	26590	1-8-23.1	49.631963	Monongalia	West Virginia	304-366-0293
WAGNER BARBARA	573 WISE RUN RD	WANA	WV	26590	1-8-3	48.095923	Monongalia	West Virginia	304-662-6719
WAGNER BARBARA J	DUNKARD CREEK	WANA	WV	26590	1-8-3.1	45.782167	Monongalia	West Virginia	304-662-6719

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

<u>Name</u>	<u>Address</u>
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
Evallee 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

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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");
2. 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 October, 2017.

Opal Jane Wise
Opal Jane Wise

John Matthew Wise
John Matthew Wise

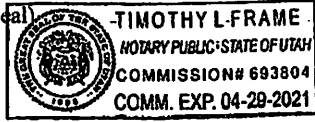
Dina M. Wise
Dina M. Wise

STATE OF Utah
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)



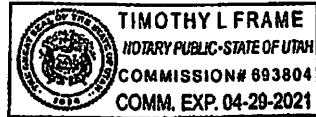
Timothy L. Frame
NOTARY PUBLIC
My Commission expires: 4-29-2021

STATE OF Utah
COUNTY OF Carbon

The foregoing instrument was acknowledged before me on the 10 day of October, 2017 by **John Matthew Wise and Dina M. Wise, Remaindermen.**

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

(Notarial Seal)

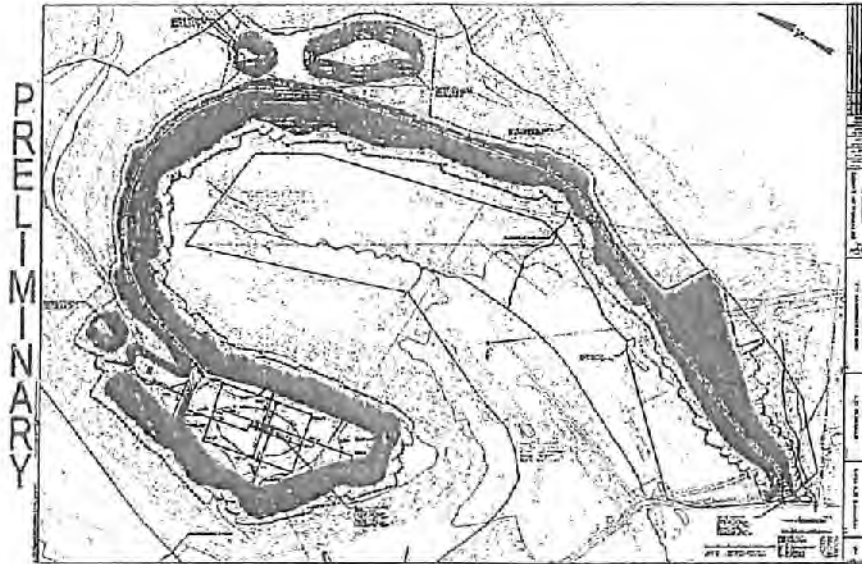


Timothy L. Frame
NOTARY PUBLIC
My Commission expires: 4-29-2021

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated Feb. 06, 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 Wise
John Matthew Wise
Dina M. Wise

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

VOL: 00128 PG 0513

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716611
05/21/2018 @ 01:18:01
MICHELE AEDUS
Book 128 @ Page 513
Pages Recorded 3
Recording Cost \$

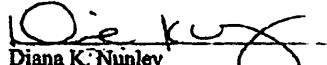
CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 08 day of October, 2017.


Richard A. Nunley


Diana K. Nunley

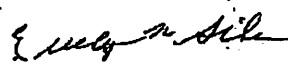
STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me on the ___ day of _____, 2017 by Richard A. Nunley 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- C4- ATTACHMENT *
10/08/2017 {  }

PDF 00128 PG0514

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 validity of that document.

State of California)

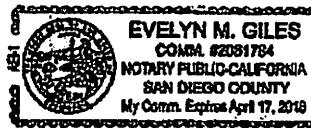
County of SAN DIEGO)

On Oct. 05, 2017 before me, EVELYN M. GILES NOTARY PUBLIC

personally appeared RICHARD A. NUNLEY AND DIANA K. NUNLEY who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



[Signature]
Notary Public Signature (Notary Public Seal)

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
- Corporate Officer
- _____ (Title)
- Partner(s)
- Attorney-in-Fact
- Trustee(s)
- Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

(This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.)

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural form by crossing off incorrect forms (i.e. he/she/they, is/are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudged, re-seal if a sufficient area remains, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ◊ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ◊ Indicate title or type of attached document, number of pages and date.
 - ◊ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document(s) with a staple.

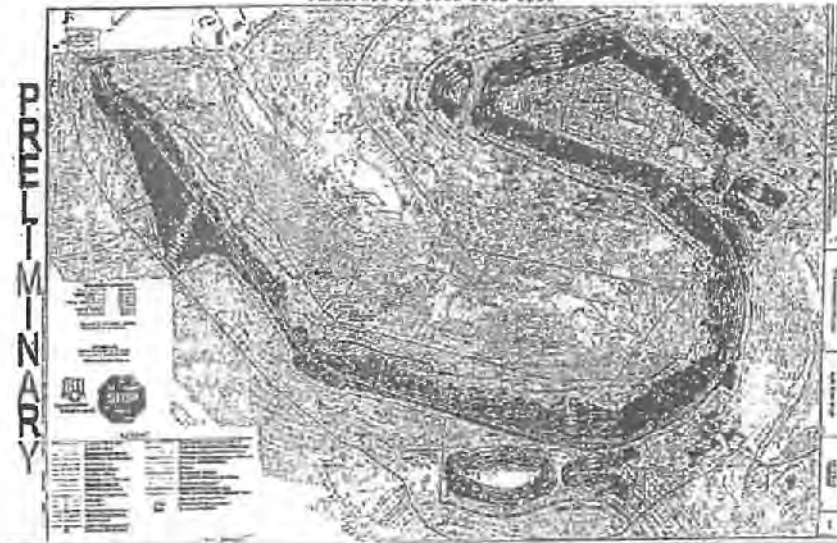
VOL 01596 PG 0380

VOL 00128 PG 0515

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, Canonsburg, PA 15317, (Operator), and Richard A. Nunley and Diana K. Nunley, husband 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.

Grantor Approved

Richard A. Nunley
Richard A. Nunley

Diana K. Nunley
Diana K. Nunley

CNX Gas Company LLC
Timothy Salmick
Timothy Salmick, Assistant Vice President

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

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716598
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 486
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 6th day of October, 2017.

Patricia J. Mumaw
Patricia J. Mumaw

Richard L. Mumaw
Richard L. Mumaw

STATE OF Ohio
COUNTY OF Wayne

The foregoing instrument was acknowledged before me on the 6th day of October, 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

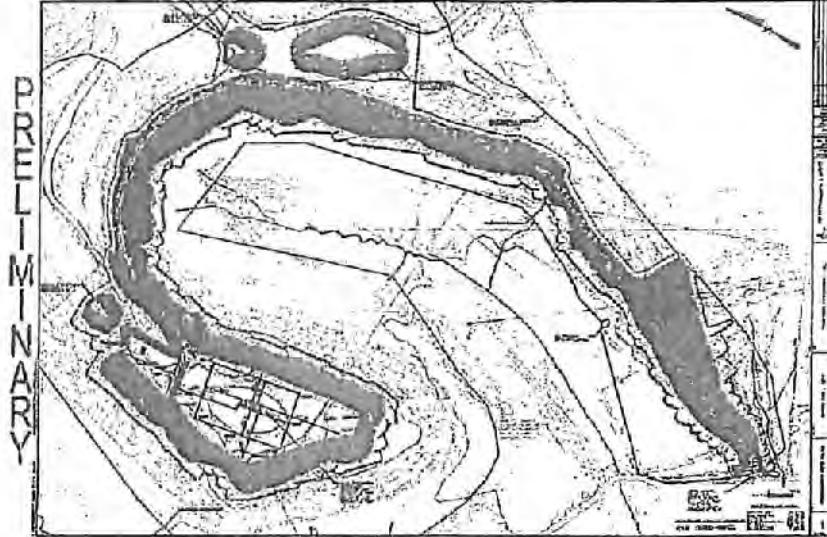
Blair Harper
NOTARY PUBLIC
My Commission expires: 4-6-22

Exhibit "A"

6835

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 J. Mumaw
Patricia J. Mumaw

Richard L. Mumaw
Richard L. Mumaw

CNX Gas Company LLC

Timothy Surmack
Timothy Surmack, Assistant Vice President

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 10th day of October, 2017.

Donald E. Nunley
Donald E. Nunley

STATE OF West Virginia
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 10th day of October, 2017 by Donald E. Nunley.

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

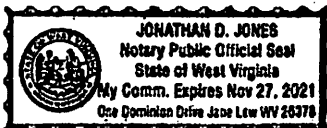
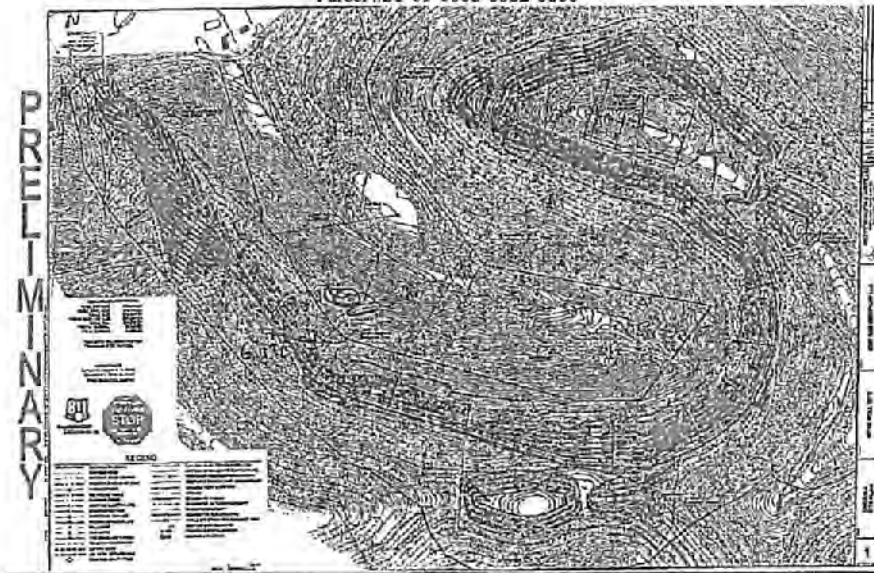
(Notarial Seal)  Jonathan D. Jones
NOTARY PUBLIC
My Commission expires: 11/27/2021

Exhibit "A"
6834

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
Donald E. Nunley

CNX Gas Company LLC

Timothy Sumnick
Timothy Sumnick, Assistant Vice President

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

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Mary Stepelton, 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 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 K Stepelton
Mary Stepelton

STATE OF FL
COUNTY OF Broward

The foregoing instrument was acknowledged before me on the 10th day of October, 2017 by Mary Stepelton.
In witness hereof, I hereunto set my hand and official seal.

(Notarial Seal)

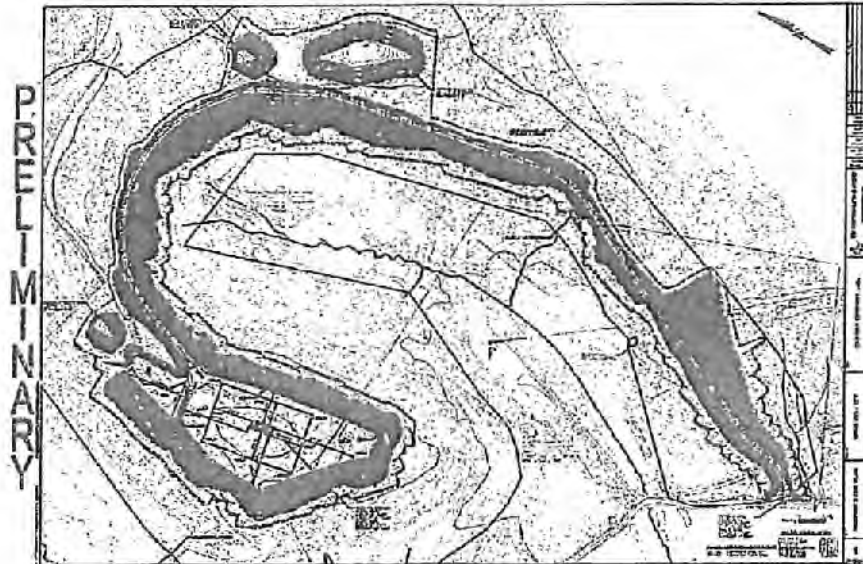


Rachel Higgins
NOTARY PUBLIC
My Commission expires: 10/24/17

Exhibit "A"

Attached hereto and made a part of that certain Agreement dated February 11, 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
 Mary Stepelton

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

VOL 00128 PG0540

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716628
03/21/2018 @ 01:53:52 PM
MISCELLANEOUS
Book 128 @ Page 540
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Thomas McCauley, 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 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 Oct., 2017.

Thomas M^cCauley
Thomas McCauley

STATE OF Ohio
COUNTY OF Stark

The foregoing instrument was acknowledged before me on the 5th day of October, 2017 by Thomas McCauley.

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



Melissa A. Stepan
NOTARY PUBLIC
My Commission expires: Sept 29, 2019

Presented 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 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 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

Thomas McCauley

 Thomas McCauley

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

TR 00128 PG0536

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

Monongalia County
Clerk
Carole L. Harms, Clerk
Instrument 71682
09/21/2018 @ 01:35:52 PM
MISCELLANEOUS
Book 128 & Page 53
Pages Recorded 2
Recording Date 8

CERTIFICATION OF CONSENT AND EASEMENT (Deep Well)

The undersigned, Richard McCauley, 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 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 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 4 day of October, 2017.

Richard McCauley
Richard McCauley

STATE OF Ohio
COUNTY OF Steubenville

The foregoing instrument was acknowledged before me on the 4th day of Oct, 2017 by Richard McCauley

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

(Notarial Seal)



DARLA J. WALTERS
Notary Public State of Ohio
My Comm. Expires 11-18-2018

Darla J. Walters
NOTARY PUBLIC
My Commission expires: _____

NOL 00128 PG 0537

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 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 # 1-5-2



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

Grantor Approved

Richard McCauley
Richard McCauley

Prepared by/Retiree to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

YR 00128 PG0495

Oil Gas Company LLC
1000 CONSOL ENERGY DR
CAMANSHURG, PA 15317-4506

Monongalia County
Cary L Blaylock, Clerk
Instrument: 715602
03/21/2018 @ 01:16:01 PM
MICROFILMING
Book 170 # Page 476
Pages Recorded: 2
Recording Cost: \$

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Well)

The undersigned, Judy Eckman, 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 1520, Page 228 as Instrument No. 252002.
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 12th day of October, 2017.

Judy Eckman
Judy Eckman

STATE OF NORTH CAROLINA
COUNTY OF NEW HAMPSHIRE

The foregoing instrument was acknowledged before me on the 12 day of OCTOBER, 2017 by Judy Eckman.

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



William Andrew Rhodes
NOTARY PUBLIC
My Commission expires: 2/25/2021

WL00128 800496

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, Sherrodsville, OH 44675 (Grantor).

Property being located in Battle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-3-2



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

Grantor Approved

Judy Eckman
Judy Eckman

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

VOL 00128 PG 0497

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716603
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 129 @ Page 497
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 12th day of October, 2017.

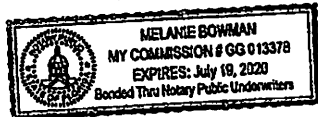
Clifford J. Wise
Clifford J. Wise

STATE OF Florida
COUNTY OF Stuwannee

The foregoing instrument was acknowledged before me on the 12th day of October, 2017 by Clifford J. Wise.

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

(Notarial Seal)



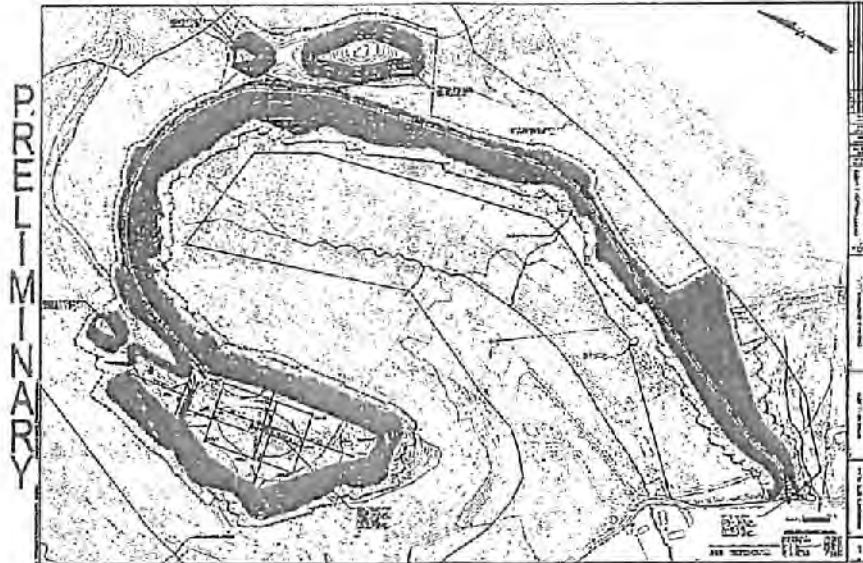
Melane Bowman
NOTARY PUBLIC
My Commission expires: July 19, 2020

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 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 J. Wise

 Clifford J. Wise

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

VOL 00128 PG 0544

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716630
05/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 544
Pages Recorded 2
Recording Cost \$

09/28/2018

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.

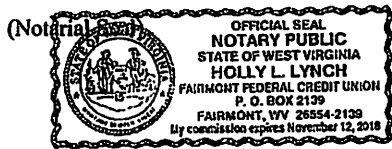
Executed this 5 day of Oct, 2017.

Regina Wise Myers a/k/a Violet Regina Myers
Regina Wise Myers a/k/a Violet Regina Myers

STATE OF WV
COUNTY OF Marion

The foregoing instrument was acknowledged before me on the 5th day of October 2017 by Regina Wise Myers a/k/a Violet Regina Myers.

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



Holly L. Lynch
NOTARY PUBLIC
My Commission expires: Nov 12, 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 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 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

Regina Wise Myers a/k/a 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

VOL 0-0128 PG 0505

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716607
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 505
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 9th day of October, 2017.

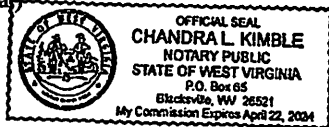
Eleanor J. Wise
Eleanor J. Wise

STATE OF West Virginia
COUNTY OF Monongalia

The foregoing instrument was acknowledged before me on the 9th day of October, 2017 by Eleanor J. Wise.

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

(Notarial Seal)



Chandra L. Kimble
NOTARY PUBLIC
My Commission expires: April 22 2024

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

VOL 00128 PG 0506

Exhibit "A"

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

Eleanor J. Wise

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

VOL 00128 PG 0499

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

Monongalia County 09/28/2018
Carve L Blaney, Clerk
Instrument 216604
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 499
Pages 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:

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 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.

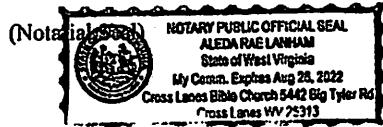
Executed this 16 day of October, 2017.

Vicki Webb 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 16 day of OCTOBER, 2017 by Victor E. Wise, by his Agent, Vicki Webb.

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

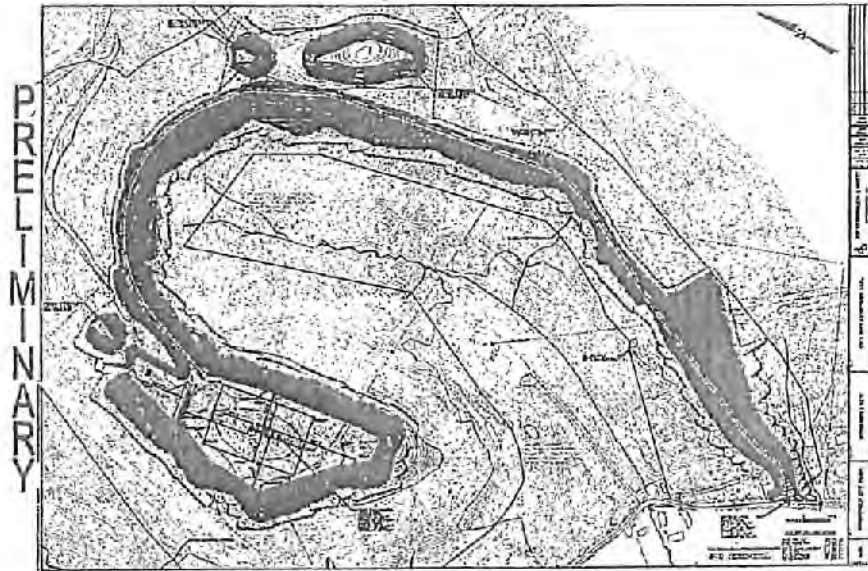


Aleda Rae Lanham
NOTARY PUBLIC
My Commission expires: Aug 26, 2022

Exhibit "A"

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 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

Victor E. Wise

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

VOL 00128 PG 0532

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

Monongalia County **09/28/2018**
Carve L Blaney, Clerk
Instrument 716624
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 532
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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.

Executed this 5th day of October, 2017.

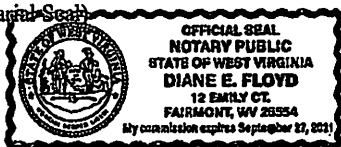
Fred C. Wise
Fred C. Wise

Alice F. Wise
Alice F. Wise

STATE OF WV
COUNTY OF Marion

The foregoing instrument was acknowledged before me on the ___ day of _____, 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.

(Notarial Seal)



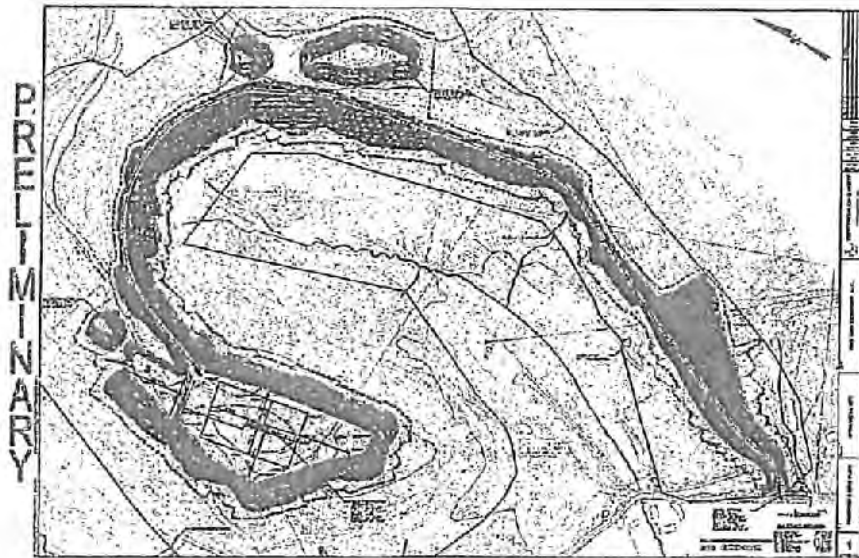
Diane E. Floyd
NOTARY PUBLIC
My Commission expires: September 27, 2021

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 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 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.

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

VOL 00128 PG 0488

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

Monongalia County
Carve L. Blaney, Clerk
Instrument 716599
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 488
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Walter C. Ord, 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 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.

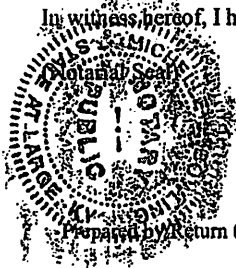
Executed this 5 day of October, 2017.

Walter C. Ord
Walter C. Ord
KYDL - 094-439-912

STATE OF Kentucky
COUNTY OF Floyd

The foregoing instrument was acknowledged before me on the 5 day of Oct, 2017 by Walter C. Ord.

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



Michelle G. Craig
NOTARY PUBLIC
My Commission expires: 7/28/18

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 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 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

Walter C. Ord

Walter C. Ord

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

VOL 00128 PG 0530

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716625
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 530
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

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 tax map 31-01-0008-0002-0000 (the "Property");
2. 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 05 day of October, 2017.

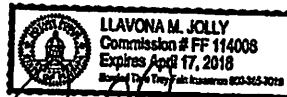
Evalee A. Everly Shaheen
Evalee A. Everly Shaheen

STATE OF Florida
COUNTY OF Orange

The foregoing instrument was acknowledged before me on the 5 day of October, 2017 by Evalee A. Everly Shaheen.

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

(Notarial Seal)



[Signature]
NOTARY PUBLIC
My Commission expires: 4/17/2018

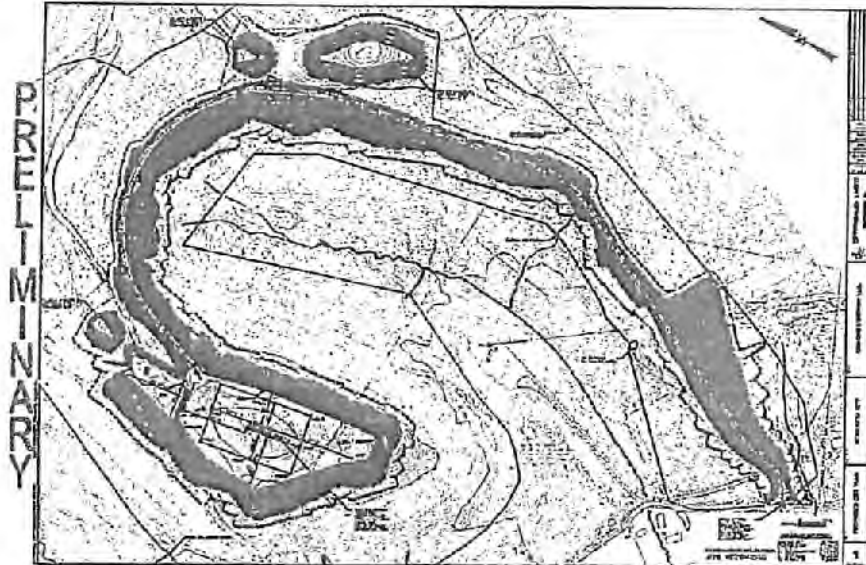
Prepared by/Return to: CNX Gas Company LLC; 1000 CONSOL Energy Dr., Canonsburg PA 15317

VOL 00128 PG 0531

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 Evalce A. Everly Shaheen of 1325 Citrus Gardens Dr., Apt. A, Orlando, FL 32807 (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

Evalce A. Everly Shaheen
Evalce A. Everly Shaheen

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

VP.00128 P0493

CNX GAS COMPANY LLC
1000 CONSOL ENERGY DR
CANONSBURG PA 15317-6575

Monongalia County
Carré L. Blakes, Clerk
Instrument 71660
09/28/2018 @ 01:15:01 PM
MISCELLANEOUS
Book 128 & Page 475
Pages Recorded ?
Approximate Cost \$ 11.0

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Dexter Murle 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 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 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.

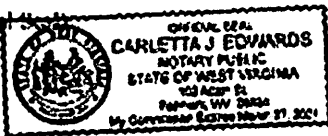
Dexter Murle Stewart
Dexter Murle Stewart

STATE OF WV
COUNTY OF MONONGALIA

The foregoing instrument was acknowledged before me on the 10th day of October, 2017 by Dexter Murle Stewart.

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

(Notary Seal)



Carletta J. Edwards
NOTARY PUBLIC
My Commission expires: 3/7/2021

VR00128 00494

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 Dexter Marle Stewart, of 1283 Crossroads Road, Fairview, WV 26570 (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

Dexter Marle Stewart
Dexter Marle Stewart

Prepared by: Return to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

RL00128 PG0518

CNX GAS COMPANY LLC
3000 CONSOL ENERGY DR
CANANBURG PA 15317-6536

Monongalia County
Clerk & Blaney, Clerk
Instrument 716617
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Incl 128 of Page 518
Pages Recorded: 2
Recording Cost: \$

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

1

The undersigned, Zelma Ruth Brummage, 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 31-01-0005-0002-0009 (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 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(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.

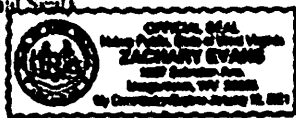
Zelma Ruth Brummage
Zelma Ruth Brummage

STATE OF West Virginia
COUNTY OF Marion

The foregoing instrument was acknowledged before me on the 6th day of October, 2017 by Zelma Ruth Brummage

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

(Notarial Seal)



Zachary Evans
NOTARY PUBLIC
My Commission expires: 1/12/2021

VOL00128 PG0519

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 Zelma Ruth Brummage of 3036 Main St., Farmington, WV 26571 (Grantor).

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

Zelma Ruth Brummage
Zelma Ruth Brummage

VOL 00128 PG 0516

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

Monongalia County 09/28/2018
Carve L Blaney, Clerk
Instrument 716616
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 516
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 Stewart
James Freeman Stewart

STATE OF West Virginia
COUNTY OF Mason

The foregoing instrument was acknowledged before me on the 6th day of November, 2017 by James Freeman Stewart.

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

(Notarial Seal)



[Signature]
NOTARY PUBLIC
My Commission expires: 11/27/2021

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 James Freeman Stewart of 12104 Raritan Lane, Bowie, MD 20715, (Grantor).

Property being located in Bartelle 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

James Freeman Stewart

 James Freeman Stewart

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

VOL00128 PG0501

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716605
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 501
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 19 day of October, 2017.

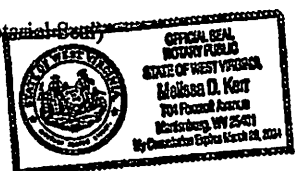

Justin P. Stewart

STATE OF WV
COUNTY OF Barkeley

The foregoing instrument was acknowledged before me on the 19th day of October, 2017 by Justin P. Stewart.

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

(Notarial Seal)




NOTARY PUBLIC
My Commission expires: 3/28/24

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 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 Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-B-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

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

TR 00126 PG 0520

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716618
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book L28 @ Page 50
Pages Recorded 2
Recording Cost \$

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Annette E. 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 31-01-0008-0002-0001 (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 748 as Instrument No. 581221.
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(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.

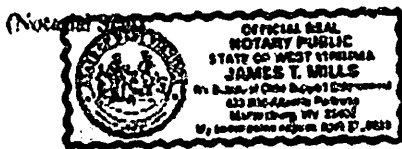
Executed this 5th day of October, 2017.

Annette Stewart
Annette E. Stewart

STATE OF West Virginia
COUNTY OF Berkeley

The foregoing instrument was acknowledged before me on the 5th day of October, 2017 by Annette E. Stewart.

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



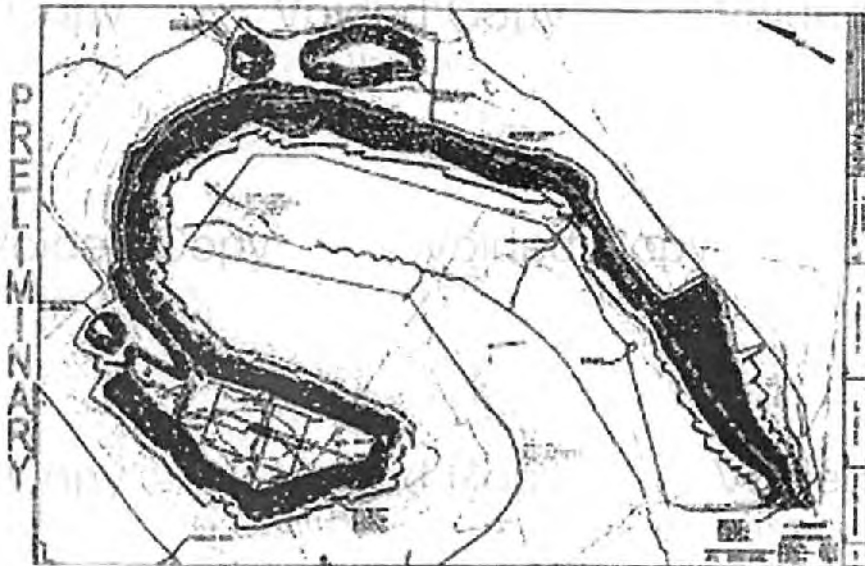
James T. Mills
NOTARY PUBLIC
My Commission expires 4/27/2020

WV100126 00521

Exhibit "A"

Attached hereto and made a part of the 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 Annette E. Stewart, of 41 Mimosa Dr., Martinsburg, WV 25404 (Grantor).

Property being located in Bartlett District, Monongalia County, WV and referred to as Tax Map and Parcel # J-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

Annette E Stewart
Annette E Stewart

VOL 00128 PG 0509

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

Honorable County
Clerk
Carve L Blaney, Clerk
Instrument 716609
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 509
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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.

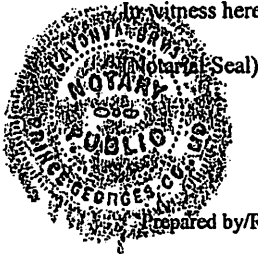
Executed this 11 day of October, 2017.

Debora Goff
Debora Goff

STATE OF Maryland
COUNTY OF Prince George's

The foregoing instrument was acknowledged before me on the 11 day of October, 2017 by Debora Goff.

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



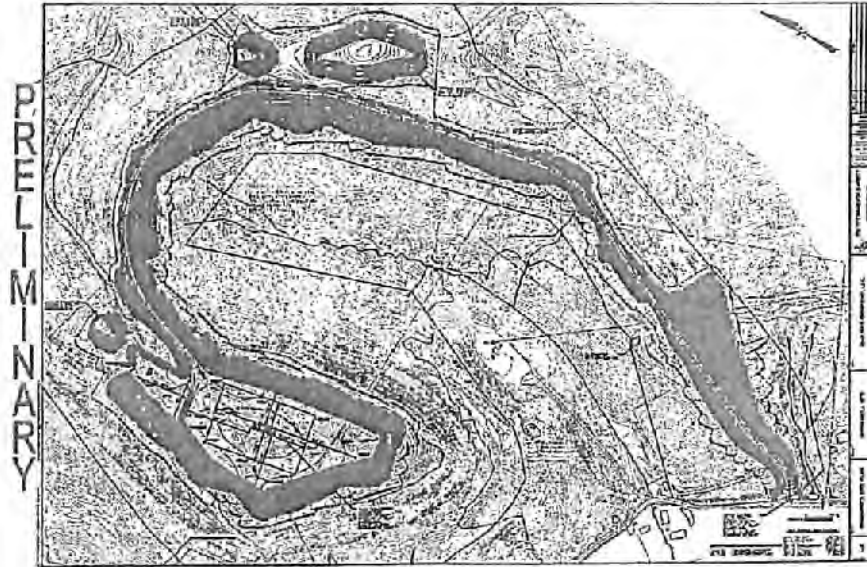
LATONYA BRYANT
NOTARY PUBLIC
PRINCE GEORGE'S COUNTY
MARYLAND
My Commission Expires 1-13-2020

Latonya Bryant
NOTARY PUBLIC
My Commission expires: 1-13-2020

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 Debora Goff of 3004 Danville Road, Brandywine, MD 20613 (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

Debora Goff

 Debora Goff

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

YOL00128 P0534

CNX GAS COMPANY LLC
1000 CONSOL ENERGY DR.
CAMDEN PA 15317-0534

Monongalia County
Carré L. Blaney, Clerk
Instrument 716625
09/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 129 of Page 534
Pages Recorded 2
Recording Cost \$

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Walter R. 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 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 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.

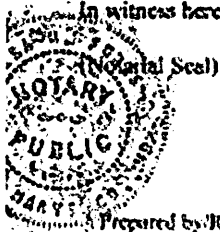
Executed this 5 day of OCTOBER, 2017.

Walter R. Currence
Walter R. Currence

STATE OF Maryland
COUNTY OF St. Marys

The foregoing instrument was acknowledged before me on the 5 day of October, 2017 by Walter R. Currence.

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



John M. Lewis
NOTARY PUBLIC
My Commission expires 3/23/19.

YR 00126 PG 0535

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, Canonsburg, PA 15317, (Operator), and Walter R. Currence, of 16200 Bealle Hill Road, Waldorf, MD 20601(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

Walter R. Currence
Walter R. Currence

CNX Gas Company LLC

[Signature]

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, Maureen 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.

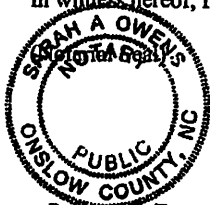
Executed this 2nd day of November, 2017.

Maureen S. Currence
Maureen S. Currence

STATE OF North Carolina
COUNTY OF Onslow

The foregoing instrument was acknowledged before me on the 2nd day of November, 2017 by Maureen S. Currence.

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



S. L. A. O.
NOTARY PUBLIC
My Commission expires: May 19, 2018

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 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

Maureen S. Currence
Maureen S. Currence

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

VOL 00128 PG 0526

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

Monongalia County 09/28/2018
Carve L Blaney, Clerk
Instrument 716621
03/21/2018 @ 01:33:52 PM
MISCELLANEOUS
Book 128 @ Page 526
Pages Recorded 2
Recording Cost \$ 11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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 18 day of October, 2017.

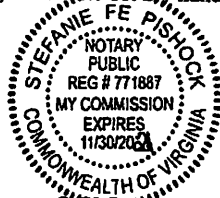
Michelle L. Currence
Michelle L. Currence

STATE OF Virginia
COUNTY OF Stattord

The foregoing instrument was acknowledged before me on the 18 day of October, 2017 by Michelle L. Currence.

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

(Notarial Seal)



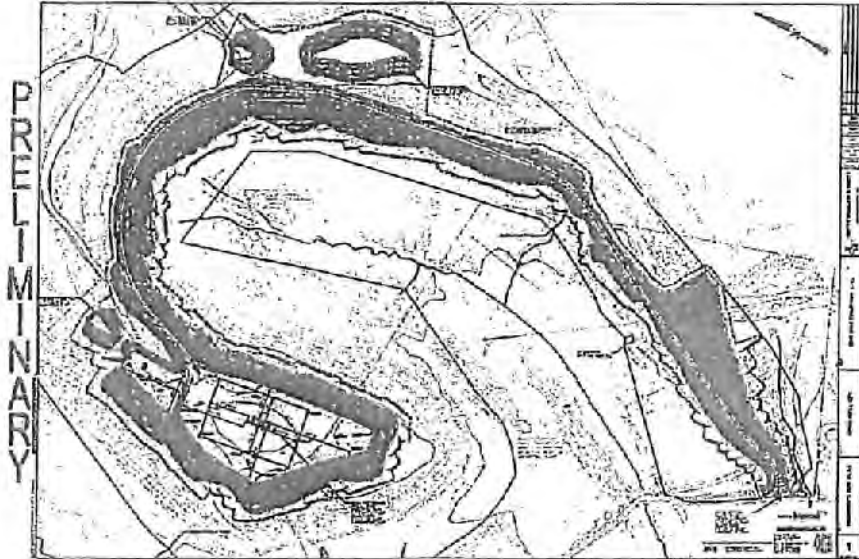
Stephanie Pishock
NOTARY PUBLIC
My Commission expires: 11-30-2021

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 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 Battelle District, Monongalia County, WV and referred to as Tax Map and Parcel # 1-B-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

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

VOL: 00128 PG 0538

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716627
03/21/2018 @ 01:53:52 PM
MISCELLANEOUS
Book 128 @ Page 538
Pages Recorded 2
Recording Cost \$

09/28/2018

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 10 day of 0, 2017.

Robert Stewart
Robert Stewart

STATE OF Pennsylvania
COUNTY OF Greene

The foregoing instrument was acknowledged before me on the 5 day of October 2017 by Robert Stewart.

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

Heather L Orndoff
NOTARY PUBLIC
My Commission expires: 4-9-19

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 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 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

Robert Stewart

 Robert Stewart

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

VOL 00128 PG 0511

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

Monongalia County
Carve L Blaney, Clerk
Instrument 716610
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 511
Pages Recorded 2
Recording Cost \$

09/28/2018

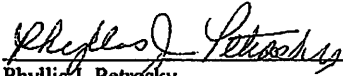
11.00

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

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");
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 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 05 day of Oct, 2017.

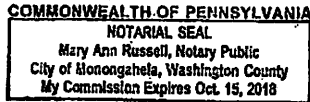

Phyllis J. Petrosky

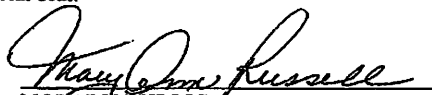
STATE OF PENNSYLVANIA
COUNTY OF WASHINGTON

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)



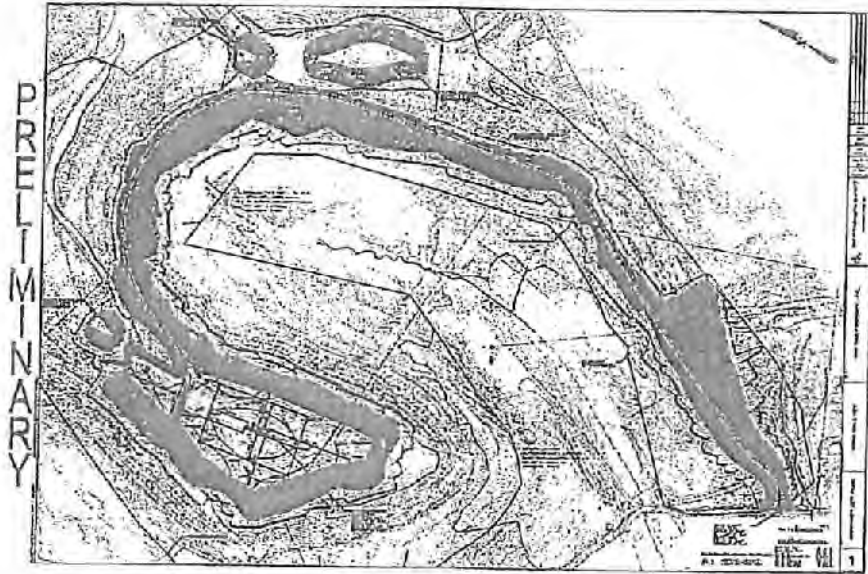

NOTARY PUBLIC
My Commission expires: 10-15-2018

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 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

Phyllis J. Petrosky

VOL 00128 PG 0503

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

Monongalia County
Carve L Alaney, Clerk
Instrument 716606
03/21/2018 @ 01:18:01 PM
MISCELLANEOUS
Book 128 @ Page 503
Pages Recorded 2
Recording Cost \$

09/28/2018

CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

11.00

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 October, 2017.

Jesse D. Jones
Jesse D. Jones

STATE OF PA
COUNTY OF Westmoreland

The foregoing instrument was acknowledged before me on the 5th day of October, 2017 by Jesse D. Jones.

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

(Notarial Seal)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Daria Renk, Notary Public
Rostraver Twp., Westmoreland County
My Commission Expires March 19, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Daria Renk
NOTARY PUBLIC
My Commission expires: 3-19-20

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

VOL 01543 PG 0244 VOL 00128 PG 0504

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 1/2 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

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

VOL 00128 PG 0542

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

Monongalia County
Carve L. Blaney, Clerk
Instrument 716629
03/21/2018 @ 01:53:52 PM
MISCELLANEOUS
Book 128 @ Page 542
Pages Recorded 2
Recording Cost \$

09/28/2018

11.00

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.

Harold M. Jones, Jr.
Harold M. Jones, Jr.

STATE OF PA
COUNTY OF WASHINGTON

The foregoing instrument was acknowledged before me on the 05th 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

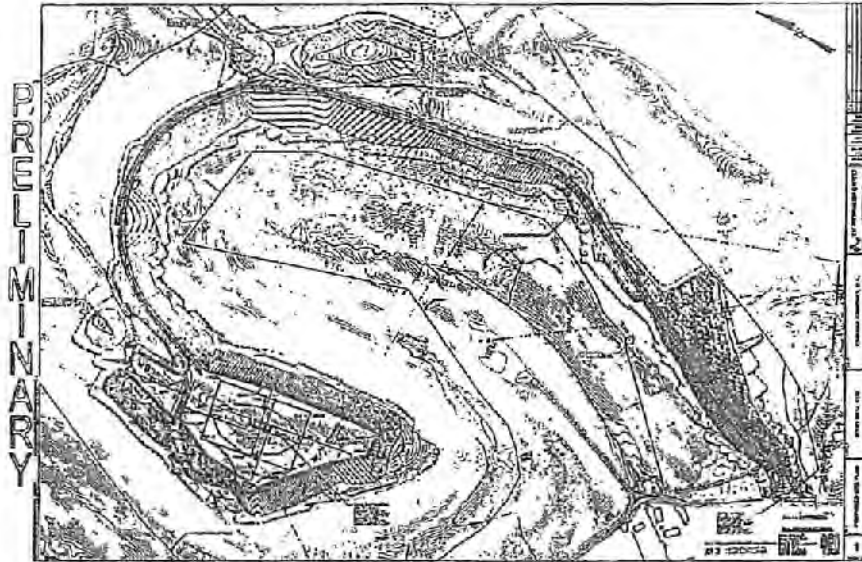
Carol L. Regal
NOTARY PUBLIC
My Commission expires: Feb. 09, 2019

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 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 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

Harold M. Jones, Jr.

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

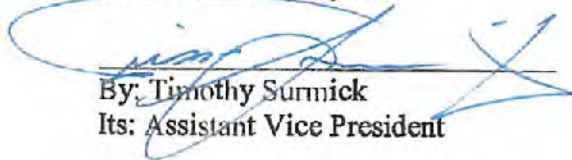
CERTIFICATION OF CONSENT AND EASEMENT (Deep Wells)

The undersigned, CNX Gas Company LLC ("CNX"), hereby certifies that:

1. 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 29th 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

Casey Yantko
NOTARY PUBLIC
My commission expires 3-12-2019

1602-118

CASEY WATTS
CNX GAS RESOURCES INC
1000 CONSOL ENERGY DR
CANONSBURG PA 15317-9315

Marshall County
Case L Blount, Clerk
Instrument #00004
10/13/2017 8 01:16:01 PM
RIGHT OF WAY
Pages Recorded 4
Recording User 8
Transfer To 6

1602-118

SURFACE USE AGREEMENT

803a

THIS AGREEMENT, made and entered into this 25th day of September 2017 by and between Jane
Irons, a widow, of P.O. Box 681, Tellico Plains, TN 37385 hereinafter called the GRANTOR, whether one
or more, and CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy
Drive, Canonsburg, PA 15317, its employees, affiliates, partners, joint venture 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 in hand paid, the receipt and sufficiency of which is hereby acknowledged by the GRANTOR,
the GRANTOR hereby grants and conveys unto OPERATOR the right to drill, construct, maintain, repair
and operate gas wells, a right of way and easement to locate, construct, maintain, repair, remove, replace,
change the size of, and operate gas and/or water pipeline(s) and/or associated lines with appurtenances
thereunto, including gathering and transportation pipeline(s), with appurtenances thereunto, a right of way
and easement 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 deemed necessary or
convenient by OPERATOR; over that certain property located in Battelle District, Masonia County,
West Virginia further described as Tax Parcel Identification No. 31-01-0000-0002-0000, containing 207.69
acres, more or less, and being the same property conveyed and described in Deed Book 1321, Page 337.
The approximate locations of said well(s), pipeline(s), road(s) are shown on Exhibit A, attached hereto,
which exhibit, as may be amended from time to time, incorporated herein and made part hereof by reference.
In association with the rights herein granted, the GRANTOR further grants and conveys unto the
OPERATOR all necessary rights of ingress and egress to and from above described property for the
purposes set forth herein.

OPERATOR does hereby covenant and agree to indemnify and hold GRANTOR free and harmless
against any and all loss, damage, claims, and suits, which GRANTOR 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 granted and this
agreement shall extend to and be binding upon the heirs, executors, administrators, personal representatives,
successors and assigns to the parties hereto. Upon such time as the OPERATOR no 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.

W001602 760119

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 Estoment and consent for the drilling and operation of a deep well, or wells, for the production of Hydrocarbons at the location(s) described on Exhibit A.

GRANTOR and OPERATOR agree that this exclusive Surface Use Agreement shall not 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 names to be hereto placed and witness the following signature(s), as of the date first herein appearing:

GRANTOR:

Jade Irons
Jade Irons

OPERATOR:
CNX Gas Company, LLC

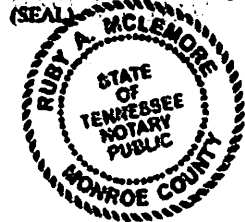
By *Timothy S. Smith*
Timothy S. Smith
Its Assistant Vice President

ACKNOWLEDGMENT

STATE or COMMONWEALTH OF Tennessee
COUNTY OF Monroe

On this the 29th day of September, 2017, before me, the undersigned authority, personally appeared Jade Irons, a widow, who, being duly sworn according to law, deposes and says that he/she/they executed the foregoing instrument for the purposes therein contained.

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



Ruby A. McLenore
Notary Public

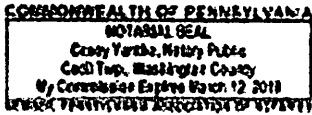
My Commission expires: MY COMMISSION EXPIRES 2-1-20

1501504 PG 20

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

On this 10th day of October, 2017, before me, a notary public, personally appeared Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that as such, being duly authorized to do so, executed the foregoing instrument for the purpose therein contained.

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



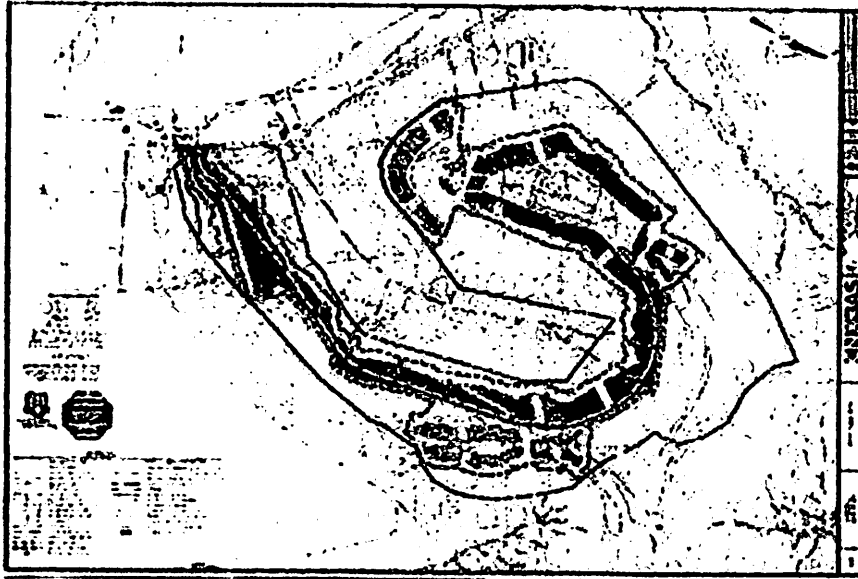
Casey Yantz
Notary Public
My Commission expires: 3-12-2019

WL 01607 100121

Exhibit "A"
8032

Amended hereto and made a part of that certain Agreement dated 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 Irons, a widow, of P.O. Box 681, Tellico Plains, TN 37385 (Grantor)

Property being located in Battelle District, Monongalia County, WV and referred to as Tract Map and Parcel #31-01-0088-0002-0000



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

Grantor Approved

Jane Irons

CNX Gas Company LLC

Timothy J. Smith, Assistant Vice President

Prepared by Return to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317

WELLS: 160122

GREEN PARTNERS
OIL AND GAS RESOURCES, INC.
1000 CROSS CREEK DR
CAMMERBURG PA 15317 9015

Marionette County
Cory L. Blazer, Clerk
Instrument 200325
10/13/2017 @ 01:15:45 PM
RIGHT OF WAY
Pages Recorded 4
Recording Cost \$ 31.00
Transfer Tax \$ 6.40

1602-122

SURFACE USE AGREEMENT

2033

THIS AGREEMENT, made and entered into this 25th day of September 2017 by and between Melissa Woodcut, a married woman 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 Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Cammerburg, PA 15317, its employees, affiliates, partners, joint venture 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 in hand paid, the receipt and sufficiency of which is hereby acknowledged by the GRANTOR, the GRANTOR hereby grants and conveys unto OPERATOR the right to drill, construct, maintain, repair and operate gas wells; a right of way and easement to locate, construct, maintain, repair, remove, replace, change the size of, and operate gas and/or water pipeline(s) and/or associated lines with appurtenances thereunto, including gathering and transportation pipeline(s), with appurtenances thereunto, a right of way and easement 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 deemed necessary or convenient by OPERATOR; over that certain property located in Battelle District, Monongalia County, West Virginia further described as Tax Parcel Identification No. 31-01-0008-0002-0000, containing 207.69 acres, more or less, and being the same property conveyed and described in Deed Book 1321, Page 337. The approximate locations of said well(s), pipeline(s), road(s) are shown on Exhibit A, attached hereto, which exhibit, as may be amended from time to time, incorporated herein and made part hereof by reference. In association with the rights herein granted, the GRANTOR further grants and conveys unto the OPERATOR all necessary rights of ingress and egress to and from above described property for the purposes set forth herein.

OPERATOR does hereby covenant and agree to indemnify and hold GRANTOR free and harmless against any and all loss, damage, claims, and suits, which GRANTOR 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 granted and this agreement shall extend to and be binding upon the heirs, executors, administrators, personal representatives, successors and assigns to the parties hereto. Upon such time as the OPERATOR no 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.

0201602 10123

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 Easement and consent for the drilling and operation of a deep well, or wells, for the production of Hydrocarbons at the location(s) described on Exhibit A.

GRANTOR and OPERATOR agree that this exclusive Surface Use Agreement shall not 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 names to be hereunto placed and witness the following signature(s), as of the date first herein appearing.

GRANTOR:

Melissa A. Bookout
Melissa Bookout
A.M.S.

OPERATOR:
CNX Gas Company LLC

Timothy Starnes 99
Timothy Starnes
In: Assistant Vice President CV

ACKNOWLEDGMENT

STATE of COMMONWEALTH OF Tennessee
COUNTY OF Monroe Co.

On this the 29th day of September, 2017, before me, the undersigned authority, personally appeared Melissa Bookout a married woman dealing in her sole property, who, being duly sworn according to law, deposes and says that he/she/they executed the foregoing instrument for the purposes therein contained.

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



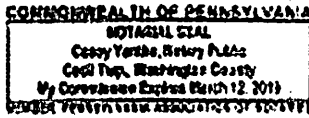
Ruby A. Mclemore
Notary Public
My Commission expires: --- MY COMMISSION ---
EXPIRES
2-1-20

W01503 20124

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF WASHINGTON

On this 10th day of October, 2017, before me, a notary public, personally appeared Timothy Surmick, who acknowledged himself to be the Assistant Vice President of CNX Gas Company LLC, a Virginia limited liability company, and that as such, being duly authorized to do so, executed the foregoing instrument for the purpose therein contained.

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



Casey Yarbrough
Notary Public
My Commission expires 3-12-2019

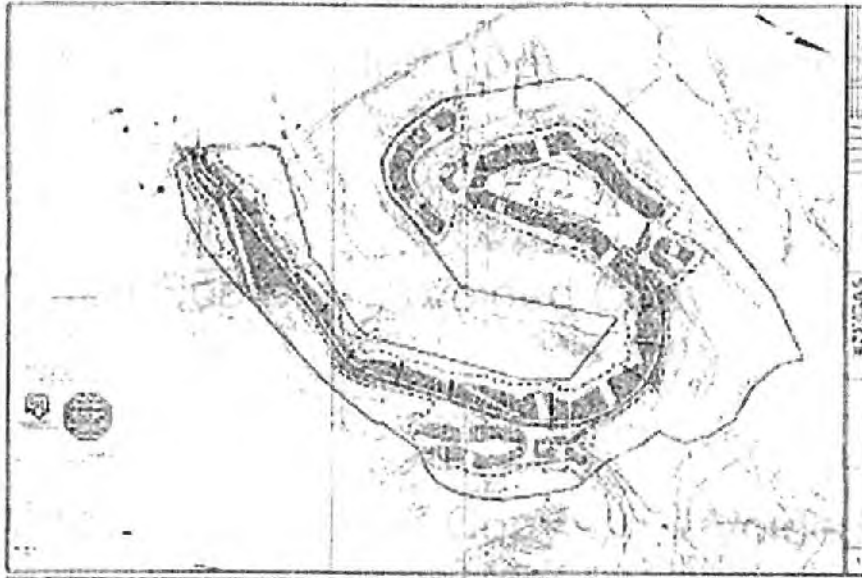
NO. 01602 00125

Exhibit "A"

PG. 33

Attached hereto and made a part of that certain Agreement dated September 25, 2017 by and between CNX Gas Company LLC, a Virginia Limited Liability Company, of 1000 CONSOL Energy Drive, Canonsburg, PA 15317, (Operator), and Melissa Bookout, a married woman dealing in her sole property, of 311 West Walnut Street, Madisonville, TN 37354 (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

Melissa B. Bookout
Melissa Bookout
M. B.

CNX Gas Company LLC

Timothy K. Smith
Timothy K. Smith, Assistant Vice President

Prepared by/return to: CNX Gas Company LLC, 1000 CONSOL Energy Drive, Canonsburg, PA 15317