

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-061-01944-00-00 County MONONGALIA District BATTELLE
Quad WADESTOWN Pad Name WDTN18 Field/Pool Name _____
Farm name CONSOL MINING CO. LLC Well Number WDTN18AHSM
Operator (as registered with the OOG) CNX GAS COMPANY LLC
Address 1000 HORIZON VUE DRIVE City CANONSBURG State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4393679.771 Easting 555018.489
Landing Point of Curve Northing 4393206.434 Easting 554292.169
Bottom Hole Northing 4398337.100 Easting 550568.586

Elevation (ft) 1,199' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
SYNTHETIC BASED FLUID

ADDITIVES: ABS MUL (EMULSIFIER), CALCIUM CHLORIDE, FLR PLUS (GILSONITE), CLAYTONE EM (SUSPENSION AGENT), AES WA II (WETTING AGENT), LIME

Date permit issued 11.13.2023 (modified) Date drilling commenced 11.16.2023 (spud) Date drilling ceased 03.27.2024
Date completion activities began 7.16.2024 Date completion activities ceased 10.1.2024
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 103', 111', 190', 243', 259', 325', 399' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2,415', 3,045', 3,210' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 448'-449', 537'-538', 612'-613', 614'-617', 873'-878', 960'-974' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

RECEIVED
Office of Oil and Gas

DEC 09 2024

WV Department of
Environmental Protection

Reviewed by:
[Signature]

03/07/2025

APPROVED

API 47-061 - 01944-00-00 Farm name CONSOL MINING CO. LLC Well number WDTN18AHSM

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	20"	40'	NEW	94 lb/ft	N/A	GROUT TO SURFACE
Surface	17.5"	13.375"	1,096'	NEW	J-55 54.5 lb/ft	N/A	Y - CEMENT TO SURFACE
Coal							
Intermediate 1	12.25"	9.625"	2,715'	NEW	J-55 36 lb/ft	N/A	Y - CEMENT TO SURFACE
Intermediate 2							
Intermediate 3							
Production	8.75" & 8.5"	5.5"	29,793'	NEW	P-110 CY 23 lb/ft	N/A	Y - TOC @ 2,559'
Tubing							
Packer type and depth set							

Comment Details ALL DEPTHS ARE REFERENCED GROUND LEVEL ELEVATION

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ²)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	CLASS A	820	16.0	1.13	927	Surface	8
Coal							
Intermediate 1	CLASS A	963	15.6	1.19	1,146	Surface	8
Intermediate 2							
Intermediate 3							
Production	NEOCEM / NEOCEM	595 (LEAD) / 4,820 (TAIL)	15.0 / 15.0	1.18 (LEAD) / 1.18 (TAIL)	702 (LEAD) / 5,688 (TAIL)	2,559'	8
Tubing							

Drillers TD (ft) 29,843' Loggers TD (ft) 29,843'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) Curve 7,876' (MD) 7,159' (TVD)

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: Centralize every other joint from shoe to surface; 13 total

INTERMEDIATE: Centralize every 3rd joint from shoe to surface; 21 total

PRODUCTION: Centralize every joint from shoe to TOC; 621 total

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS Plug and Perf

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

RECEIVED
Office of Oil and Gas

DEC 09 2024

WV Department of
Environmental Protection
03/07/2025

API 47- 061 - 01944-00-00 Farm name CONSOL MINING CO. LLC Well number WDTN18AHSM

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>7,826'</u>	<u>TVD</u>	<u>9,262'</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1938 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 384 mcfpd Oil 0 bpd NGL 0 bpd Water 2385 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	<u>0</u>		<u>0</u>		
					(SEE ATTACHED FORMATION LOG)

Please insert additional pages as applicable.

Drilling Contractor PRECISION DRILLING COMPANY
Address 125 TECHNOLOGY DRIVE City CANONSBURG State PA Zip 15317

Logging Company BAKER HUGHES
Address 400 TECHNOLOGY DRIVE City CANONSBURG State PA Zip 15317

Cementing Company HALLIBURTON
Address 1000 NOBLE ENERGY DRIVE, SUITE 400 City CANONSBURG State PA Zip 15317

Stimulating Company Evolution Well Services
Address 1780 Hughes Landing Blvd Suite 125 City The Woodlands State TX Zip 77380

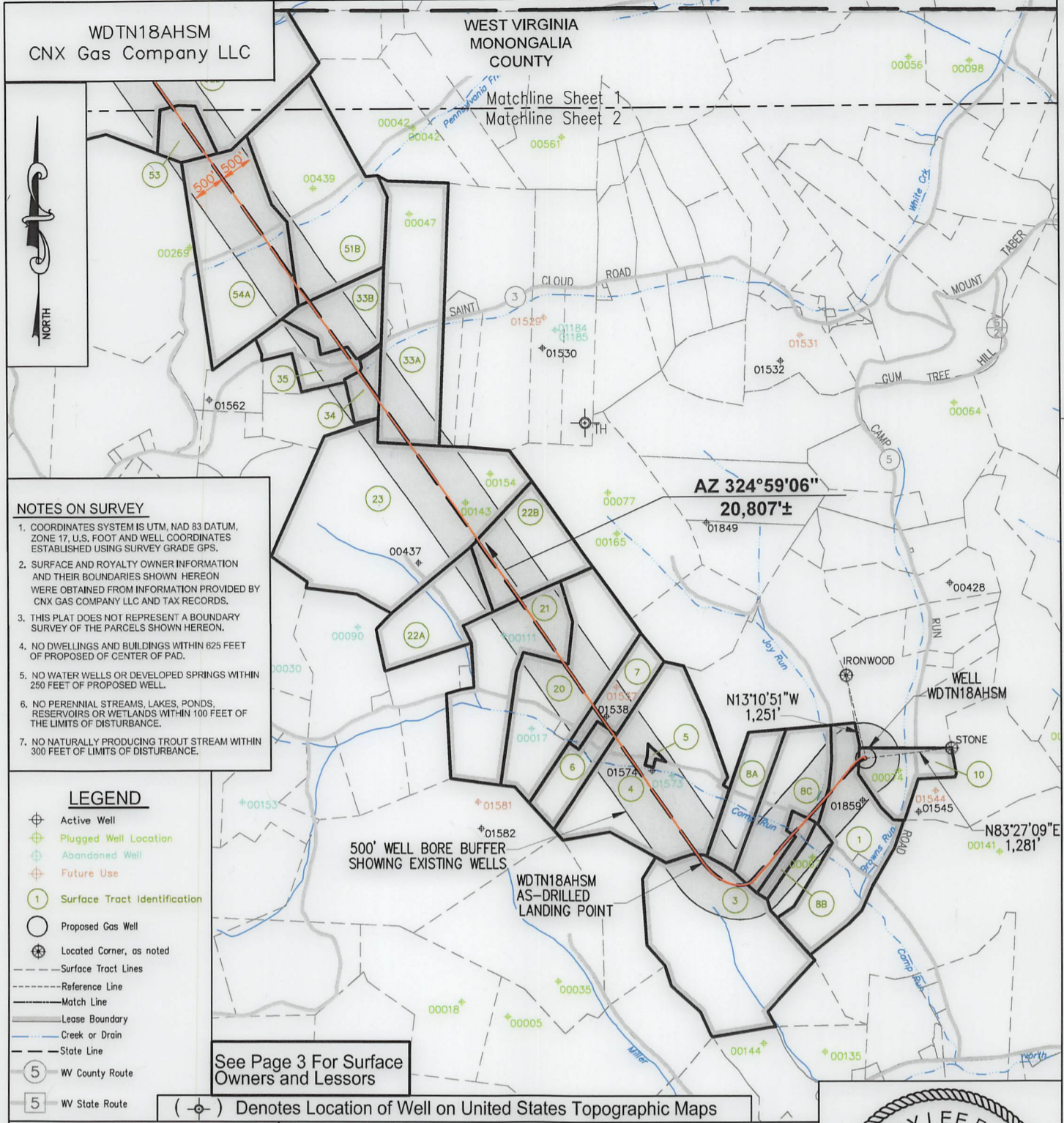
Please insert additional pages as applicable.

Completed by Mike Honce Telephone 304-406-8909
Signature [Signature] Title Completions Superintendent Date 12/3/2024

RECEIVED
Office of Oil and Gas
DEC 09 2024

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

WV Department of
Environmental Protection
03/07/2025



NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

- LEGEND**
- Active Well
 - Plugged Well Location
 - Abandoned Well
 - Future Use
 - Surface Tract Identification
 - Proposed Gas Well
 - Located Corner, as noted
 - Surface Tract Lines
 - Reference Line
 - Match Line
 - Lease Boundary
 - Creek or Drain
 - State Line
 - WV County Route
 - WV State Route
- () Denotes Location of Well on United States Topographic Maps

See Page 3 For Surface Owners and Lessors



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

L. L. S. 687
L. L. S. 687



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



DATE: OCTOBER 24 20 24
OPERATORS WELL NO:
API WELL NO
47 - 061 - 01944
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Battelle COUNTY: Monongalia
SURFACE OWNER: Consol Mining Company LLC ACREAGE: 46.75 ±
ROYALTY OWNER: Bounty Minerals, LLC LEASE NO: 189033000 ACREAGE: 59.02 ±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,848'

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

AS-DRILLED

WDTN18AHSM
CNX Gas Company LLC

WDTN18AHSM
AS-DRILLED
BOTTOM HOLE



NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED BY CNX GAS COMPANY LLC AND TAX RECORDS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well
- Plugged Well Location
- Abandoned Well
- Future Use
- Surface Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Match Line
- Lease Boundary
- Creek or Drain
- State Line
- WV County Route
- WV State Route

See Page 3 For Surface Owners and Lessors

(- ⊕) Denotes Location of Well on United States Topographic Maps

AZ 324°59'06"
20,807±

PENNSYLVANIA
GREENE COUNTY

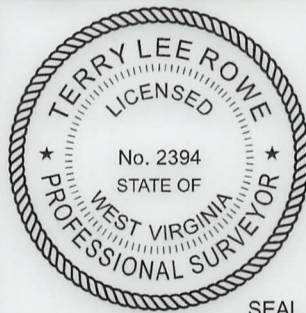
WEST VIRGINIA
MONONGALIA COUNTY

Matchline Sheet 1
Matchline Sheet 2



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

L. L. S. 687
L. L. S. 687



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



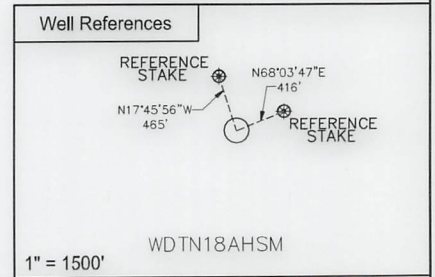
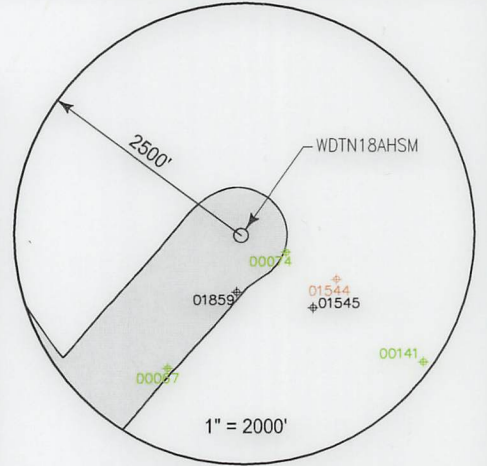
DATE: OCTOBER 24 20 24
 OPERATORS WELL NO: _____
 API WELL NO
 47 - 061 - 01944
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
 DISTRICT: Battelle COUNTY: Monongalia
 SURFACE OWNER: Consol Mining Company LLC ACREAGE: 46.75 ±
 ROYALTY OWNER: Bounty Minerals, LLC LEASE NO: 189033000 ACREAGE: 59.02 ±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,848'

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

AS-DRILLED

TRACT ID	SURFACE OWNER	LESSOR	PIN
1	Consol Mining Company LLC	Bounty Minerals, LLC	1-9-37
			1-12-7
		Bounty Minerals III Acquisitions, LLC	
		LOLA Drilling I, LLC	
		Rice Drilling B, LLC	
3	Consol Mining Company LLC	Norman Core	1-12-4
		Deep Rock Mineral Group, Inc.	
		Northeast Natural Energy LLC	
		EQT Production Company	
		Kimeric and Company, LLC	
		Antero Resources Corporation	
		Shuman, Inc.	
		Pamela J. Gaston	
4	Consol Mining Company LLC	Fred C. Park, et al	1-9-35
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	
		Joseph S. Delaney	
		Michael S. Delaney	
		Earlene Owens and Robert Owens, w/h	
		Nancy Paulovicks and Jay E. Paulovicks, w/h	
		Martha A. Pryor, a/k/a Martha Ann Pryor by Robert Owens as Agent	
		W. James Shannon	
		Leon E. Delaney	
		Jeff T. Delaney	
		Mary Ellen Bell	
		Lee E. Delaney	
		Martha Ann Price	
George William Cummins, Jr.			
David Allen Jolliffe and Donna Sue A. Jolliffe, h/w			
Lisa Ellen May and Gary A. May, w/h			



SURFACE HOLE LOCATION (SHL)	
UTM 17 NAD 83	
N: 4393679.771	
E: 555018.489	
NAD 83, WV NORTH	
N: 435019.883	
E: 1726964.377	
LAT/LON DATUM NAD 83	
LAT: 39°41'28.276"	
LO: 80°21'30.006"	
LANDING POINT	
UTM 17 NAD 83	
N: 4393206.434	
E: 554292.169	
NAD 83, WV NORTH	
N: 433506.507	
E: 1724555.098	
LAT/LON DATUM NAD 83	
LAT: 39°41'13.091"	
LO: 80°22'00.639"	
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	
N: 4398337.100	
E: 550568.586	
NAD 83, WV NORTH	
N: 450546.383	
E: 1712617.917	
LAT/LON DATUM NAD 83	
LAT: 39°44'00.328"	
LO: 80°24'35.542"	

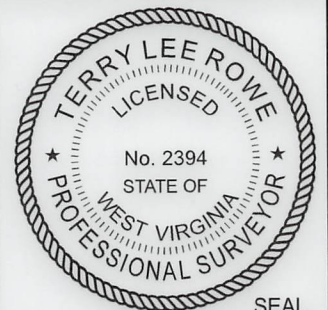
WDTN18 WELL PAD

WDTN18AHSM ○ ○ WDTN18UHSM
WDTN18BHSM ○ ○ WDTN18EHSM
WDTN18CHSM ○ ○ WDTN18DHSM



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

L. L. S. 687
L. L. S. 687



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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



DATE: OCTOBER 24 20 24
OPERATORS WELL NO: _____
API WELL NO: 47 - 061 - 01944
STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown
DISTRICT: Battelle COUNTY: Monongalia

SURFACE OWNER: Consol Mining Company LLC ACREAGE: 59.02 ±
ROYALTY OWNER: Bounty Minerals, LLC LEASE NO: 189033000 ACREAGE: 59.02 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: TVD: 7,848'

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

03/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
5	Consol Mining Company LLC	Fred C. Park, et al	1-9-34 1-9-34.1
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	
6	Consol Mining Company LLC	Mike Ross, Inc.	1-9-29
		Waco Oil & Gas Co., Inc.	
7	Consol Mining Company LLC	Ronnie Lee Jones and Elizabeth Ann Jones, h/w	1-9-30
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	
8A	Consol Mining Company LLC	Martha Sue Kerr	1-9-36
		Larry A. Kerr	
		Antero Resources Corporation	
		Bruce Scott Carpenter	
		Patti Carpenter	
		Bruce P. Carpenter	
		Jeannine Osmanski and Robert E. Osmanski, w/h	
8B	Consol Mining Company LLC	Martha Sue Kerr	1-12-5
		Larry A. Kerr	
		Antero Resources Corporation	
		Bruce Scott Carpenter	
		Patti Carpenter	
		Bruce P. Carpenter	
		Jeannine Osmanski and Robert E. Osmanski, w/h	
8C	Consol Mining Company LLC	Martha Sue Kerr	1-9-36
		Larry A. Kerr	
		Antero Resources Corporation	
		Bruce Scott Carpenter	
		Patti Carpenter	
		Bruce P. Carpenter	
		Jeannine Osmanski and Robert E. Osmanski, w/h	
		Rodney A Clovis	
		Christopher Lance Clovis	
		Timothy Steele Clovis a/k/a Timothy S. Clovis	
		Clinton Alan Clovis a/k/a Clint Clovis	
		Robin L. Clovis Wade a/k/a Robin Lynn Clovis	
		James Douglas Campbell	
		Robert York Uren	
		Pennie Mae Gurley	
		Tiffany May Coker and Micahel D. Coker, w/h	
		Joseph Allen Campbell and Kathryn Ernst Campbell, h/w	
		Dorothy Ione Harcum	
		David Hilirion Campbell and Sheryl L. Campbell, h/w	
		Regina Kay Orfanos and Anthony Orfanos, w/h	
		Michelle Law	
		Tina Law	
		Robin Lynn Campbell	
		Susan Cale Teter and Gary Teter, w/h	
		John Edward Cale	
		Karen L. Haught and Jimmie A. Haught, w/h	

03/07/2025

	Edwin R. White a/k/a Eddie White and Patricia White,
	Cherrie Anderson Yost a/k/a Cherrie Anderson Yost
	Douglas Yost
	David Yost
	Nancy Bohannon
	Mary Jo Morris
	Janet Eglund
	David Allen Jolliffe and Donna Sue A. Jolliffe, h/w
	Lisa Ellen May and Gary A. May, w/h
	William James Shannon
	Nancy Paulovicks
	Robert Owens and Earlene Owens, h/w
	Mary Ellen Bell
	Martha Ann Prince
	Charles R. Delaney
	Shawn Delaney
	Larry Delaney
	George William Cummins, Jr.
	Lee E. Delaney and Shannon Delaney, h/w
	Susan D. Delaney
	Joseph S. Delaney
	Michael S. Delaney and Susan Delaney, h/w
	Nola Chisler and Charles D. Chisler, w/h
	Jay Park and Carolyn S. Park, h/w
	Donna J. Glaspell a/k/a Donna J. Snyder
	Debra Lynn Lundgren
	Cheryl Darlene Fordyce
	Robert Henderson Fordyce a/k/a Robert H. Fordyce and Patricia A. Fordyce, h/w
	Martha Sue Cvechko and John M. Cvechko, w/h
	Brenda Lou Painter f/k/a Brenda Lou Henderson
	Cheryl Lynn Stout
	James Michael Cale and Laura W. Cale, h/w
	John Smith
	Robert L. Smith a/k/a Bob Smith and Carol Smith, h/w
	William M. Smith a/k/a Bill Smith and Ruth C. Smith, h/w
	Greg Rowland and Brady Rowland, h/w
	Carol Neal
	William F. Henderson a/k/a Willaim F. Hendeson a/k/a Bill Henderson
	Steve Edward Henderson
	Matthew David Stiles
	Mark Douglas Stiles, a/k/a Mark Douglas Stiles
	Marcia Stiles Batson
	James Aspinall and Marion Aspinall, h/w
	Robert S. Elliott
	Robert Scott Davis and Jennifer Davis, h/w
	Olen Ray Harker
	Jo Ann Henderson
	John Gaertner
	Taylor Nicole Best
	Kevin Russell Beasley
	Magnus Audbjorn Sonofthor
	Shannon Renee Sutton
	Jessica Bergevine
	Drema L. Howard
	Arnold Lebron Uren
	Victor A. White
	CNX Resource Holding LLC

03/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
10	Consol Mining Company LLC	Eastern Associated Coal Corporation	1-9-37 1-9-38
20	Consol Mining Company LLC	Donald C. Clovis and Donna P. Clovis, h/w	1-9-28 1-9-28.2
21	Consol Mining Company LLC	Donald C. Clovis and Donna P. Clovis, h/w	1-9-27 1-9-28.2
22A	CNX RCPC LLC	Joseph Muto	1-9-21
		Milan W. Cikovich, Jr. and Susan K. Cikovich	
		Steven E. Hennen	
		Gregory S. Clark	
		Carl J. Woods	
		Mark A. Clark	
		Beverly A. Tonge	
		Wanda Lee Shaffer	
		Denzil L. Hennen and Bonnie L. Hennen, h/w	
		Eugene D. Hennen	
		Nancy K. Haddix	
		Carolyn S. Moore and James E. Moore, w/h	
		Charlie Fudge	
		Mary Sargent Hennen	
		Belinda T. Shriver and Chalres C. Shriver, w/h	
		Donna K. Wickham	
		Denise Mitchell	
		Marjorie Woods White	
		James R. Hennen, Jr.	
		Judy Kay Marshall and Graham Marshall, h/w	
		Mary Virginia Davis	
		EQT Production Company	
		Donna R. Hennen	
		WOG Leaseing, LLC	
		Betty Short	
		Don Fordyce	
		Mildred Louise Walton	
		Linda S. Sansone and Charles F. Sansone, w/h	
		Karen S. Gray	
		Helene M. Muetzel	
		Cecil Hennen	
		Roger L. Pratt	
		Milan W. Cikovich, Jr., individually and as Trustee of the Amended and Restated Milan W. Cikovich Testamentary Trust F/B/O Francine R. Cikovich, and Christine Michelle Park, individually and as Trsutee of the Amended and Restated Milan W. Cikovich Testamentary Trust F/B/O Francine R. Cikovich	
		Melissa Ann Hennen Limbaugh	
		Three Rivers Royalty II, LLC	
		Connie Jean Thompson Hennen	
		Richard P. Hennen	
		Bonnie Lee Hennen Winnen	
		David L. Liming and Nancy A. Liming, h/w	
		Herbert Lee Haines and Linda R. Haines, h/w	
		Helen Pecora	
		Dorothy Chohrach	
		Patricia A. Cooney	
		Nancy Irwin Singer	
		James C. Irwin	
		Jeannette Irwin Prout	
		St. John's Evangelical Protestant Church	
		Nelson James Hennen, Jr.	
		Francis J. Waldron Hennen	
		Delores Ann Hennen Bryant	
		Clark H. Hennen	
		Ronald Fordyce	
		James Cox	
		Ralph E. Hixenbaugh	
		Frank Hennen	
		Frank Hennen	
		Carol A. Irwin	
		Bernard A. Yocke	

03/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
22B	CNX RCPC LLC	Joseph Muto	1-9-21
		Milan W. Cikovich, Jr. and Susan K. Cikovich	
		Steven E. Hennen	
		Gregory S. Clark	
		Carl J. Woods	
		Mark A. Clark	
		Beverly A. Tonge	
		Wanda Lee Shaffer	
		Denzil L. Hennen and Bonnie L. Hennen, h/w	
		Eugene D. Hennen	
		Nancy K. Haddix	
		Carolyn S. Moore and James E. Moore, w/h	
		Charlie Fudge	
		Mary Sargent Hennen	
		Belinda T. Shriver and Chalres C. Shriver, w/h	
		Donna K. Wickham	
		Denise Mitchell	
		Marjorie Woods White	
		James R. Hennen, Jr.	
		Judy Kay Marshall and Graham Marshall, h/w	
		Mary Virginia Davis	
		EQT Production Company	
		Donna R. Hennen	
		WOG Leaseing, LLC	
		Betty Short	
		Don Fordyce	
		Mildred Louise Walton	
		Linda S. Sansone and Charles F. Sansone, w/h	
		Karen S. Gray	
		Helene M. Muetzel	
		Cecil Hennen	
		Roger L. Pratt	
		Milan W. Cikovich, Jr., individually and as Trustee of the Amended and Restated Milan W. Cikovich Testamentary Trust F/B/O Francine R. Cikovich, and Christine Michelle Park, individually and as Trsutee of the Amended and Restated Milan W. Cikovich Testamentary Trust F/B/O Francine R. Cikovich	
		Melissa Ann Hennen Limbaugh	
		Three Rivers Royalty II, LLC	
		Connie Jean Thompson Hennen	
		Richard P. Hennen	
		Bonnie Lee Hennen Winnen	
		David L. Liming and Nancy A. Liming, h/w	
		Herbert Lee Haines and Linda R. Haines, h/w	
		Helen Pecora	
		Dorothy Chohrach	
		Patricia A. Cooney	
		Nancy Irwin Singer	
		James C. Irwin	
		Jeannette Irwin Prout	
		St. John's Evangelical Protestant Church	
		Nelson James Hennen, Jr.	
		Francis J. Waldron Hennen	
		Delores Ann Hennen Bryant	
		Clark H. Hennen	
		Ronald Fordyce	
		James Cox	
		Ralph E. Hixenbaugh	
		Frank Hennen	
		Frank Hennen	
		Carol A. Irwin	
		Bernard A. Yocke	
TRACT ID	SURFACE OWNER	LESSOR	PIN
23	Consol Mining Company LLC	Russell Scotchell and Robin G. Scotchell, h/w	1-9-22
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	

03/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
33A	Robert L. Slider, et al	Larry Charles Taylor, individually and as trustee for the Generation-Skipping Trust FBO Larry Charles Taylor	1-9-1 1-9-1.1 1-9-1.3 1-9-1.4
		Samata Taylor-Sturm, a/k/a Dixie Taylor-Sturm and Michael Douglas Sturm, wife and husband	
		Linda Suzann Miller, individually and as trustee for the Generation-Skipping Trust FBO Linda Suzann Miller	
		Chrysanthe E. Taylor a/k/a Chris Taylor	
TRACT ID	SURFACE OWNER	LESSOR	PIN
33B	Joey A. Slider, et ux	Larry Charles Taylor, individually and as trustee for the Generation-Skipping Trust FBO Larry Charles Taylor	1-9-1.2
		Samata Taylor-Sturm, a/k/a Dixie Taylor-Sturm and Michael Douglas Sturm, wife and husband	
		Linda Suzann Miller, individually and as trustee for the Generation-Skipping Trust FBO Linda Suzann Miller	
		Chrysanthe E. Taylor a/k/a Chris Taylor	
TRACT ID	SURFACE OWNER	LESSOR	PIN
34	Consol Mining Company LLC	Jenny Lynn Clark and Philip E. Clark, w/h Clyde F. Hostutler and June Hostutler, h/w George W. Hostutler	1-9-2
TRACT ID	SURFACE OWNER	LESSOR	PIN
35	David Henderson, et ux	David Henderson and Gail Henderson, h/w	1-10-5
		Antero Resources Corporation	
		Kenneth Jeffrey Campbell	
		Robert William Campbell	
		Janice Kay Dorsey Whitaker	
		Janet Lynn Dorsey Stukins	
		James W. Dorsey	
		Daniel Bruce Booth, aka Daniel B. Booth	
		William Charles Booth, aka William C. Booth	
		David Lee Booth aka David L. Booth	
		Gary Arthur Kesteven	
		Wendy C. Hershey fka Wendy C. Kesteven	
		Gary Allan Booth	
		Judith Ann Booth Taylor aka Judy A. Taylor	
TRACT ID	SURFACE OWNER	LESSOR	PIN
51B	Monongalia County Coal Resources LLC	Wild Thing Barnstormers, LLC	1-2-1
		Accord Land Services, LLC	
		Stanhagen Legal LLC	
		MP&G Legacy Holding, LLC	
		Regina Schrimper	
		Latricia Estridge	
		Jon Walton	
		Ellis Shannon McCreadie	
		Sarah E. Roark, f/k/a Sarah E. McCreadie	
		Anna Marie Boortz	
		Virginia Smalley	
		Clareen Frances Gomez	
		Timothy Michael Kleinhenz and Verallen M. Kleinhenz,	
		Gregory Joseph Kleinhenz	
		Dora Irene Antel Six	
		Alice Clara Conwell, a/k/a Alice Clarie Conwell	
		Judith Six	
		Marjorie Oakley	
		David M. McCallum	
		Michael Stephen Kleinhenz	
		Mark Anthony Kleinhenz	
		Andrea Lee Chapman	
		Anthony Francis Kleinhenz	
		Carol Marie Murray	
		Barbara Ann Dillon	
		Linda Samuels	
		Jimmie Kyle Core	
		Donna DiPietrantonio, f/k/a Donna Romey	
		Wilma Arlene Coffey	
		Monongalia County Coal Company	

03/07/2025

TRACT ID	SURFACE OWNER	LESSOR	PIN
52B	Cucumber Tree Farm Inc.	Cucumber Tree Farm, Inc.	1-1-9
		Mountain V Oil and Gas, Inc.	
		Hayden Harper Energy Pennsylvania, LLC	
		Bluestone Energy Partners	
		Antero Resources Bluestone LLC	
		Antero Resources Appalachian Corporation	
		Energy Corporation of America	
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
53	Cucumber Tree Farm Inc.	Cucumber Tree Farm, Inc.	1-1-9
		Mountain V Oil and Gas, Inc.	
		Hayden Harper Energy Pennsylvania, LLC	
		Bluestone Energy Partners	
		Antero Resources Bluestone LLC	
		Antero Resources Appalachian Corporation	
		Energy Corporation of America	
		EQT Production Company	
TRACT ID	SURFACE OWNER	LESSOR	PIN
54A	Frank G. Cox, Jr., et ux	Frank G. Cox, Jr.	1-1-6
		Amy Vandenberghe	
		Antero Resources Corporation	

03/07/2025

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	07/17/2024
Job End Date:	09/12/2024
State:	West Virginia
County:	Monongalia
API Number:	47-061-01944-00-00
Operator Name:	CNX Gas Company LLC
Well Name and Number:	WDTN18AHSM
Latitude:	39.689299
Longitude:	-80.358286
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7805
Total Base Water Volume (gal)*:	30506070
Total Base Non Water Volume:	0



Water Source	Percent
--------------	---------

RECEIVED
Office Of Oil and Gas
NOV 19 2024
WV Department of
Environmental Protection

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
ACI-150	PVS-Nolwood Chemicals	Acid corrosion inhibitor					
Citric Acid 50%	PVS-Nolwood Chemicals	Iron Control					
Clearal 268	Chemstream	Biocide					
FDP-S1435-21	Halliburton	Friction Reducer					
HCL Acid (28%)	CHEMSTREAM	Acid					
Sand	US Silica	Proppant					
StimSTREAM FR 9800	Chemstream	Friction Reducer					
StimSTREAM SC 405	Chemstream	Scale Control					
Water	CNX	Carrier/Base Fluid					

Items above are Trade Names. Items below are the individual ingredients.

03/07/2025

			Water	7732-18-5	100.00000	83.45696	None
			Crystalline Silica in the form of Quartz	14808-60-7	99.90000	16.41231	None
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	40.00000	0.02126	None
			Alkanes, C12-26-Branched and Linear	90622-53-0	40.00000	0.02126	None
			Acrylic Polymer	9003-05-8	100.00000	0.01841	None
			Hydrogen chloride	7647-01-0	28.00000	0.01294	None
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00266	None
			Glutaraldehyde	111-30-8	20.00000	0.00205	None
			AA/Maleic Anhydride Co-polymer	9003-04-7	5.00000	0.00064	None
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00064	None
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00031	None
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00031	None
			Citric acid	77-92-9	50.50000	0.00016	None
			Methyl alcohol	67-56-1	70.00000	0.00016	None
			Ethanol	64-17-5	1.50000	0.00015	None
			Ethylene glycol	107-21-1	20.00000	0.00005	None
			N,N-Dimethylformamide	68-12-2	10.00000	0.00002	None
			Cinnamaldehyde	104-55-2	5.00000	0.00001	None
			2-Butoxyethanol	111-76-2	5.00000	0.00001	None
			Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	5.00000	0.00001	None
			Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	5.00000	0.00001	None

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

RECEIVED
Office Of Oil and Gas

NOV 12 2024

WV Department of
Environmental Protection
03/07/2025

API:47-061-01944

CNX RESOURCES LLC

WELL NAME: WDTN18AHSM

All depths are referenced to GLE

LITHOLOGIES

LITHOLOGY / FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
Un-named Shale-Sand	0	448	0	448	Shale/Sandstone
Washington Coal Seam	448	450	448	450	Coal
un-named red shale siltstone and sand	450	538	450	538	Shale/Sandstone/Siltstone
Waynesburg A Coal Seam	538	539	538	539	Coal
Un-named shale and sand	539	612	539	612	Shale/Sandstone
Waynesburg B2 Coal Seam	612	614	612	614	Coal
Un-named shale and sand	614	614	614	614	Shale/Sandstone
Waynesburg B1 Coal Seam	614	618	614	618	Coal
Un-named shale and sand	618	873	618	873	Shale/Sandstone
Sewickley Coal Seam	873	878	873	878	Coal
Un-named shale and sand	878	978	878	978	Shale/Sandstone
Pittsburgh Coal Seam	978	984	978	984	Coal
un-named shale and sand	984	1336	984	1336	Shale/Sandstone
Bakers Town	1336	1337	1336	1337	Coal
un-named shale and sand	1337	1441	1337	1441	Shale/Sandstone
Brush Creek	1441	1442	1441	1442	Coal
un-named shale and sand	1442	1500	1442	1500	Shale/Sandstone
Mahoning	1500	1501	1500	1501	Coal
un-named shale and sand	1501	1551	1501	1551	Shale/Sandstone
Upper Freeport	1551	1551	1551	1551	Coal
Gas Sand	1551	1591	1551	1591	Sandstone
Lower Freeport	1591	1593	1591	1593	Coal
1st Salt Sand	1593	1715	1593	1715	Sandstone
Middle Kittanning Coal Seam	1715	1716	1715	1716	Coal
un-named shale and sand	1716	1834	1716	1834	Shale/Sandstone
2nd Salt Sand	1834	1919	1834	1919	Sandstone
un-named shale and sand	1919	1979	1919	1979	Shale/Sandstone
3rd Salt Sand	1979	2009	1979	2009	Sandstone
Big Lime	2189	2415	2189	2415	Limestone
Big Injun	2415	2503	2415	2503	Sandstone
Big Injun Base	2503	2916	2503	2917	Siltstone/Shale
Gantz	2916	3012	2917	3013	Sandstone
Gantz Base	3012	3029	3013	3030	Siltstone/Shale
50 Foot	3029	3104	3030	3105	Sandstone
Fifty Foot Base	3104	3137	3105	3138	Siltstone/Shale
30 Foot	3137	3178	3138	3180	Sandstone

API:47-061-01944

CNX RESOURCES LLC

WELL NAME: WDTN18AHSM

All depths are referenced to GLE

LITHOLOGIES

LITHOLOGY / FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC)
30 Foot Base	3178	3213	3180	3215	Siltstone/Shale
Gordon	3213	3279	3215	3281	Sandstone
Gordon Base	3279	3392	3281	3395	Siltstone/Shale

RECEIVED
Office Of Oil and Gas
NGV 12 2024
WV Department of
Environmental Protection

ATTACHMENT 1: WDTN18AHSM 47-061-01944

WELLNAME	Stage	date_perfed	From_TMD	To_TMD	Shots	Formation
WDTN18AHSM	1	7/17/2024	29,701.0	29,754.0	16	MARCELLUS
WDTN18AHSM	2	7/17/2024	29,435.5	29,646.5	48	MARCELLUS
WDTN18AHSM	3	7/18/2024	29,195.5	29,406.5	48	MARCELLUS
WDTN18AHSM	4	7/18/2024	28,955.5	29,166.5	48	MARCELLUS
WDTN18AHSM	5	7/18/2024	28,715.5	28,926.5	48	MARCELLUS
WDTN18AHSM	6	7/19/2024	28,475.5	28,686.5	48	MARCELLUS
WDTN18AHSM	7	7/19/2024	28,235.5	28,446.5	48	MARCELLUS
WDTN18AHSM	8	7/19/2024	27,995.5	28,206.5	48	MARCELLUS
WDTN18AHSM	9	7/19/2024	27,755.5	27,966.5	48	MARCELLUS
WDTN18AHSM	10	7/20/2024	27,515.5	27,726.5	48	MARCELLUS
WDTN18AHSM	11	7/20/2024	27,275.5	27,486.5	48	MARCELLUS
WDTN18AHSM	12	7/20/2024	27,035.5	27,246.5	48	MARCELLUS
WDTN18AHSM	13	7/21/2024	26,795.5	27,006.5	48	MARCELLUS
WDTN18AHSM	14	7/21/2024	26,555.5	26,766.5	48	MARCELLUS
WDTN18AHSM	15	7/21/2024	26,315.5	26,526.5	48	MARCELLUS
WDTN18AHSM	16	7/22/2024	26,076.4	26,286.5	48	MARCELLUS
WDTN18AHSM	17	7/22/2024	25,837.4	26,047.5	48	MARCELLUS
WDTN18AHSM	18	7/22/2024	25,598.4	25,808.5	48	MARCELLUS
WDTN18AHSM	19	7/23/2024	25,359.4	25,569.5	48	MARCELLUS
WDTN18AHSM	20	7/24/2024	25,120.4	25,330.5	48	MARCELLUS
WDTN18AHSM	21	7/24/2024	24,881.4	25,091.5	48	MARCELLUS
WDTN18AHSM	22	7/25/2024	24,642.4	24,852.5	48	MARCELLUS
WDTN18AHSM	23	7/25/2024	24,403.4	24,613.5	48	MARCELLUS
WDTN18AHSM	24	7/25/2024	24,164.4	24,374.5	48	MARCELLUS
WDTN18AHSM	25	7/26/2024	23,925.4	24,135.5	48	MARCELLUS
WDTN18AHSM	26	7/26/2024	23,686.4	23,896.5	48	MARCELLUS
WDTN18AHSM	27	7/26/2024	23,447.4	23,657.5	48	MARCELLUS
WDTN18AHSM	28	7/27/2024	23,208.4	23,418.5	48	MARCELLUS
WDTN18AHSM	29	7/27/2024	22,969.4	23,179.5	48	MARCELLUS
WDTN18AHSM	30	7/27/2024	22,730.4	22,940.5	48	MARCELLUS
WDTN18AHSM	31	7/27/2024	22,491.4	22,701.5	48	MARCELLUS
WDTN18AHSM	32	7/28/2024	22,252.4	22,462.5	48	MARCELLUS
WDTN18AHSM	33	7/28/2024	22,013.4	22,223.5	48	MARCELLUS
WDTN18AHSM	34	7/28/2024	21,774.4	21,984.5	48	MARCELLUS
WDTN18AHSM	35	7/29/2024	21,535.4	21,745.5	48	MARCELLUS
WDTN18AHSM	36	7/29/2024	21,296.4	21,506.5	48	MARCELLUS
WDTN18AHSM	37	7/29/2024	21,057.4	21,267.5	48	MARCELLUS
WDTN18AHSM	38	7/29/2024	20,818.4	21,028.5	48	MARCELLUS
WDTN18AHSM	39	7/30/2024	20,579.4	20,789.5	48	MARCELLUS
WDTN18AHSM	40	8/12/2024	20,340.4	20,550.5	48	MARCELLUS
WDTN18AHSM	41	8/12/2024	20,101.4	20,311.5	48	MARCELLUS
WDTN18AHSM	42	8/12/2024	19,862.4	20,072.5	48	MARCELLUS

WV Department of Environmental Protection
 Office of Oil and Gas
 NOV 12 2024

ATTACHMENT 1: WDTN18AHSM 47-061-01944

WELLNAME	Stage	date_perfed	From_TMD	To_TMD	Shots	Formation
WDTN18AHSM	43	8/13/2024	19,623.4	19,833.5	48	MARCELLUS
WDTN18AHSM	44	8/13/2024	19,384.4	19,594.5	48	MARCELLUS
WDTN18AHSM	45	8/13/2024	19,145.4	19,355.5	48	MARCELLUS
WDTN18AHSM	46	8/13/2024	18,906.4	19,116.5	48	MARCELLUS
WDTN18AHSM	47	9/2/2024	18,667.4	18,877.5	48	MARCELLUS
WDTN18AHSM	48	9/2/2024	18,428.4	18,638.5	48	MARCELLUS
WDTN18AHSM	49	9/2/2024	18,189.4	18,399.5	48	MARCELLUS
WDTN18AHSM	50	9/2/2024	17,950.4	18,160.5	48	MARCELLUS
WDTN18AHSM	51	9/2/2024	17,711.4	17,921.5	48	MARCELLUS
WDTN18AHSM	52	9/3/2024	17,472.4	17,682.5	48	MARCELLUS
WDTN18AHSM	53	9/3/2024	17,233.4	17,443.5	48	MARCELLUS
WDTN18AHSM	54	9/3/2024	16,994.4	17,204.5	48	MARCELLUS
WDTN18AHSM	55	9/4/2024	16,755.4	16,965.5	48	MARCELLUS
WDTN18AHSM	56	9/4/2024	16,516.4	16,726.5	48	MARCELLUS
WDTN18AHSM	57	9/4/2024	16,277.4	16,487.5	48	MARCELLUS
WDTN18AHSM	58	9/4/2024	16,038.4	16,248.5	48	MARCELLUS
WDTN18AHSM	59	9/5/2024	15,799.4	16,009.5	48	MARCELLUS
WDTN18AHSM	60	9/5/2024	15,560.4	15,770.5	48	MARCELLUS
WDTN18AHSM	61	9/5/2024	15,321.4	15,531.5	48	MARCELLUS
WDTN18AHSM	62	9/5/2024	15,082.4	15,292.5	48	MARCELLUS
WDTN18AHSM	63	9/5/2024	14,843.4	15,053.5	48	MARCELLUS
WDTN18AHSM	64	9/5/2024	14,604.4	14,814.5	48	MARCELLUS
WDTN18AHSM	65	9/6/2024	14,365.4	14,575.5	48	MARCELLUS
WDTN18AHSM	66	9/6/2024	14,126.4	14,336.5	48	MARCELLUS
WDTN18AHSM	67	9/6/2024	13,887.4	14,097.5	48	MARCELLUS
WDTN18AHSM	68	9/6/2024	13,648.4	13,858.5	48	MARCELLUS
WDTN18AHSM	69	9/7/2024	13,409.4	13,619.5	48	MARCELLUS
WDTN18AHSM	70	9/7/2024	13,170.4	13,380.5	48	MARCELLUS
WDTN18AHSM	71	9/7/2024	12,931.4	13,141.5	48	MARCELLUS
WDTN18AHSM	72	9/7/2024	12,692.4	12,902.5	48	MARCELLUS
WDTN18AHSM	73	9/8/2024	12,453.4	12,663.5	48	MARCELLUS
WDTN18AHSM	74	9/8/2024	12,214.4	12,424.5	48	MARCELLUS
WDTN18AHSM	75	9/8/2024	11,975.4	12,185.5	48	MARCELLUS
WDTN18AHSM	76	9/8/2024	11,736.4	11,946.5	48	MARCELLUS
WDTN18AHSM	77	9/9/2024	11,497.4	11,707.5	48	MARCELLUS
WDTN18AHSM	78	9/9/2024	11,258.4	11,468.5	48	MARCELLUS
WDTN18AHSM	79	9/9/2024	11,019.4	11,229.5	48	MARCELLUS
WDTN18AHSM	80	9/10/2024	10,780.4	10,990.5	48	MARCELLUS
WDTN18AHSM	81	9/10/2024	10,541.4	10,751.5	48	MARCELLUS
WDTN18AHSM	82	9/10/2024	10,302.4	10,512.5	48	MARCELLUS
WDTN18AHSM	83	9/10/2024	10,063.4	10,273.5	48	MARCELLUS
WDTN18AHSM	84	9/10/2024	9,824.4	10,034.5	48	MARCELLUS

Office Of Oil and Gas
 NOV 19 2024
 WV Department of
 Environmental Protection

ATTACHMENT 1: WDTN18AHSM 47-061-01944

WELLNAME	Stage	date_perfed	From_TMD	To_TMD	Shots	Formation
WDTN18AHSM	85	9/11/2024	9,585.4	9,795.5	48	MARCELLUS
WDTN18AHSM	86	9/11/2024	9,346.4	9,556.5	48	MARCELLUS
WDTN18AHSM	87	9/11/2024	9,107.4	9,317.5	48	MARCELLUS
WDTN18AHSM	88	9/12/2024	8,868.4	9,078.5	48	MARCELLUS

RECEIVED
Office Of Oil and Gas
NOV 12 2024
WV Department of
Environmental Protection

ATTACHMENT 2: WDTN18AHSM 47-061-01944

wellname	IntRefNo	date_stim	avg_rate	avg_press	max_press	ISIP	Prop_Type	Prop_sz
WDTN18AHSM	1	7/17/2024	76	11,515.0	11,993.3	5,291.0	sand	100/100
WDTN18AHSM	2	7/17/2024	81	11,393.2	12,153.0	5,369.0	sand	100/100
WDTN18AHSM	3	7/18/2024	86	11,863.0	12,044.0	5,392.0	sand	100/100
WDTN18AHSM	4	7/18/2024	87	11,911.5	12,170.0	5,259.0	sand	100/100
WDTN18AHSM	5	7/18/2024	87	11,942.0	12,084.0	5,225.0	sand	100/100
WDTN18AHSM	6	7/19/2024	87	11,880.3	12,045.2	4,979.1	sand	100/100
WDTN18AHSM	7	7/19/2024	87	11,892.1	12,101.0	5,931.0	sand	100/100
WDTN18AHSM	8	7/19/2024	90	11,945.6	12,074.0	5,280.0	sand	100/100
WDTN18AHSM	9	7/20/2024	90	11,913.9	12,081.0	5,079.0	sand	100/100
WDTN18AHSM	10	7/20/2024	91	11,895.5	12,031.0	6,148.0	sand	100/100
WDTN18AHSM	11	7/20/2024	95	11,909.0	12,078.5	6,086.0	sand	100/100
WDTN18AHSM	12	7/21/2024	97	11,780.0	12,064.0	5,720.0	sand	100/100
WDTN18AHSM	13	7/21/2024	92	11,884.3	12,070.0	6,082.0	sand	100/100
WDTN18AHSM	14	7/21/2024	94	11,904.4	12,181.0	6,213.0	sand	100/100
WDTN18AHSM	15	7/22/2024	94	11,925.1	12,083.0	6,047.0	sand	100/100
WDTN18AHSM	16	7/22/2024	93	11,930.4	12,045.0	6,153.1	sand	100/100
WDTN18AHSM	17	7/22/2024	95	11,914.9	12,196.0	6,374.1	sand	100/100
WDTN18AHSM	18	7/22/2024	96	11,899.0	12,079.0	6,296.0	sand	100/100
WDTN18AHSM	19	7/23/2024	98	11,922.2	12,084.0	5,980.0	sand	100/100
WDTN18AHSM	20	7/24/2024	97	11,784.8	12,037.0	6,236.1	sand	100/100
WDTN18AHSM	21	7/24/2024	98	11,841.7	12,036.0	6,233.0	sand	100/100
WDTN18AHSM	22	7/25/2024	96	11,866.6	12,121.0	6,112.0	sand	100/100
WDTN18AHSM	23	7/25/2024	98	11,757.4	11,970.0	6,122.0	sand	100/100
WDTN18AHSM	24	7/25/2024	99	11,820.0	12,019.0	6,071.1	sand	100/100
WDTN18AHSM	25	7/26/2024	99	11,771.2	12,005.0	6,103.5	sand	100/100
WDTN18AHSM	26	7/26/2024	99	11,722.1	11,973.0	5,981.1	sand	100/100
WDTN18AHSM	27	7/27/2024	100	11,604.1	11,935.0	6,115.0	sand	100/100
WDTN18AHSM	28	7/27/2024	100	11,206.4	11,860.0	6,399.0	sand	100/100
WDTN18AHSM	29	7/27/2024	99	11,331.9	11,895.0	6,218.0	sand	100/100
WDTN18AHSM	30	7/27/2024	100	11,500.6	11,943.0	6,358.1	sand	100/100
WDTN18AHSM	31	7/28/2024	100	11,221.8	11,964.0	6,185.0	sand	100/100
WDTN18AHSM	32	7/28/2024	100	11,293.0	11,918.0	5,621.1	sand	100/100
WDTN18AHSM	33	7/28/2024	100	11,573.6	11,978.0	6,277.5	sand	100/100
WDTN18AHSM	34	7/29/2024	100	11,599.1	11,972.5	6,369.1	sand	100/100
WDTN18AHSM	35	7/29/2024	100	11,399.6	11,907.0	6,374.0	sand	100/100
WDTN18AHSM	36	7/29/2024	100	11,471.5	11,957.0	6,084.0	sand	100/100
WDTN18AHSM	37	7/29/2024	101	11,391.6	11,950.0	6,423.0	sand	100/100
WDTN18AHSM	38	7/30/2024	101	11,291.3	11,917.0	6,249.0	sand	100/100
WDTN18AHSM	39	8/12/2024	102	11,034.6	11,926.0	6,201.0	sand	100/100
WDTN18AHSM	40	8/12/2024	101	11,076.8	11,937.0	6,138.9	sand	100/100
WDTN18AHSM	41	8/12/2024	103	11,074.6	11,889.0	6,132.0	sand	100/100
WDTN18AHSM	42	8/13/2024	101	10,964.2	11,915.0	6,325.0	sand	100/100

Approved for completion
 7/29/2024
 [Signature]

ATTACHMENT 2: WDTN18AHSM 47-061-01944

wellname	IntRefNo	date_stim	avg_rate	avg_press	max_press	ISIP	Prop_Type	Prop_sz
WDTN18AHSM	43	8/13/2024	101	10,972.3	11,939.0	6,017.0	sand	100/100
WDTN18AHSM	44	8/13/2024	101	11,406.5	11,965.0	5,987.0	sand	100/100
WDTN18AHSM	45	8/13/2024	102	10,994.1	11,910.0	5,353.0	sand	100/100
WDTN18AHSM	46	9/1/2024	99	10,879.4	11,876.0	6,027.0	sand	100/100
WDTN18AHSM	47	9/2/2024	101	10,803.6	11,982.0	6,301.0	sand	100/100
WDTN18AHSM	48	9/2/2024	102	10,728.7	11,906.0	5,913.0	sand	100/100
WDTN18AHSM	49	9/2/2024	102	10,828.1	11,939.0	5,473.0	sand	100/100
WDTN18AHSM	50	9/2/2024	102	10,842.9	11,940.0	5,777.0	sand	100/100
WDTN18AHSM	51	9/3/2024	102	10,616.6	11,963.0	5,931.0	sand	100/100
WDTN18AHSM	52	9/3/2024	102	10,731.6	11,921.0	5,629.0	sand	100/100
WDTN18AHSM	53	9/3/2024	102	11,149.1	12,101.0	5,574.0	sand	100/100
WDTN18AHSM	54	9/3/2024	102	11,424.0	11,971.0	6,007.0	sand	100/100
WDTN18AHSM	55	9/4/2024	102	10,594.0	11,740.0	5,710.0	sand	100/100
WDTN18AHSM	56	9/4/2024	103	10,513.4	11,936.0	5,764.0	sand	100/100
WDTN18AHSM	57	9/4/2024	102	10,652.1	11,891.0	6,083.0	sand	100/100
WDTN18AHSM	58	9/4/2024	102	10,630.0	11,891.0	6,343.0	sand	100/100
WDTN18AHSM	59	9/5/2024	102	10,929.6	11,872.6	6,304.1	sand	100/100
WDTN18AHSM	60	9/5/2024	103	10,489.9	11,909.0	6,164.9	sand	100/100
WDTN18AHSM	61	9/5/2024	103	10,461.7	11,924.0	5,791.0	sand	100/100
WDTN18AHSM	62	9/5/2024	103	10,305.5	11,911.0	6,235.0	sand	100/100
WDTN18AHSM	63	9/5/2024	103	10,547.9	11,809.8	5,782.0	sand	100/100
WDTN18AHSM	64	9/6/2024	103	10,662.5	11,909.0	6,220.0	sand	100/100
WDTN18AHSM	65	9/6/2024	102	10,315.4	11,369.0	5,849.9	sand	100/100
WDTN18AHSM	66	9/6/2024	103	10,358.2	11,898.0	6,059.0	sand	100/100
WDTN18AHSM	67	9/6/2024	103	10,236.0	11,857.0	6,153.0	sand	100/100
WDTN18AHSM	68	9/7/2024	103	10,161.3	11,892.5	5,881.9	sand	100/100
WDTN18AHSM	69	9/7/2024	102	10,703.7	11,191.0	5,986.9	sand	100/100
WDTN18AHSM	70	9/7/2024	103	10,754.7	11,877.0	5,977.9	sand	100/100
WDTN18AHSM	71	9/7/2024	104	10,952.7	11,413.0	6,169.0	sand	100/100
WDTN18AHSM	72	9/8/2024	103	9,033.9	11,849.0	5,783.0	sand	100/100
WDTN18AHSM	73	9/8/2024	103	10,813.7	11,949.0	6,077.9	sand	100/100
WDTN18AHSM	74	9/8/2024	104	10,731.7	11,914.0	5,989.0	sand	100/100
WDTN18AHSM	75	9/8/2024	101	10,559.3	11,814.0	5,465.0	sand	100/100
WDTN18AHSM	76	9/9/2024	103	10,786.6	11,852.0	6,087.0	sand	100/100
WDTN18AHSM	77	9/9/2024	103	10,282.2	11,909.0	5,874.9	sand	100/100
WDTN18AHSM	78	9/9/2024	104	10,354.7	11,813.0	5,622.0	sand	100/100
WDTN18AHSM	79	9/9/2024	103	10,831.6	11,842.0	6,057.0	sand	100/100
WDTN18AHSM	80	9/10/2024	104	10,282.0	11,819.0	5,691.0	sand	100/100
WDTN18AHSM	81	9/10/2024	104	10,617.6	11,932.0	5,626.0	sand	100/100
WDTN18AHSM	82	9/10/2024	104	10,615.9	11,709.0	5,873.0	sand	100/100
WDTN18AHSM	83	9/10/2024	104	10,310.3	11,776.0	5,891.0	sand	100/100
WDTN18AHSM	84	9/11/2024	103	9,820.2	10,655.0	5,694.0	sand	100/100

Approved by: [Signature]
 Date: 9/11/2024
 Title: [Title]

ATTACHMENT 2: WDTN18AHSM 47-061-01944

wellname	IntRefNo	date_stim	avg_rate	avg_press	max_press	ISIP	Prop_Type	Prop_sz
WDTN18AHSM	85	9/11/2024	104	10,121.9	11,926.0	5,721.0	sand	100/100
WDTN18AHSM	86	9/11/2024	104	10,384.9	11,749.0	5,819.0	sand	100/100
WDTN18AHSM	87	9/12/2024	104	10,538.2	11,702.0	5,905.0	sand	100/100
WDTN18AHSM	88	9/12/2024	103	9,901.7	11,087.0	4,939.9	sand	100/100

RECEIVED
Office Of Oil and Gas
NOV 12 2024
WV Department of
Environmental Protection

03/07/2025