

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

API 47-061-01945-00-00 County MONONGALIA District BATTELLE  
Quad WADESTOWN Pad Name WDTN18 Field/Pool Name \_\_\_\_\_  
Farm name CONSOL MINING CO. LLC Well Number WDTN18BHSM  
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 4393673.724 Easting 555018.075  
Landing Point of Curve Northing 4393406.734 Easting 554525.586  
Bottom Hole Northing 4398275.199 Easting 550991.735

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 04.09.2024  
Date completion activities began 7.16.2024 Date completion activities ceased 9.26.2024  
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

**APPROVED**

RECEIVED  
Office of Oil and Gas  
DEC 09 2024  
Reviewed by [Signature]  
Environmental Protection  
03/14/2025

API 47- 061 - 01945-00-00 Farm name CONSOL MINING CO. LLC Well number WDTN18BHSM

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"	2,718'	NEW	J-55 36 lb/ft	N/A	Y - CEMENT TO SURFACE
Intermediate 2							
Intermediate 3							
Production	8.75" & 8.5"	5.5"	28,340'	NEW	P-110 CY 23 lb/ft	N/A	Y - TOC @ 2,860'
Tubing							
Packer type and depth set							

Comment Details ALL DEPTHS ARE REFERENCED AT GROUND LEVEL ELEVATION

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	CLASS A	820	16.0	1.13	927	Surface	8
Coal							
Intermediate 1	CLASS A	902	15.6	1.19	1,073	Surface	8
Intermediate 2							
Intermediate 3							
Production	NEOCEM / NEOCEM	660 (LEAD) / 4,675 (TAIL)	15.0 / 15.0	1.18 (LEAD) / 1.18 (TAIL)	779 (LEAD) / 5,517 (TAIL)	2,860'	8
Tubing							

Drillers TD (ft) 28,379' Loggers TD (ft) 28,379'  
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) Curve 7,400' (MD) 7,078' (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; 606 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  
**03/14/2025**

API 47-061 - 01945-00-00 Farm name CONSOL MINING CO. LLC Well number WDTN18BHSM

**PERFORATION RECORD**

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHMENT	1		

Please insert additional pages as applicable.

**STIMULATION INFORMATION PER STAGE**

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
		SEE	ATTACHMENT	2				

**RECEIVED**  
 Office of Oil and Gas  
 DEC 09 2024  
 WV Department of Environmental Protection  
 03/14/2025

Please insert additional pages as applicable.

API 47- 061 - 01945-00-00 Farm name CONSOL MINING CO. LLC Well number WDTN18BHSM

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>7,839'</u>	<u>TVD</u>	<u>9,207'</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 1971 psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 672 mcfpd Oil 0 bpd NGL 0 bpd Water 2616 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 <sub>2</sub> 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.

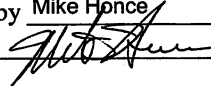
Drilling Contractor PRECISION DRILLING COMPANY  
Address 125 TECHNOLOGY DRIVE City CANONSBURG State PA Zip 15317

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

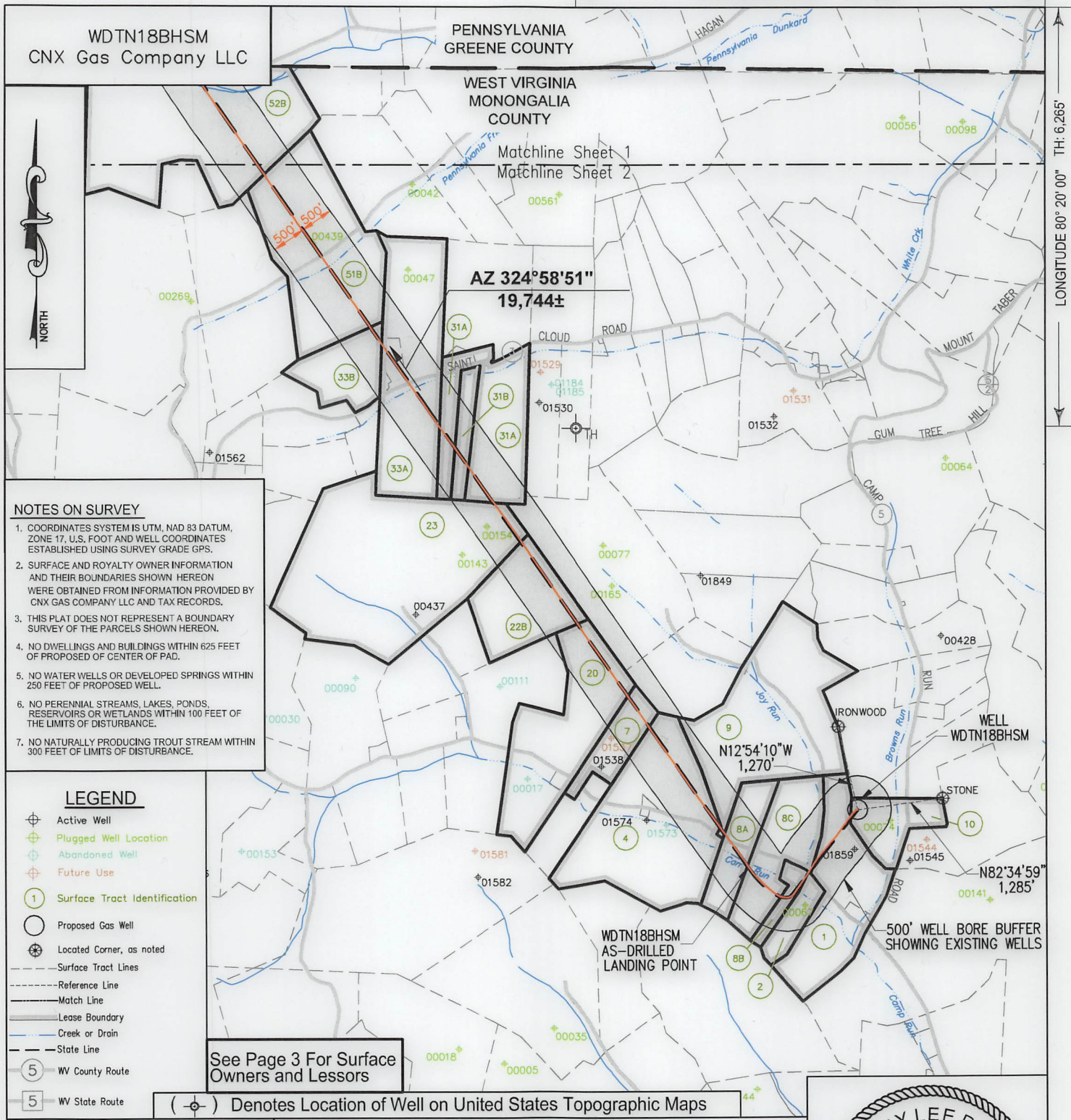
Stimulating Company Evolution Well Services  
Address 1780 Hughes Landing Blvd Suite 125 City The Woodlands State TX Zip 77380

Please insert additional pages as applicable.

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

RECEIVED  
Office of Oil and Gas  
DEC 09 2024





LONGITUDE 80° 20' 00" TH: 6,265'

**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

See Page 3 For Surface Owners and Lessors

( ) Denotes Location of Well on United States Topographic Maps



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.

*T. Rowe*

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 - 01945  
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

03/14/2025

AS-DRILLED

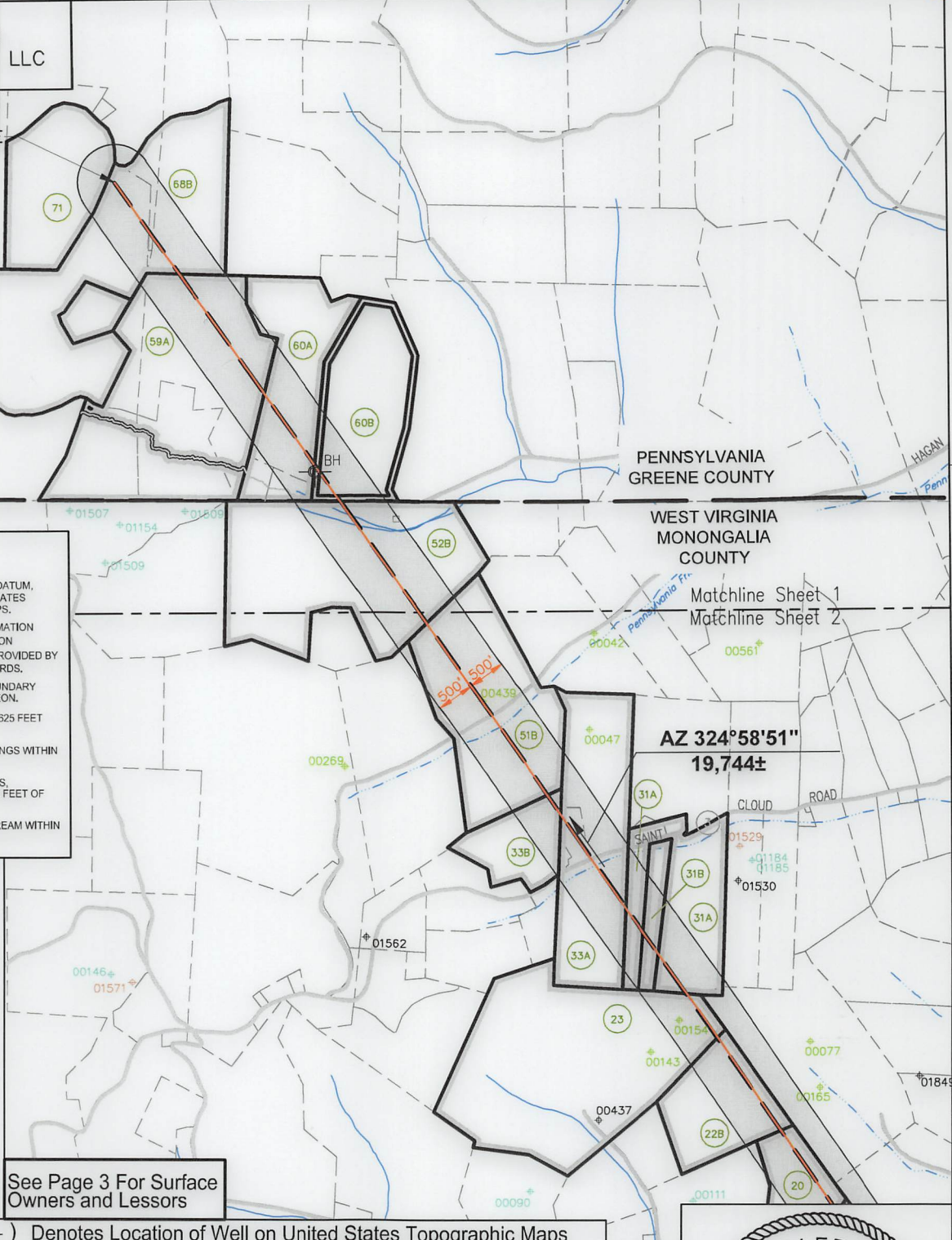


LATITUDE 39° 45' 00" BH: 8,425'

LONGITUDE 80° 22' 30" BH: 6,255'

WDTN18BHSM  
CNX Gas Company LLC

WDTN18BHSM  
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

Matchline Sheet 1  
Matchline Sheet 2

AZ 324°58'51"  
19,744±



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 - 01945  
 STATE COUNTY PERMIT

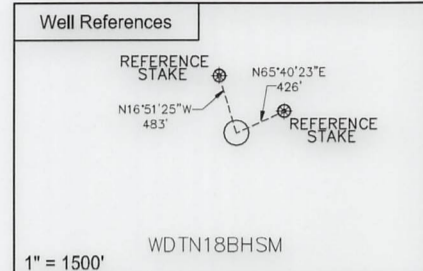
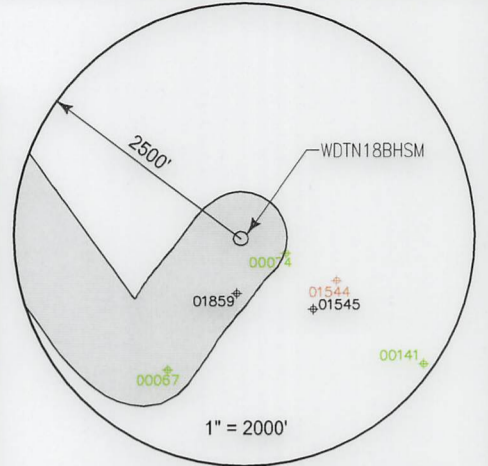
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION ELEVATION: 1199' WATERSHED: Dunkard Creek QUADRANGLE: Wadestown  
 DISTRICT: Battelle COUNTY: Monongalia  
 SURFACE OWNER: Consol Mining Company LLC ACREAGE: 46.75 ±  
 ROYALTY OWNER: Bounty 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

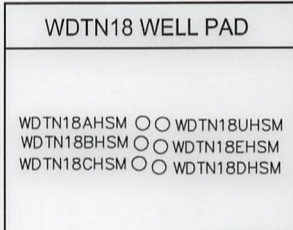
AS-DRILLED



TRACT ID	SURFACE OWNER	LESSOR	PIN
1	Consol Mining Company LLC	Bounty Minerals, LLC	1-9-37
		Bounty Minerals III Acquisitions, LLC	1-12-7
		LOLA Drilling I, LLC	
		Rice Drilling B, LLC	
2	CNX RCPC LLC	Marion C. Martell	1-12-6
		Terra Firma Company	
		CNX Land LLC	
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			
7	Consol Mining Company LLC	Ronnie Lee Jones and Elizabeth Ann Jones, h/w	1-9-30
		Consolidation Coal Company	
		CONSOL Mining Company 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	

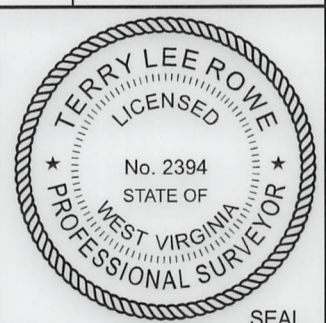


SURFACE HOLE LOCATION (SHL)	
UTM 17 NAD 83	
N: 4393673.724	
E: 555018.075	
NAD 83, WV NORTH	
N: 435000.063	
E: 1726962.686	
LAT/LON DATUM NAD 83	
LAT: 39°41'28.080"	
LON: 80°21'30.025"	
LANDING POINT	
UTM 17 NAD 83	
N: 4393406.734	
E: 554525.586	
NAD 83, WV NORTH	
N: 434150.970	
E: 1725332.007	
LAT/LON DATUM NAD 83	
LAT: 39°41'19.534"	
LON: 80°21'50.781"	
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	
N: 4398275.199	
E: 550991.735	
NAD 83, WV NORTH	
N: 450320.053	
E: 1714003.042	
LAT/LON DATUM NAD 83	
LAT: 39°43'58.213"	
LON: 80°24'17.783"	



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



DATE: OCTOBER 24 20 24  
OPERATORS WELL NO: \_\_\_\_\_  
API WELL NO: 47 - 061 - 01945  
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: 59.47 ±  
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 Canonsburg, PA 15317 ADDRESS: 111 Avondale Road Fairmont, WV 26554



TRACT ID	SURFACE OWNER	LESSOR	PIN
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	
TRACT ID	SURFACE OWNER	LESSOR	PIN
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	
		Edwin R. White a/k/a Eddie White and Patricia White, h/w	
		Cherrie Anderson Yost a/k/a Cherrie Anderson Yost	
		Douglas Yost	
		David Yost	
		Nancy Bohannon	
		Mary Jo Morris	
		Janet Eglan	
		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			

03/14/2025



		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	
TRACT ID	SURFACE OWNER	LESSOR	PIN
9	Consol Mining Company LLC	Paul Reeder, single and Doris L. Wenck, single	1-9-32 1-9-33
		Consolidation Coal Company	
		CONSOL Mining Company LLC	
		CNX Resource Holdings LLC	
TRACT ID	SURFACE OWNER	LESSOR	PIN
10	Consol Mining Company LLC	Eastern Associated Coal Corporation	1-9-37 1-9-38
TRACT ID	SURFACE OWNER	LESSOR	PIN
20	Consol Mining Company LLC	Donald C. Clovis and Donna P. Clovis, h/w	1-9-28 1-9-28.2

03/14/2025



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	

03/14/2025



TRACT ID	SURFACE OWNER	LESSOR	PIN
23	Consol Mining Company LLC	Russell Scotchell and Robin G. Scotchell, h/w Consolidation Coal Company CONSOL Mining Company LLC CNX Resource Holdings LLC	1-9-22
31A	Melinda Tennant	Charles W. Long and Melinda Tennant, JTROS	1-9-3
31B	Consol Mining Company LLC	Deborah K. Metz and Terry D. Metz, w/h Consolidation Coal Company CONSOL Mining Company LLC CNX Resource Holdings LLC	1-9-3.2
33A	Robert L. Slider, et ux, et al	Larry Charles Taylor, individually and as trustee for the Generation-Skipping Trust FBO Larry Charles Taylor  Samata Taylor-Sturm, a/k/a Dixie Taylor-Sturm and Michael Douglas Sturm Linda Suzann Miller, individually and as trustee for the Generation-Skipping Trust FBO Linda Suzann Miller Chrysanthe E. Taylor a/k/a Chris Taylor	1-9-1 1-9-1.1 1-9-1.3 1-9-1.4
33B	Joey A. Slider, et ux	Larry Charles Taylor, individually and as trustee for the Generation-Skipping Trust FBO Larry Charles Taylor 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	1-9-1.2
51B	Monongalia County Coal Resources Inc.	Wild Thing Barnstormers, LLC 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, h/w 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	1-2-1
52B	Cucumber Tree Farm Inc.	Cucumber Tree Farm, Inc. Mountain V Oil & 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	1-1-9

03/14/2025



## 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:	47-061-01945-00-00
Operator Name:	CNX Gas Company LLC
Well Name and Number:	WDTN18BHSM
Latitude:	39.689299
Longitude:	-80.358286
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7834
Total Base Water Volume (gal)*:	28489440
Total Base Non Water Volume:	0



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

RECEIVED  
Office of Oil and Gas

NOV 13 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.

03/14/2025



			Water	7732-18-5	100.00000	83.30052	None
			Crystalline Silica in the form of Quartz	14808-60-7	99.90000	16.56858	None
			Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	40.00000	0.02050	None
			Alkanes, C12-26-Branched and Linear	90622-53-0	40.00000	0.02050	None
			Acrylic Polymer	9003-05-8	100.00000	0.01931	None
			Hydrogen chloride	7647-01-0	28.00000	0.01315	None
			Ethoxylated Alcohols (C12-16)	68551-12-2	5.00000	0.00256	None
			Glutaraldehyde	111-30-8	20.00000	0.00204	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 13 2024  
WY Department of  
Environmental Protection

03/14/2025

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	2009	2415	Limestone
Big Injun	2415	2503	2415	2503	Sandstone
Big Injun Base	2503	2916	2503	2916	Siltstone/Shale
Gantz	2916	3012	2916	3012	Sandstone
Gantz Base	3012	3029	3012	3029	Siltstone/Shale
50 Foot	3029	3104	3029	3104	Sandstone
Fifty Foot Base	3104	3137	3104	3137	Siltstone/Shale
30 Foot	3137	3178	3137	3178	Sandstone



API:47-061-01945

CNX RESOURCES LLC

WELL NAME: WDTN18BHSM

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	3178	3214	Siltstone/Shale
Gordon	3213	3279	3214	3280	Sandstone
Gordon Base	3279	3392	3280	3394	Siltstone/Shale

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

ATTACHMENT 1: WDTN18BHSM 47-061-01945

WELLNAME	Stage	date_perfed	From_TMC	To_TMD	Shots	Formation
WDTN18BHSM	1	7/17/2024	28,248.50	28,302.00	16	MARCELLUS
WDTN18BHSM	2	7/17/2024	27,982.00	28,193.90	48	MARCELLUS
WDTN18BHSM	3	7/18/2024	27,741.00	27,952.90	48	MARCELLUS
WDTN18BHSM	4	7/18/2024	27,500.00	27,711.90	48	MARCELLUS
WDTN18BHSM	5	7/18/2024	27,259.00	27,470.90	48	MARCELLUS
WDTN18BHSM	6	7/19/2024	27,018.00	27,229.90	48	MARCELLUS
WDTN18BHSM	7	7/19/2024	26,777.00	26,988.90	48	MARCELLUS
WDTN18BHSM	8	7/19/2024	26,536.00	26,747.90	48	MARCELLUS
WDTN18BHSM	9	7/20/2024	26,295.00	26,506.90	48	MARCELLUS
WDTN18BHSM	10	7/20/2024	26,054.00	26,265.90	48	MARCELLUS
WDTN18BHSM	11	7/20/2024	25,813.00	26,024.90	48	MARCELLUS
WDTN18BHSM	12	7/20/2024	25,572.00	25,783.90	48	MARCELLUS
WDTN18BHSM	13	7/21/2024	25,331.00	25,542.90	48	MARCELLUS
WDTN18BHSM	14	7/21/2024	25,090.00	25,301.90	48	MARCELLUS
WDTN18BHSM	15	7/22/2024	24,849.00	25,060.90	48	MARCELLUS
WDTN18BHSM	16	7/22/2024	24,608.00	24,819.90	48	MARCELLUS
WDTN18BHSM	17	7/22/2024	24,367.00	24,578.90	48	MARCELLUS
WDTN18BHSM	18	7/22/2024	24,126.00	24,337.90	48	MARCELLUS
WDTN18BHSM	19	7/23/2024	23,885.00	24,096.90	48	MARCELLUS
WDTN18BHSM	20	7/24/2024	23,644.00	23,855.90	48	MARCELLUS
WDTN18BHSM	21	7/24/2024	23,403.00	23,614.90	48	MARCELLUS
WDTN18BHSM	22	7/25/2024	23,162.00	23,373.90	48	MARCELLUS
WDTN18BHSM	23	7/25/2024	22,921.00	23,132.90	48	MARCELLUS
WDTN18BHSM	24	7/25/2024	22,680.00	22,891.90	48	MARCELLUS
WDTN18BHSM	25	7/26/2024	22,439.00	22,650.90	48	MARCELLUS
WDTN18BHSM	26	7/26/2024	22,198.00	22,409.90	48	MARCELLUS
WDTN18BHSM	27	7/27/2024	21,957.00	22,168.90	48	MARCELLUS
WDTN18BHSM	28	7/27/2024	21,716.00	21,927.90	48	MARCELLUS
WDTN18BHSM	29	7/27/2024	21,475.00	21,686.90	48	MARCELLUS
WDTN18BHSM	30	7/27/2024	21,234.00	21,445.90	48	MARCELLUS
WDTN18BHSM	31	7/28/2024	20,993.00	21,204.90	48	MARCELLUS
WDTN18BHSM	32	7/28/2024	20,752.00	20,963.90	48	MARCELLUS
WDTN18BHSM	33	7/28/2024	20,511.00	20,722.90	48	MARCELLUS
WDTN18BHSM	34	7/28/2024	20,270.00	20,481.90	48	MARCELLUS
WDTN18BHSM	35	7/29/2024	20,029.00	20,240.90	48	MARCELLUS
WDTN18BHSM	36	7/29/2024	19,788.00	19,999.90	48	MARCELLUS
WDTN18BHSM	37	7/29/2024	19,547.00	19,758.90	48	MARCELLUS
WDTN18BHSM	38	7/30/2024	19,306.00	19,517.90	48	MARCELLUS
WDTN18BHSM	39	7/30/2024	19,065.00	19,276.90	48	MARCELLUS
WDTN18BHSM	40	8/12/2024	18,824.00	19,035.90	48	MARCELLUS
WDTN18BHSM	41	8/12/2024	18,583.00	18,794.90	48	MARCELLUS
WDTN18BHSM	42	8/12/2024	18,342.00	18,553.90	48	MARCELLUS

RECEIVED  
 CIVIL SERVICE CENTER  
 NOV 12 2024  
 MISSOURI STATE DEPARTMENT OF REVENUE



ATTACHMENT 1: WDTN18BHSM 47-061-01945

WELLNAME	Stage	date_perfed	From_TMC	To_TMD	Shots	Formation
WDTN18BHSM	43	8/13/2024	18,101.00	18,312.90		48 MARCELLUS
WDTN18BHSM	44	8/13/2024	17,860.00	18,071.90		48 MARCELLUS
WDTN18BHSM	45	8/13/2024	17,619.00	17,830.90		48 MARCELLUS
WDTN18BHSM	46	8/14/2024	17,378.00	17,589.90		48 MARCELLUS
WDTN18BHSM	47	9/2/2024	17,137.00	17,348.90		48 MARCELLUS
WDTN18BHSM	48	9/2/2024	16,896.00	17,107.90		48 MARCELLUS
WDTN18BHSM	49	9/2/2024	16,655.00	16,866.90		48 MARCELLUS
WDTN18BHSM	50	9/2/2024	16,414.00	16,625.90		48 MARCELLUS
WDTN18BHSM	51	9/3/2024	16,173.00	16,384.90		48 MARCELLUS
WDTN18BHSM	52	9/3/2024	15,932.00	16,143.90		48 MARCELLUS
WDTN18BHSM	53	9/3/2024	15,691.00	15,902.90		48 MARCELLUS
WDTN18BHSM	54	9/3/2024	15,450.00	15,661.90		48 MARCELLUS
WDTN18BHSM	55	9/4/2024	15,209.00	15,420.90		48 MARCELLUS
WDTN18BHSM	56	9/4/2024	14,968.00	15,179.90		48 MARCELLUS
WDTN18BHSM	57	9/4/2024	14,727.00	14,938.90		48 MARCELLUS
WDTN18BHSM	58	9/4/2024	14,486.00	14,697.90		48 MARCELLUS
WDTN18BHSM	59	9/5/2024	14,245.00	14,456.90		48 MARCELLUS
WDTN18BHSM	60	9/5/2024	14,004.00	14,215.90		48 MARCELLUS
WDTN18BHSM	61	9/6/2024	13,763.00	13,974.90		48 MARCELLUS
WDTN18BHSM	62	9/6/2024	13,522.00	13,733.90		48 MARCELLUS
WDTN18BHSM	63	9/6/2024	13,281.00	13,492.90		48 MARCELLUS
WDTN18BHSM	64	9/6/2024	13,040.00	13,251.90		48 MARCELLUS
WDTN18BHSM	65	9/7/2024	12,799.00	13,010.90		48 MARCELLUS
WDTN18BHSM	66	9/7/2024	12,558.00	12,769.90		48 MARCELLUS
WDTN18BHSM	67	9/7/2024	12,317.00	12,528.90		48 MARCELLUS
WDTN18BHSM	68	9/8/2024	12,076.00	12,287.90		48 MARCELLUS
WDTN18BHSM	69	9/8/2024	11,835.00	12,046.90		48 MARCELLUS
WDTN18BHSM	70	9/8/2024	11,594.00	11,805.90		48 MARCELLUS
WDTN18BHSM	71	9/8/2024	11,353.00	11,564.90		48 MARCELLUS
WDTN18BHSM	72	9/8/2024	11,112.00	11,323.90		48 MARCELLUS
WDTN18BHSM	73	9/9/2024	10,871.00	11,082.90		48 MARCELLUS
WDTN18BHSM	74	9/9/2024	10,630.00	10,841.90		48 MARCELLUS
WDTN18BHSM	75	9/9/2024	10,389.00	10,600.90		48 MARCELLUS
WDTN18BHSM	76	9/10/2024	10,148.00	10,359.90		48 MARCELLUS
WDTN18BHSM	77	9/10/2024	9,907.00	10,118.90		48 MARCELLUS
WDTN18BHSM	78	9/10/2024	9,666.00	9,877.90		48 MARCELLUS
WDTN18BHSM	79	9/10/2024	9,425.00	9,636.90		48 MARCELLUS
WDTN18BHSM	80	9/11/2024	9,184.00	9,395.90		48 MARCELLUS
WDTN18BHSM	81	9/11/2024	8,943.00	9,154.90		48 MARCELLUS
WDTN18BHSM	82	9/11/2024	8,702.00	8,913.90		48 MARCELLUS
WDTN18BHSM	83	9/11/2024	8,461.00	8,672.90		48 MARCELLUS

Produced  
 CMO  
 NOV 18 2024  
 WDTN18BHSM  
 47-061-01945



ATTACHMENT 2: WDTN18BHSM 47-061-01945

wellname	IntRefNo	date_stim	avg_rate	avg_press	max_press	ISIP	Prop_Type	Prop_sz
WDTN18BHSM	1	7/17/2024	89	11,671.2	11,997.0	5,124.0	sand	100/100
WDTN18BHSM	2	7/17/2024	84	11,444.4	12,155.0	5,367.0	sand	100/100
WDTN18BHSM	3	7/18/2024	90	11,847.0	12,036.7	5,089.8	sand	100/100
WDTN18BHSM	4	7/18/2024	89	11,908.8	12,086.0	5,253.0	sand	100/100
WDTN18BHSM	5	7/18/2024	90	11,936.6	12,068.2	5,902.0	sand	100/100
WDTN18BHSM	6	7/19/2024	91	11,883.9	12,035.2	6,000.5	sand	100/100
WDTN18BHSM	7	7/19/2024	91	11,889.5	12,080.0	6,148.0	sand	100/100
WDTN18BHSM	8	7/19/2024	90	11,900.0	12,079.0	6,041.0	sand	100/100
WDTN18BHSM	9	7/20/2024	92	11,903.1	12,049.0	6,206.0	sand	100/100
WDTN18BHSM	10	7/20/2024	94	11,852.5	12,077.0	6,000.1	sand	100/100
WDTN18BHSM	11	7/20/2024	98	11,644.4	12,047.0	6,068.0	sand	100/100
WDTN18BHSM	12	7/21/2024	96	11,858.6	12,049.0	6,294.1	sand	100/100
WDTN18BHSM	13	7/21/2024	97	11,860.8	12,042.0	6,164.0	sand	100/100
WDTN18BHSM	14	7/21/2024	96	11,593.9	12,049.8	6,000.0	sand	100/100
WDTN18BHSM	15	7/22/2024	97	11,869.2	12,083.0	6,168.0	sand	100/100
WDTN18BHSM	16	7/22/2024	97	11,874.6	12,046.0	6,104.1	sand	100/100
WDTN18BHSM	17	7/22/2024	100	11,753.9	12,057.0	6,011.0	sand	100/100
WDTN18BHSM	18	7/23/2024	98	11,857.9	12,059.0	6,376.0	sand	100/100
WDTN18BHSM	19	7/23/2024	100	11,724.6	12,087.0	6,239.0	sand	100/100
WDTN18BHSM	20	7/24/2024	100	11,551.6	11,957.0	6,058.0	sand	100/100
WDTN18BHSM	21	7/24/2024	98	11,433.4	11,935.0	5,917.0	sand	100/100
WDTN18BHSM	22	7/25/2024	98	11,473.6	11,882.0	6,529.0	sand	100/100
WDTN18BHSM	23	7/25/2024	99	11,512.1	11,926.0	5,518.0	sand	100/100
WDTN18BHSM	24	7/26/2024	100	11,492.3	11,920.0	6,026.0	sand	100/100
WDTN18BHSM	25	7/26/2024	100	11,328.0	11,916.0	5,920.0	sand	100/100
WDTN18BHSM	26	7/26/2024	100	11,289.8	11,914.3	6,243.0	sand	100/100
WDTN18BHSM	27	7/27/2024	100	11,345.2	11,933.0	5,964.0	sand	100/100
WDTN18BHSM	28	7/27/2024	100	11,319.4	11,892.0	6,136.1	sand	100/100
WDTN18BHSM	29	7/27/2024	100	11,352.2	11,877.0	6,162.0	sand	100/100
WDTN18BHSM	30	7/27/2024	100	11,189.7	11,936.0	5,979.0	sand	100/100
WDTN18BHSM	31	7/28/2024	101	11,100.6	11,942.0	5,918.0	sand	100/100
WDTN18BHSM	32	7/28/2024	100	11,158.5	11,897.0	6,360.0	sand	100/100
WDTN18BHSM	33	7/28/2024	101	11,223.8	11,943.0	5,705.0	sand	100/100
WDTN18BHSM	34	7/29/2024	101	11,369.2	11,948.0	6,261.0	sand	100/100
WDTN18BHSM	35	7/29/2024	101	11,002.6	11,901.0	6,120.0	sand	100/100
WDTN18BHSM	36	7/29/2024	101	11,301.0	11,917.0	6,024.0	sand	100/100
WDTN18BHSM	37	7/29/2024	101	11,187.9	11,937.0	5,969.0	sand	100/100
WDTN18BHSM	38	7/30/2024	101	11,191.9	11,885.3	5,114.3	sand	100/100
WDTN18BHSM	39	8/12/2024	102	10,584.3	11,892.0	6,705.9	sand	100/100
WDTN18BHSM	40	8/12/2024	103	10,888.0	11,930.0	5,916.0	sand	100/100
WDTN18BHSM	41	8/12/2024	101	10,639.9	11,902.0	6,257.0	sand	100/100
WDTN18BHSM	42	8/13/2024	102	10,539.9	11,912.0	6,134.0	sand	100/100

NOV 1 2024

03/14/2025

BY: [Signature] ENVIRONMENTAL SERVICES



ATTACHMENT 2: WDTN18BHSM 47-061-01945

wellname	IntRefNo	date_stim	avg_rate	avg_press	max_press	ISIP	Prop_Type	Prop_sz
WDTN18BHSM	43	8/13/2024	101	10,855.1	11,965.0	6,181.0	sand	100/100
WDTN18BHSM	44	8/13/2024	103	11,066.4	11,914.0	5,378.0	sand	100/100
WDTN18BHSM	45	8/13/2024	103	10,613.0	11,903.0	6,275.0	sand	100/100
WDTN18BHSM	46	9/1/2024	101	10,570.9	11,870.0	6,434.0	sand	100/100
WDTN18BHSM	47	9/2/2024	102	10,401.1	11,877.0	6,280.0	sand	100/100
WDTN18BHSM	48	9/2/2024	102	10,497.8	11,893.0	6,004.0	sand	100/100
WDTN18BHSM	49	9/2/2024	102	10,653.7	12,011.0	6,041.0	sand	100/100
WDTN18BHSM	50	9/3/2024	102	10,381.7	11,953.0	6,211.0	sand	100/100
WDTN18BHSM	51	9/3/2024	102	10,260.3	11,895.0	5,975.9	sand	100/100
WDTN18BHSM	52	9/3/2024	103	10,393.0	11,930.0	5,783.0	sand	100/100
WDTN18BHSM	53	9/3/2024	103	10,876.4	11,961.0	6,009.0	sand	100/100
WDTN18BHSM	54	9/4/2024	103	11,166.3	12,002.0	6,008.0	sand	100/100
WDTN18BHSM	55	9/4/2024	103	10,313.2	11,885.0	5,699.9	sand	100/100
WDTN18BHSM	56	9/4/2024	103	10,674.0	11,855.0	5,978.0	sand	100/100
WDTN18BHSM	57	9/4/2024	103	10,595.6	11,890.0	6,146.1	sand	100/100
WDTN18BHSM	58	9/5/2024	103	10,433.8	11,888.0	5,908.0	sand	100/100
WDTN18BHSM	59	9/5/2024	103	10,291.4	11,858.0	5,795.0	sand	100/100
WDTN18BHSM	60	9/5/2024	103	10,493.6	11,790.0	6,084.0	sand	100/100
WDTN18BHSM	61	9/6/2024	103	10,156.6	11,363.0	5,496.0	sand	100/100
WDTN18BHSM	62	9/6/2024	103	10,340.2	11,966.0	5,931.9	sand	100/100
WDTN18BHSM	63	9/6/2024	103	10,420.5	11,887.0	6,070.0	sand	100/100
WDTN18BHSM	64	9/7/2024	103	10,296.1	11,858.0	5,544.0	sand	100/100
WDTN18BHSM	65	9/7/2024	103	10,910.4	11,920.0	5,827.9	sand	100/100
WDTN18BHSM	66	9/7/2024	103	10,404.3	11,899.0	5,507.0	sand	100/100
WDTN18BHSM	67	9/7/2024	104	10,986.3	11,825.0	5,952.0	sand	100/100
WDTN18BHSM	68	9/8/2024	103	10,334.4	11,853.0	6,023.0	sand	100/100
WDTN18BHSM	69	9/8/2024	104	10,701.9	11,868.0	5,733.0	sand	100/100
WDTN18BHSM	70	9/8/2024	103	10,965.9	11,879.9	5,798.0	sand	100/100
WDTN18BHSM	71	9/8/2024	104	10,957.2	11,846.0	5,323.0	sand	100/100
WDTN18BHSM	72	9/9/2024	104	10,516.1	11,857.0	5,851.0	sand	100/100
WDTN18BHSM	73	9/9/2024	104	10,590.0	11,752.0	5,995.0	sand	100/100
WDTN18BHSM	74	9/9/2024	104	10,661.2	11,742.0	5,992.0	sand	100/100
WDTN18BHSM	75	9/10/2024	104	10,933.9	11,839.0	5,801.0	sand	100/100
WDTN18BHSM	76	9/10/2024	103	10,579.7	11,868.0	5,862.0	sand	100/100
WDTN18BHSM	77	9/10/2024	103	10,717.0	11,777.2	6,005.3	sand	100/100
WDTN18BHSM	78	9/10/2024	103	10,800.8	11,795.0	6,023.0	sand	100/100
WDTN18BHSM	79	9/10/2024	104	10,613.5	11,433.0	5,945.0	sand	100/100
WDTN18BHSM	80	9/11/2024	104	10,305.4	11,861.0	5,889.9	sand	100/100
WDTN18BHSM	81	9/11/2024	104	10,264.9	11,903.0	6,112.0	sand	100/100
WDTN18BHSM	82	9/11/2024	104	10,647.8	11,770.0	5,855.0	sand	100/100
WDTN18BHSM	83	9/12/2024	104	9,968.4	11,354.0	4,961.0	sand	100/100

Prepared  
Office of Oil and Gas

09/13/2024

03/14/2025

Approved by  
[Signature]