

## west virginia department of environmental protection

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

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

Monday, September 18, 2023 WELL WORK PERMIT Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC POST OFFICE BOX 12359

SPRING, TX 773914954

Re:

Permit approval for CONSTANCE TAYLOR WTZ 10H

47-103-03609-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450

Operator's Well Number: CONSTANCE TAYLOR WTZ

Farm Name: CONSTANCE A TAYLOR

U.S. WELL NUMBER: 47-103-03609-00-00

Horizontal 6A New Drill

Date Issued: 9/18/2023

API Number:	
API Number:	

# PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### **CONDITIONS**

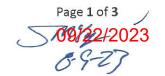
- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
- 11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

WW-6B (04/15)

API NO. 47-103		1000	2
OPERATOR WEL	L NO.	Constance Taylor WTZ 10H	-
Well Pad Name	: Const	ance Taylor WTZ	

# STATE OF WEST VIRGINIA 47 10 30 3 6 0 9 DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator: SWN Produc	ction Co., LLC 494512924 103-Wetzel -Proctor 681-Wileyville
	Operator ID County District Quadrangle
2) Operator's Well Number: Con	stance Taylor WTZ 10H Well Pad Name: Constance Taylor WTZ
3) Farm Name/Surface Owner:	Constance A. Taylor Public Road Access: Brock Ridge Road
4) Elevation, current ground: 1	Elevation, proposed post-construction: 1430'
5) Well Type (a) Gas x	Oil Underground Storage
Other	Office of Oil and Gas
(b)If Gas Shall Hori	low x Deep AUG 1 5 2023
6) Existing Pad: Yes or No Yes	WV Department of Environmental Protection
7) Proposed Target Formation(s).	Depth(s), Anticipated Thickness and Expected Pressure(s): o the South, Target Top TVD- 7509', Target Base TVD- 7558', Anticipated Thickness- 49', Associated Pressure- 4913
8) Proposed Total Vertical Depth	7540' /
9) Formation at Total Vertical De	* * * * * * * * * * * * * * * * * * *
10) Proposed Total Measured De	pth: 22299'
11) Proposed Horizontal Leg Ler	agth: 14,346.00'
12) Approximate Fresh Water Str	rata Depths: 365'
13) Method to Determine Fresh V	Water Depths: Logs on pad
14) Approximate Saltwater Deptl	ns: 1467'- Salinity Profile
15) Approximate Coal Seam Dep	oths: 1388'
16) Approximate Depth to Possib	ole Void (coal mine, karst, other): None that we are aware of.
17) Does Proposed well location directly overlying or adjacent to	
(a) If Yes, provide Mine Info:	Name:
	Depth:
	Seam:
	Owner:



API NO. 47-103 -

OPERATOR WELL NO. Constance Taylor WTZ 10H
Well Pad Name: Constance Taylor WTZ

18)

# CASING AND TUBING PROGRAM

4710303609

ТҮРЕ	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	136'	136' /	CTS /
Fresh Water	13 3/8"	New	J-55	54.4#	415'	415'	423 sx/CTS
Coal	See	Interm	Casing			,	· · · · · · · · · · · · · · · · · · ·
Intermediate	9 5/8"	New	J-55	36#	2865'	2865'	1109 sx/CTS
Production	5 1/2"	New	P-110 HP	20#	22,299'	22,299'	Tail 3942sx/ 100' Inside Intermediate
Tubing							
Liners						Office of a	EIVED Dil and Gas

AUG 1 5 2023

WV Department of

					Livironmen	al Protection	~
TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.20/30% Excess
Fresh Water	13 3/8"	17.5"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See Interm	Casing					
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess
Tubing							
Liners							

## **PACKERS**

Kind:		
Sizes:		
Depths Set:		

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9912/2023

6-9-23

WW-6B
(10/14)

API NO. 47- 103

OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

4710303609

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

Drill and stimulate any potential zones between and including the Benson to Marcellus. \*\*If we should encounter a void place basket above and below void area- balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. Run casing not less than 20' below void nor more than 75' below void. (\*If freshwater is encountered deeper than anticipated it must be protected, set casing 50' below and cts.)

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

Well will be perforated within the target formation and stimulated with a slurry of water, sand, and chemical additives at a high rate. This will be performed in stages with the plug and perf method along the wellbore until the entire lateral has been stimulated within the target formation. All stage plugs are then drilled out and the well is flowed back to surface. In some instances, additional toe prep may be performed by pumping additional water in the toe of the well prior to perforating and pumping Stage 1 to ensure that the toe guns/toe sleeves are fully open prior to pumping stage 1. The well is produced through surface facilities consisting of high pressure production units, horizontal separation units, water and oil storage tanks. Max press and anticipated max rate- 12,500 psi @ 100 barrels a minute.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 18.72
- 22) Area to be disturbed for well pad only, less access road (acres): 8.99

23) Describe centralizer placement for each casing string:

All casing strings will be ran with a centralizer at a minimum of 1 per every 3 joints of casing.

24) Describe all cement additives associated with each cement type:

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See Attachment \*\*\*

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WV Department of Environmental Protection

25) Proposed borehole conditioning procedures:

All boreholes will be conditioned with circulation and rotation for a minimum of one bottoms up and continuing until operator is satisfied with borehole conditions.

\*Note: Attach additional sheets as needed.

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4710303609

API Number 47 - 103

Operator's Well No. Constance Taylor WTZ 10H

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

# FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

	FLUIDS/ CUTTINGS DISPO	SAL & RECLAMATION FLAN	
Operator Name SWN Product	ion Co., LLC	OP Code 494	512924
Watershed (HUC 10) Upper	r Ohio South	Quadrangle Wileyville	
Do you anticipate using mor	e than 5,000 bbls of water to compl	ete the proposed well work? Yes	✓ No _
Will a pit be used? Yes			
If so, please describ	e anticipated pit waste:		
Will a synthetic line	er be used in the pit? Yes	No If so, what ml.?	
	Method For Treated Pit Wastes:		
L	and Application		
U	Inderground Injection (UIC Permit		)
	euse (at API Number At the next antic		
0	off Site Disposal (Supply form WW) other (Explain recovery and solidific	7-9 for disposal location) ation on site	
	ther (Explain_ leavely and commit		
Will closed loop system be a	used? If so, describe: Yes- See Att	achment 3A	300000
	for this well (vertical and horizont		Air drill to KOPITICON OF SOUNTAING GOS
	type? Synthetic, petroleum, etcSy		30. V 100 101 101 101
Additives to be used in drill		1 150	WV Department of Environmental Protection
	od? Leave in pit, landfill, removed		44.5
PRIVATE MACROLLANDERS DE LA VINNE ANDRE DE PROPERTOR	an to solidify what medium will be		
-Landfill or offsite	name/permit number? Meadowfill SWI	F- 1032, Short Creek SWF-1034, Carbon Limest	one MSWL018781, Wetzel County 1021
Permittee shall provide write	III Ub-U8438, Brooke Co SV ten notice to the Office of Oil and C	Fas of any load of drill cuttings or a	ssociated waste rejected at any
West Virginia solid waste fa	acility. The notice shall be provided	within 24 hours of rejection and the	e permittee shall also disclose
where it was properly dispo-	sed.		
on August 1, 2005, by the C provisions of the permit are law or regulation can lead to I certify under per application form and all a obtaining the information,	nalty of law that I have personally attachments thereto and that, base I believe that the information is to be information, including the possible Name) Brittany Woody	irginia Department of Environment f any term or condition of the gen y examined and am familiar with d on my inquiry of those individual, accurate, and complete. I at illity of fine or imprisonment.	al Protection. I understand that the eral permit and/or other applicable the information submitted on this
	5 <sup>th</sup>	<i>T1.</i>	2.2
Subscribed and sworn before	re methis day of	$\sqrt{J_U/\gamma}$ , 20	REID CROFT
- Riel Co		Notary	
My commission expires	8/21/2024		My Comm. Expires Aug 21, 202 47 Sparrow Lane Morgantown WV 2650

Title: Oil & Gas Inspector

Field Reviewed?

(\_\_\_\_\_) Yes (\_\_\_\_\_) No

SWN Production Co., LLC		47	10303609
Proposed Revegetation Treatment: Acres Dist	Prevegetation pH	Ι	
Lime as determined by pH test min.2 Tons/acre or			
Fertilizer type 10-20-20			
Fertilizer amount 600/500	lbs/acre		
Mulch_ Hay/Straw	Tons/acre		
	Seed Mixtures		
Temporary		Perma	nent
Seed Type lbs/acre Attachment 3C		Seed Type	lbs/acre
Attach: Maps(s) of road, location, pit and proposed an provided). If water from the pit will be land ap acreage, of the land application area.  Photocopied section of involved 7.5' topograp	oplied, include dimensions (I	ss engineered plans inclu L x W x D) of the pit, and	ding this info have been d dimension SENEDW and area Office of Oil and Garnd area
Photocopied section of involved 7.5 topograp	me sneet.		tement of
Call			Environmental Protection
Plan Approved by:  Comments: Pagedy cechin, Seed	and mulch all	disturbed area	ee S.

# MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN



SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

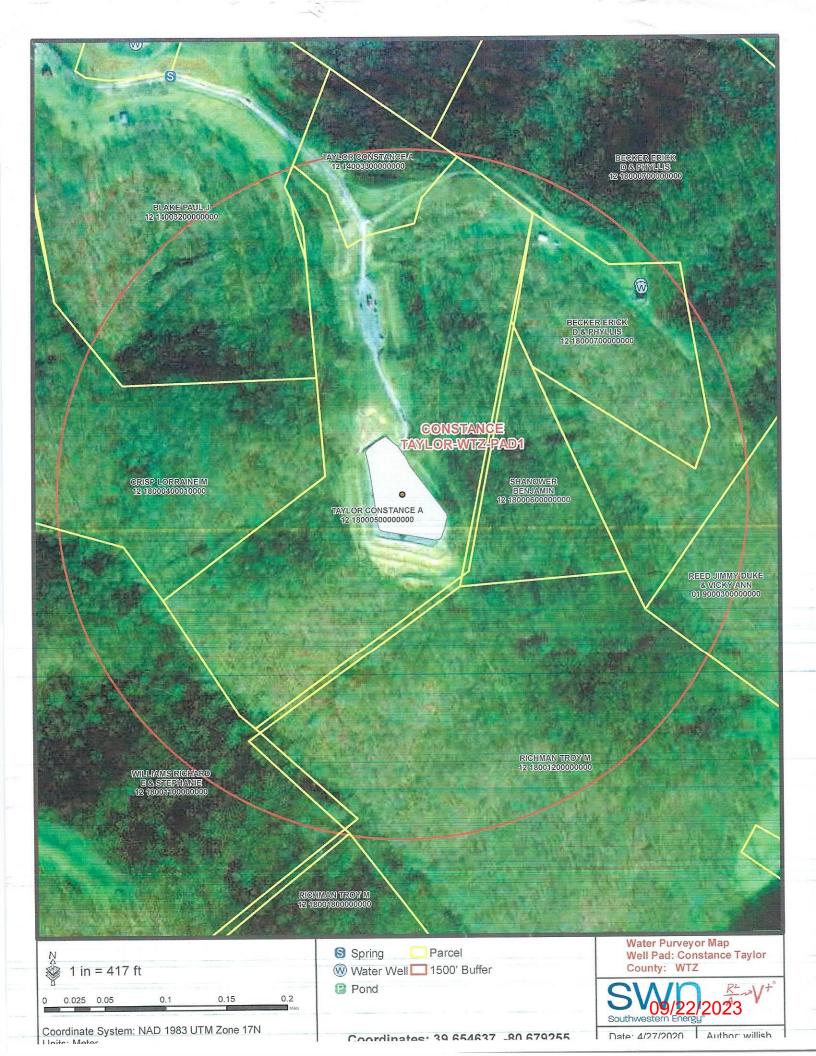
# API NO. 47-XXX-XXXX WELL NAME: Constance Taylor WTZ 10H Wileyville QUAD Proctor DISTRICT WETZEL COUNTY, WEST VIRGINIARECEIVED Office of Oil and Gas

AUG 1 5 2023

Submitted by:		WV Department of Environmental Protection
Name: <u>Brittany Woody</u> Suttany Woody	Date: <u>6/23/2023</u>	
Title: Senior Regulatory Analyst	SWN Production	Co., LLC
Approved by:		
Name:	Date:	_,
Title:		
Approved by:		
Name:	Date:	_
Title:		

SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL

09/2<del>2/2</del>0237



URSDAY JULY 27 2023 01:22PM

DACT	WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	TRAC
RACT	TAYLOR CONSTANCE A (S/R)	12-18-5	AT
1	SURFACE OWNER	TAX PARCEL	
RACT		12-18-12	AU
2	WELLS TIMOTHY N	1-9-9	AV
3	RIGGS MILLARD F SR	12-18-19	AW
4	REED VICKY A	12-18-20	AX
5	DORTON BOBBY J & DEBORAH G	1-13-1	*HIGH
6	DORTON BOBBY J & DEBORAH G	1-13-7	
7	MORRIS PATRICK L		
8	MORRIS PATRICK L	1-13-8	
9	MORRIS PATRICK L	1-13-4	-
10	WYKERT LEWIS EST & ALBERTA, (ALBERTA WYKERT - LIFE EST)	1-13-5	
11	BERGER RAYNE E	1-13-14	
12	RAY CHRISTOPHER O & KAREN, HAY L WAYNE II & BRENDA	1-13-16	
13	RAY CHRISTOPHER & KAREN, HAY L WAYNE II & BRENDA	1-13-17	
14	CHANNELL RONALD F & VIVIAN J	1-13-26	
	CHANNELL RONALD F & VIVIAN J	1-13-34	
15	GREATHOUSE ARLES, GREATHOUSE ROBERT W	1-13-45	
16	ADJOINING OWNERS TABLE		
		TAX PARCEL	
TRACT	SURFACE OWNER	12-14-33	
Α	TAYLOR CONSTANCE A	12-14-33	
В	BECKER ERICK D & PHYLLIS	12-18-7.1	
С	BECKER ERICK D & PHYLLIS M		
D	BECKER ERICK D & PHYLLIS M	12-18-6	
E	REED VICKY ANN	1-9-3	-
F	RIGGS MILLARD F SR	1-9-8	
G	RICHMAN TROY	1-9-3.1	
Н	PATRICK ROGER, BEVER DONALD A	1-9-1	
1	HUGGINS FAMILY IRREVOCABLE	1-9-10	
J	WYKERT LEWIS N EST, (ALBERTA WYKERT - LIFE)	1-9-11	
K	CAIN SAMUEL EST &, CAIN GLEN JR	1-10-46	
L	CAIN SAMUEL EST &, CAIN GLEN JR	1-14-1	
M	BYLER GARRY L, WRIGHT DAVID W, CSONKA DONNA	1-13-9	
N	CAIN SAMUEL HRS	1-13-10	
0	WYKERT WAYNE E, WYKERT WAYNE E II	1-13-18	
Р	WYKERT WAYNE E, WYKERT WAYNE E II	1-13-19	
Q	WYKERT WAYNE E, WYKERT WAYNE E II	1-14-20	
R	CADLE EARNEST HOWARD, LIVING TRUST	1-14-57	
S	MCELROY GEORGE F, BARTH GOLDIE	1-14-35	
	CHANNELL RONALD F & VIVIAN J	1-14-34	
T U	THOMAS JACK W	1-14-36	
V	EVANS ELLEN K & ETAL	1-14-56	
X	LEMASTERS RANDY W	1-14-45	
Υ	YEAGER DIANNA R & WALLICK DARL, L/E MCBEE DALE LEMOINE	1-18-1	
Z	GREATHOUSE ROBERT WILLIAM	1-17-7	
AA	WILLEY WANDA KAY	1-17-13.8	
AB	MCBEE THOMAS D SCYOC RICHARD RIDER	1-17-12	
AC	GREATHOUSE ARLES, GREATHOUSE ROBERT W	1-13-44	
AD	GREATHOUSE ROBERT W & KATHY D	1-13-43	
AE	CHANNELL RONALD F & VIVIAN J	1-13-34.2	
AF	MELOTT MICHAEL W, L/E MELOTT MARTIN E SR	1-13-34.1	
AG	WEST BRUCE & MARY	1-13-46	
АН	DOCTI CTUMAIT TRAVIS I	1-13-15	
Al	CATHLENE I	1-13-14.1	
Al	MACRIES DUILLID IAV	1-13-13	
Λ1	CATHLENE I	1-13-22	
AJ	DIMILIDS WILLIAM N	1-13-22.1	
AK		1-13-12.1	
AK AL	BUILTIPS WILLIAM		
AK AL AN	WILLOWD W. P. HELEN M.	1-13-12.2	
AK AL AN	WILSON LLOYD W & HELEN M		
AK AL AN AN	WILSON LLOYD W & HELEN M  SMITH STANLEY D & HILDA G	1-13-12	
AK AL AN	WILSON LLOYD W & HELEN M  SMITH STANLEY D & HILDA G  MELOTT FLOYD D, MELOTT DANIEL L	1-13-12 1-13-6	
AK AL AN AN	WILSON LLOYD W & HELEN M  SMITH STANLEY D & HILDA G  MELOTT FLOYD D, MELOTT DANIEL L  WELLS TIMOTHY N	1-13-12 1-13-6 12-18-18	
AK AL AN AN AC	WILSON LLOYD W & HELEN M  SMITH STANLEY D & HILDA G  MELOTT FLOYD D, MELOTT DANIEL L  WELLS TIMOTHY N	1-13-12 1-13-6	

AX KIRKLAND CEMETERY
HIGHLIGHTED PARCELS MAY BE IMPACTED BY DRILLING ACTIVITY

ADJOINING OWNERS TABLE

SURFACE OWNER

BLAKE BRENT PAUL ETAL

ADAMS BESSIE & OSGAY CALVERT

TAX PARCEL

12-14-32.3

1-13-2 1-13-3

09/22/2023

REVISIONS:	COMPANY:	SWN Production Company, LLC		Production Company™	
	OPERATOR'S WELL #:	CONSTANCE TAYLOR WTZ 10H		DATE: 07-27-2023 API NO: 47-103-XXXXX DRAWN BY: Z. WOOD	
	DISTRICT: PROCTOR	COUNTY: WETZEL	STATE: WV	SCALE: N/A DRAWING NO:2020-557 WELL LOCATION PLAT	
				COMPLETION ID 2501161751	

# INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE 7 1 0 3 0 3 6 0 9 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 Exhibit "A"

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\*Co-tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-tenancy Modernization and Majority Protection Act.

\*Potentially Impacted Parcels - Parcels that may be impacted during drilling.

# 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: SWN Production Company, LLC

By: UN

Its: Staff Landman

Page 1 of

### EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator
Constance Taylor WTZ 10H
Wetzel County, West Virginia

				4	1 0 0	Interest Not Leased by	3
ict#	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Southwestern Production Company,	1980
						uc "	
L	12-18-5		Chesapeake Appalachia, LLC	17.000%	130A/706	0.0000%	
		sole and separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	HU072112	
		Leonard Dunham, A/K/A Leonard Sidney Dunham, a		17.000%	130A/951		
		married man dealing in his sole and separate					
		property Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540		
		Debra Keesee, a married woman dealing in her sole	Chesapeake Appalachia, LLC	17.000%	132A/456		
		and separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540		
		Joan Sauro, A/K/A Joany Sauro, a married woman	Chesapeake Appalachia, L.L.C.	17.000%	153A/480		
		dealing in her sole and separate property					
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540		
		Harold H. Blake And Donna M. Blake, H/W	Haddad And Brooks, Inc.	12.500%	79A/452		
		Haddad And Brooks, Inc. Chesapeake Appalachia, LLC	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC		104A/230 157A/540		
2	12-18-12	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	12.500%	157A/646	0.0000%	
		BRC Appalachian Minerals I, LLC	BRC Working Interest Company	12.875%	103A/320		
		BRC Working Interest Company Chesapeake Appalachia, LLC	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC		103A/470 157A/540		
		Rosalyn A. Metzger, a married woman dealing in her		17.000%	121A/499		
		sole and separate property	SWN Production Company, LLC		157A/540		
		Chesapeake Appalachia, LLC Deborah Rein, a married woman dealing in her sole		17.000%	121A/495		
		and separate property					
		Chesapeake Appalachia, LLC The Siegler Family Trust, By Rosalyn A. Metzger And	SWN Production Company, LLC Chesapeake Appalachia, LLC	17.000%	157A/540 121A/700		
		Deborah Rein, Acting As Trustees	Circospeake Appaiacilla, ECC	17.00078			
			51111 S		1574/540	*	
		Chesapeake Appalachia, LLC MBD Holdings, LP	SWN Production Company, LLC SWN Production Company, LLC	17.000%	157A/540 178A/495		
3	1-9-9	Royalty Owner	n/a	n/a	n/a	7.5884%	
,	1-9-9	Ada L. Riggs, widow	SWN Production Company, LLC	17.000%	264A/173		
		Ada L. Riggs, Widow	SWIN Floudction company, ecc	17.000%	2047/173		
		Deborah Lynn Bever, married dealing in her sole	SWN Production Company, LLC	17.000%	264A/179		
		and separate property Gary D. Knowlton, divorced	SWN Production Company, LLC	17.000%	300A/744		
		Sherry Lynn Knowlton Childs, married dealing in her		17.000%	301A/10		
		sole and separate property	SIMIN Dead resting Company 116	17.000%	301A/22		
		Freda A. Trumbo, widow Harold J. Scyoc, Jr., single	SWN Production Company, LLC SWN Production Company, LLC	17.000%	301A/22 301A/16		
		William S. Scyoc, married dealing in his sole and	SWN Production Company, LLC	17.000%	302A/140		
		separate property William L. Shockley, married dealing in his sole and	SWN Production Company, LLC	17.000%	300A/685		
		separate property	5WW / Foundation Company, 220	2//25-24			
		David E. Bowyer, a single man	Antero Resources Corporation	20.000%	190A/708 296A/367		
		Antero Resources Corporation Suzanne Hill, a woman dealing in her sole and	SWN Production Company, LLC SWN Production Company, LLC	18.000%	333A/734		
		separate property			2244 (255	Office of (	EIVED
		Patricia M. Haddix, divorced KKS Minerals, LLC	SWN Production Company, LLC SWN Production Company, LLC	17.000% 18.000%	334A/356 318A/200	Office of (	Pil and
		Julie L. Schwab, married dealing in her sole and	SWN Production Company, LLC	17.000%	306A/20		
		separate property Jean L. Smith, single	SWN Production Company, LLC	17.000%	307A/884	AUG 1	5 202
		Betty E Solomon, married dealing in her sole and	SWN Production Company, LLC	17.000%	304A/578		D LUL
		separate property		17 0000	2024/74	WV Depa	riment
		Barbara A Bugh, married dealing in her sole and separate property	SWN Production Company, LLC	17.000%	303A/74	Environment	el Prote
		separate property Patricia S West, single	SWN Production Company, LLC	17.000%	302A/689		1
		Angela Reed, a widow	SWN Production Company, LLC	17.000%	303A/68		
		Nancy K Benner, married dealing with her sole and separate property	SWN Production Company, LLC	17.000%	303A/80		
		Karen S. Forrester, married dealing in her sole and	SWN Production Company, LLC	17.000%	305A/197		
		separate property	SWN Production Company, LLC	17.000%	305A/761		
		Elisa J. Nalley, married dealing in her sole and separate property	ST. Troduction company, LLC	27.000%			
		Paul F Ady, Jr., married dealing in his sole and	SWN Production Company, LLC	17.000%	305A/191		
		separate property Michael A. Ady, married dealing with his sole and	SWN Production Company, LLC	17.000%	306A/38		
		sepearate property					
		Mary J. Knowlton Thomas, married dealing in her	SWN Production Company, LLC	17.000%	305A/203		
		sole and separate property Gary D Yoho, married dealing in his sole and	SWN Production Company, LLC	17.000%	304A/315		
		separate property					
		Helen M Weber, single	SWN Production Company, LLC SWN Production Company, LLC	17.000% 17.000%	306A/26 304A/321		
		Alice Knapp, a widow Eleanor V. Schubert, widow	SWN Production Company, LLC SWN Production Company, LLC	17.000%	303A/62		
		Gary E. Knaus, widower	SWN Production Company, LLC	17.000%	307A/586		
		Francis L Scyoc, single	SWN Production Company, LLC SWN Production Company, LLC	17.000% 17.000%	308A/450 302A/695		
		Daniel B Scyoc, divorced Rebecca J. King, married dealing in her sole and	SWN Production Company, LLC	17.000%	305A/755		
							1
		separate property	access to the second		205 - /	1	
		Ronald L Youngless, widower	SWN Production Company, LLC	17.000% 17.000%	305A/437 306A/32		
			SWN Production Company, LLC SWN Production Company, LLC	17.000% 17.000%	305A/437 306A/32 307A/878		

ract#	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Southwestern
ract#	Tax Parcer	1030				Production Company, LLC
		Steven N. Weber, married dealing in his sole and	SWN Production Company, LLC	17.000%	307A/872	
		separate property	SWITT TOUGHTON COMPANY, ELE		55.71.01 State 5	
			SWN Production Company, LLC	18.000%	334A/882	
		with her sole and separate property				
Δ	12-18-19	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	12.500%	157A/646	0.0000%
	12.10.13	BRC Appalachian Minerals I, LLC	BRC Working Interest Company	12.875%	103A/320	
		BRC Working Interest Company	Chesapeake Appalachia, L.L.C.		103A/470	
		Chesapeake Appalachia, LLC Rosalyn A. Metzger, a married woman dealing in her	SWN Production Company, LLC	17.000%	157A/540 121A/499	
		sole and separate property	спезареаке Аррагаспіа, ссс	17.00070	12174455	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		Deborah Rein, a married woman dealing in her sole	Chesapeake Appalachia, LLC	17.000%	121A/495	
		and separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		The Siegler Family Trust, By Rosalyn A. Metzger And		17.000%	121A/700	
		Deborah Rein, Acting As Trustees				
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		MBD Holdings, LP	SWN Production Company, LLC	17.000%	178A/495	
5	12-18-20	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	12.500%	157A/646	0.0000%
,	12-10-20	circospedite Apparaenta, a cere				
			DDC Washing Interest Comment	12 9759/	103A/320	
		BRC Appalachian Minerals I, LLC BRC Working Interest Company	BRC Working Interest Company Chesapeake Appalachia, L.L.C.	12.875%	103A/470	1 1 1 1 1 1 1 1 1 1
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		Rosalyn A. Metzger, a married woman dealing in her	Chesapeake Appalachia, LLC	17.000%	121A/499	
		sole and separate property Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		Deborah Rein, a married woman dealing in her sole		17.000%	121A/495	
		and separate property				
		Chesapeake Appalachia, LLC	SWN Production Company, LLC	17.000%	157A/540 121A/700	
		The Siegler Family Trust, By Rosalyn A. Metzger And Deborah Rein, Acting As Trustees	Chesapeake Apparachia, ccc	17.000%	1217/700	
		Debotati helit, Aeting Po Hastees				
		Chesapeake Appalachia, LLC	SWN Production Company, LLC SWN Production Company, LLC	17.000%	157A/540 178A/495	
		MBD Holdings, LP		All the Control of th		21.8165%
. 6	1-13-1	Royalty Owner	n/a	n/a	n/a	21.8103/6
		Stone Hill Minerals Holdings, LLC	Antero Resources Corporation	20.000%	259A/769	
		Antero Resources Corporation	SWN Production Company, LLC		296A/367	
7	1-13-7	Janice E. Cowan, a single woman	Chesapeake Appalachia, LLC	12.500%	121A/859 143A/285	0.0000%
		Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC	Statoil USA Onshore Properties, Inc. SWN Production Company, LLC		157A/540	
		Statoil USA Onshore Properties, Inc.	SWN Exchange Title Holder, LLC		158A/801	
		Jon A. Cowan A/K/A John A. Cowan, a single man	Chesapeake Appalachia, LLC	12.500%	121A/903	
		Chesapeake Appalachia, LLC	Statoil USA Onshore Properties, Inc.		143A/285	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		Statoil USA Onshore Properties, Inc.	SWN Exchange Title Holder, LLC		158A/801	
8	1-13-8	Geneva Rawe, a widow; Eileen C. Smittle; Madelyn	Haddad And Brooks, Inc.	12.500%	80A/72	0.0000%
		C. Harman, widow Haddad And Brooks, Inc.	Chesapeake Appalachia, L.L.C.		104A/230	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		SWN Production Company, LLC	Drilling Appalachian Corporation		174A/480 179A/300	The state of
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		Drilling Appalachian Corporation	Drilling Appalachian Corporation	16.000%	173A/194	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	0.0000%
9	1-13-4	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC Drilling Appalachian Corporation	12.500%	157A/616 174A/480	0.0000%
		SWN Production Company, LLC Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Geneva Rawe, a widow; Eileen C. Smittles; Madelyr	Haddad And Brooks, Inc	12.500%	80A/72	
		C. Harman, widow Haddad And Brooks, Inc.	Chesapeake Appalachia, L.L.C.		104A/230	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		157A/540	
		SWN Production Company, LLC	Drilling Appalachian Corporation		174A/480	
		Drilling Appalachian Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	
/10	1-13-5	Antero Resources Corporation  Shiben Estates, Inc., a West Virginia Corporation	SWN Production Company, LLC	20.000%	266A/255	0.0000%
, 10	2.200					
		James E. Wykert and Linda Wykert, husband and	Drilling Appalachian Corporation	17.000%	142A/537	
		wife		VID108F0766		
		Drilling Appalachian Corporation	SWN Production Company, LLC		174A/469	
		Drilling Appalachian Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	
		Antero Resources Corporation Lewis N. Wykert and Diann Wykert, husband and	Drilling Appalachian Corporation	17.000%	142A/535	
		wife				
		Drilling Appalachian Corporation	SWN Production Company, LLC		174A/469 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		mittero nesources corporation				5.5143%
<u>/11</u>	1-13-14	Royalty Owner	n/a	n/a	n/a	5.5143%
<b>/</b> <sup>11</sup>	1-13-14	Royalty Owner Katherine Rae Haaf aka Katherine R. Hartwig-Haaf	n/a Chesapeake Appalachia, LLC	n/a 12.500%	n/a 103A/587	5.5143%
<b>/</b> <sup>11</sup>	1-13-14					5.5143%

WV Department of Environmental Protection

Office of Oil and Gas

Constance Taylor WTZ 10H

Wetzel County, West Virginia

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ract#	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
		SWN Production Company, LLC	Drilling Appalachian Corporation		174A/459	ш
			Antero Resources Corporation		179A/300	
		- 8 11	SWN Production Company, LLC		272A/588	
		- Company (Company Company Com	Chesapeake Appalachia, LLC	12.500%		
		Chesapeake Applachia, L.L.C,	SWN Production Company, LLC		157A/540	1
			Drilling Appalachian Corporation		174A/459	1
		- //	Antero Resources Corporation		179A/300	
			SWN Production Company, LLC	15.000%	272A/588	1
			Chesapeake Appalachia, LLC SWN Production Company, LLC	13.00076	157A/540	
			Drilling Appalachian Corporation		174A/459	
			Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Rock Camp Oil Company and Telluric Company	Drilling Appalachian Corporation	15.000%		1
		Drilling Appalachian Corporation	Antero Resources Corporation		177A/533	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Gene F. Hartwig, widower	Chesapeake Appalachia, LLC	12.500%		
		Chesapeake Applachia, L.L.C,	SWN Production Company, LLC		157A/540	
		SWN Production Company, LLC	Drilling Appalachian Corporation		174A/459 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		Roma Darlene Norris, married	Chesapeake Appalachia, LLC	12.500%	, , , , ,	1
		Chesapeake Applachia, L.L.C,	SWN Production Company, LLC		157A/540	
		SWN Production Company, LLC	Drilling Appalachian Corporation		174A/459	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
2 1	1-13-16	Antero Resources Corporation  Royalty Owner	SWN Production Company, LLC n/a	n/a	272A/588 n/a	3.0902%
	13 10	Judith K. Tyler, widow	SWN Production Company, LLC	17.000%	291A/692	
		David E. McFadden, married dealing in his sole and	SWN Production Company, LLC	17.000%	293A/573	
		separate property  Mark A. Ice, married dealing in his sole and separate property	SWN Production Company, LLC	17.000%	292A/705	
		Hattie E. Stoneking, widow	SWN Production Company, LLC	17.000%	291A/702	
		Amy J. Hutchinson, single	SWN Production Company, LLC	17.000%	293A/396	
		Wayne E. Wykert, single	SWN Production Company, LLC	17.000%	291A/169	
		Karen S. Kellar, married dealing in her sole and	SWN Production Company, LLC	17.000%	291A/174	
		separate property	SWIN Production Comments 11.C	17 0009/	291A/164	
		Robert P. Cross, single  Jeff A. Cross, married dealing in his sole and separate property.	SWN Production Company, LLC SWN Production Company, LLC	17.000% 17.000%	291A/191	
		separate property Ridgetop Appalachia, L.L.C. Walter Leon Rawson, Jr., married dealing in his sole	SWN Production Company, LLC SWN Production Company, LLC	18.000% 17.000%	297A/720 297A/819	
		and separate property Kenneth M. Raswson, single	SWN Production Company, LLC	17.000%	297A/445	
		Lisa M. Yoho, widow	SWN Production Company, LLC	17.000%	299A/830	
		Roger Cross, married dealing in his sole and	SWN Production Company, LLC	17.000%	296A/474	
		separate property	Antoro Bocourese Corneration	17.000%	289A/493	
		Acropolis Inc., a West Virginia Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC	17.00076	296A/367	
		Linda S. Amos	Antero Resources Corporation	15.000%	270A/24	可
		Antero Resources Corporation	SWN Production Company, LLC		296A/367	5.≤
		Deloris J. Casler	Antero Resources Corporation	15.000%	283A/245	
		Antero Resources Corporation	SWN Production Company, LLC	15 0000	296A/367	WV Dep Environme
		Brenda K. Yeater	Antero Resources Corporation SWN Production Company, LLC	15.000%	271A/437 296A/367	wv Dep
		Antero Resources Corporation Rock Camp Oil Co., And Telluric Company	Drilling Appalachian Corporation	18.000%	126A/155	partment of ental Protection
		Drilling Appalachian Corporation	Antero Resources Corporation	=794888803676	179A/300	_==
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	Page
		Danny Edward Alderman	Drilling Appalachian Corporation	15.000%	128A/267	£ ==
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300 272A/588	1 39
		Antero Resources Corporation Ruth Ellen Johnson	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	128A/273	0
		Drilling Appalachian Corporation	Antero Resources Corporation	25.55576	179A/300	1 2
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Charles Kane and Judith Kane	<b>Drilling Appalachian Corporation</b>	15.000%	128A/275	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	272A/588 129A/548	
		Thomas Sundy and Ailsa F. Sundy Drilling Appalachian Corporation	Antero Resources Corporation	13.000%	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		David Teagarden and Loretta Teagarden	Drilling Appalachian Corporation	15.000%	129A/101	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15 000%	272A/588 129A/103	
		James Ford and Janet Ford Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	129A/103 179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Debbie Dennis	Drilling Appalachian Corporation	15.000%	129A/111	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Terry Hutchison	Drilling Appalachian Corporation	15.000%	129A/113 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		Dale L. Greathouse	Drilling Appalachian Corporation	15.000%	129A/121	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Bonnie McConnell	Drilling Appalachian Corporation	15.000%	129A/123	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	

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Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Southwestern Production Compa
						LLC LLC
		John Ice, Jr. and Donna Ice	Drilling Appalachian Corporation	15.000%	129A/129	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15.000%	272A/588 129A/133	
		James G. McBee and Carol Sue McBee Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	13.000%	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		James Wykert, Jr. and Gaynelle	<b>Drilling Appalachian Corporation</b>	15.000%	129A/135	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	18 0009/	272A/588	
		Robert Yocum and Iris Yocum Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	18.000%	129A/145 179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Bill Stern and Lois Marlene Stern	Drilling Appalachian Corporation	15.000%	129A/147	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	45 0000/	272A/588	
		Ralph Richards and Priscilla Richards	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	129A/149 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Louise Arnold and Anna Arnold	Drilling Appalachian Corporation	15.000%	129A/153	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		James Belford and Kathryn Belford	Drilling Appalachian Corporation	15.000%	129A/155 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		Clyde McCullough and Evelyn McCullough	Drilling Appalachian Corporation	15.000%	129A/157	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Rickey Yurisko and Debra Yurisko	Drilling Appalachian Corporation	15.000%	129A/170 179A/300	
		Drilling Appalachian Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	
		Antero Resources Corporation Laura Kay Greathouse	Drilling Appalachian Corporation	15.000%	129A/176	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	76,50pmm044.	272A/588	
		Sandra Kay Hall	Drilling Appalachian Corporation	15.000%	129A/178	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300 272A/588	
		Antero Resources Corporation Leo Edward Miller and Katie Mae Miller	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	129A/180	
		Drilling Appalachian Corporation	Antero Resources Corporation	44,000	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Ardith Cecil and Tammy Cecil	Drilling Appalachian Corporation	15.000%	129A/513	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300 272A/588	
		Antero Resources Corporation Mitchell O. Yoho and Heidi Yoho	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	129A/515	
		Drilling Appalachian Corporation	Antero Resources Corporation	13.00075	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Stephen Stern and Margaret D. Stern	Drilling Appalachian Corporation	15.000%	129A/517	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15.000%	272A/588 129A/521	
BE	CEIVED	Lotus F. McFadden and Judy D. McFadden Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	13.000%	179A/300	
fice of	Oil and Gas	Antero Resources Corporation	SWN Production Company, LLC		272A/588	
lice of		Joseph A. Yoho	Drilling Appalachian Corporation	15.000%	129A/523	
-		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
AllG	1 5 2023	Antero Resources Corporation	SWN Production Company, LLC	15 0009/	272A/588 129A/525	
Mod	1 0 1010	Jeff Mortimer and Tina L. Mortimer	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	179A/300	
	antmont of	Drilling Appalachian Corporation Antero Resources Corporation	SWN Production Company, LLC		272A/588	
WA D	epartment ot ental Protection		Drilling Appalachian Corporation	15.000%	129A/531	
vironm	ientai Protection	Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15.000%	272A/588 129A/533	
		Dallas J. Yoho Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Elbert R. McFadden and Susie McFadden	Drilling Appalachian Corporation	15.000%	129A/544	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15 0000	272A/588	
		Maxine Yoho	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	129A/550 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Robert E. Cecil	Drilling Appalachian Corporation	15.000%	129A/552	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Robert Miller and Naomi L. Miller	Drilling Appalachian Corporation	15.000%	129A/554 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		Sue Ann Belcastro	Drilling Appalachian Corporation	15.000%	129A/560	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Margaret A. Hutchison	Drilling Appalachian Corporation	15.000%	129A/562	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300 272A/588	
		Antero Resources Corporation Worley J. McFadden and Karel McFadden	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	129A/564	
		Drilling Appalachian Corporation	Antero Resources Corporation	22.7000.0	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Melvin Miller and Patty Miller	Drilling Appalachian Corporation	15.000%	129A/566	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	272A/588 129A/568	
		Earl F. Loy and Ramona Sue Loy Drilling Appalachian Corporation	Antero Resources Corporation	15.000/6	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Lawrence C. Yoho	<b>Drilling Appalachian Corporation</b>	15.000%	129A/570	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	

Constance Taylor WTZ 10H Wetzel County, West Virginia 4710303509

						Interest Not Leased Southwestern
Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Production Compan
		Daymand Vasum and Cathoving Vasum	Drilling Appalachian Corporation	15.000%	129A/91	LLC
		Raymond Yocum and Catherine Yocum Drilling Appalachian Corporation	Antero Resources Corporation	13.00070	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Steven Stallsmith and Anita-Sorter Stallsmith	Drilling Appalachian Corporation	15.000%	129A/93	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		William N. Hutchison	Drilling Appalachian Corporation	15.000%	129A/95	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation Charles D. Yoho and Helen Yoho	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	272A/588 130A/443	
		Drilling Appalachian Corporation	Antero Resources Corporation	13.00070	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Geraldine Jones	Drilling Appalachian Corporation	15.000%	130A/447	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation Jeanette Gorney	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	272A/588 130A/455	
		Drilling Appalachian Corporation	Antero Resources Corporation	15.00070	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Robert McIntyre and Donna McIntyre	Drilling Appalachian Corporation	15.000%	130A/457	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300 272A/588	
		Antero Resources Corporation Raymond E. Strum and Carol J. Strum	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	130A/465	
		Drilling Appalachian Corporation	Antero Resources Corporation	20.00070	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Shirley Yoho	Drilling Appalachian Corporation	15.000%	130A/467	
		Drilling Appalachian Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	
		Antero Resources Corporation Barbara Postlethwait	Drilling Appalachian Corporation	15.000%	130A/475	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Robert D. Cross and Rosella Cross	Drilling Appalachian Corporation	15.000%	130A/477 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		Donald Dean Alderman	Drilling Appalachian Corporation	15.000%	130A/487	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Charles Phillips and Ruth Phillips	Drilling Appalachian Corporation	15.000%	130A/958 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		John Kruest and C. Christine Kruest	Drilling Appalachian Corporation	15.000%	130A/960	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15.000%	272A/588 132A/583	
		Ruby E. Yoho  Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Martin Klemen and D. Sharon Klemen	Drilling Appalachian Corporation	15.000%	132A/585	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation Clifford L. Millhouse and Deborah M. Millhouse	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	272A/588 132A/587	
					179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
OFOE	IVED	Celeste Geraldine Cross	Drilling Appalachian Corporation	15.000%	134A/25	
RECE	IVED Gas	Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
ce of U	I and Gas	Antero Resources Corporation	SWN Production Company, LLC	7272222	272A/588	
		Robert Eugene Bennington and Darlene Bennington	Drilling Appalachian Corporation	15.000%	134A/41	
ALIG 1	5 2023	Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
70U 1.	O LOLO	Antero Resources Corporation	SWN Production Company, LLC		272A/588	
	extmont of	Jerome Gorney and Jane Gorney	Drilling Appalachian Corporation	15.000%	134A/43	
AA Deba	artment of	Drilling Appalachian Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	
ironment	tal Protectio	NAntero Resources Corporation  Dennis J. Yoho and Andrea Yoho	Drilling Appalachian Corporation	15.000%	134A/49	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	52,000,000,000	272A/588	
		Nelda J. Hudson	Drilling Appalachian Corporation	15.000%	134A/61 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		179A/300 272A/588	
		David Harden and Brenda G. Harden	Drilling Appalachian Corporation	15.000%	134A/63	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15.000%	272A/588	
		Dominic Eugene Fabrizio and Peggy L. Fabrizio	Drilling Appalachian Corporation	15.000%	134A/931	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC Drilling Appalachian Corporation	15.000%	272A/588 134A/941	
		Clara Jane Raisley Drilling Appalachian Corporation	Antero Resources Corporation	13.000%	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Sandra Diane Howell	<b>Drilling Appalachian Corporation</b>	15.000%	136A/487	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	15.000%	272A/588 137A/84	
		James Stackpole and Bonnie Stackpole Drilling Appalachian Corporation	Drilling Appalachian Corporation Antero Resources Corporation	15.000%	179A/300	
		Antero Resources Corporation	SWN Production Company, LLC		272A/588	
		Diana Napper	Drilling Appalachian Corporation	15.000%	138A/484	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
		Antero Resources Corporation	SWN Production Company, LLC	45 00001	272A/588	
		Duane lykovich and Joyce lykovich	Drilling Appalachian Corporation	15.000%	141A/163 179A/300	
		Drilling Appalachian Corporation Antero Resources Corporation	Antero Resources Corporation SWN Production Company, LLC		272A/588	
		James R. Craig and Nila F. Craig	Drilling Appalachian Corporation	15.000%	145A/490	
		Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	

### EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator
Constance Taylor WTZ 10H
Wetzel County, West Virginia

Autonome Resource Corporation   Down Anderson and Data Anderson Anderson Engineering 15-005 (2014).   1497/154	ict#	Tax P	arcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased Southwestern Production Compa
Down Induction and Company Author   Profession   Profession Company   15,000   12,474,588   17,4768   17								LLC
Down Indication and Carea Antenessa   Drilling Appatholism Corporation   15.0006   12.474/58   17.476   17.47				A design of the second	SWIN Bradustian Company LLC		272A/588	
Drilling Appathshink Corporation   179-14/200   15-2005   15-200						15 000%		
Anter-or Resources Comprosition   Symptom Galactics and Marks Jo Cificuse   Dilling Application Corporation   Dilling Application Corporatio								
Report   Description   Strike   Properties   Strike   S								
Deling Appelchain Corporation   Autro Resources Corporation   1729/200   17						15.000%		
Autoro Resources Corporation Vogalus Los Spap Ligar 1, 1004, June 1, 1004 Backer 1, 1004 Backer 1, 1004 Backer 1, 1004 Backer 1, 1007 Back							179A/300	
Weignate Les Sapp   Symphotopic Company, LLC   20,000%   3244/322   3244/32							272A/588	
Figure 1, Voto Jr.						20.000%	324A/292	
Cathe Lymn York Juddese Desiglis C. Meri Grafford Backars P. Norm, married design is her viole and Backars P. Norm, married design is her viole and Backars P. Norm, married design is her viole and Backars P. Norm, married design is her viole and Backars P. Norm, married design is her viole and Backars P. Norm, married design is her viole and Backars P. Norm, married design is her viole and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and Cathers G. Norm, wile and Backars P. Norm and P. No						20.000%	324A/292	
Canhe year (Forbal Wides				Tommy Patterson Yoho	SWN Production Company, LLC	20.000%	324A/292	
## Barbar 3 Norm, married dealleg in her role and separate property Barbar 3 Norms and Lation C. Norm, wife and separate property Barbar 3 Norms and Lation C. Norm, wife and separate property Barbar 3 Norms and Lation C. Norm, wife and Sank L. Childhold, Jr. Margaret F. McSadden, visions Walfe Sank L. Childhold, Jr. Margaret F. McSadden, visions Walfe Sank L. Childhold, Jr. Margaret F. McSadden, visions Walfe Sank L. Childhold, Jr. Margaret F. McSadden, visions Walfe Sank L. Childhold, Jr. Margaret F. McSadden, visions Walfe Sank L. Childhold, Jr. McSadden, Jr. Developer C. Georgiel, L. C. 200000, 3244/322 Company, LLC 200000, 3					SWN Production Company, LLC	20.000%	324A/292	
Separate Property				Douglas G. McFadden	SWN Production Company, LLC	20.000%	324A/292	
## Production Company, LLC ## 20,000% 396A/129				Barbara P. Norris, married dealing in her sole and	SWN Production Company, LLC	20.000%	309A/135	
Jack   Critified   Fr.					SWN Production Company, LLC	20.000%	309A/129	
Margaret F. McFaddens, adow   Unids General Continues Wade   Barbina Key Palmer Schrickengors   3000 Production Company, LLC   20,000%   324A/392   324A				husband				
Lucis Greathbook Wale  Barbara K. Piller Scheelegott  James Allen Harchbook, subject to the life estate of 30M Production Company, LLC  James Allen Harchbook, subject to the life estate of 30M Production Company, LLC  James Allen Harchbook, subject to the life estate of 30M Production Company, LLC  James Allen Harchbook, subject to the life estate of 30M Production Company, LLC  James Allen Harchbook, subject to the life estate of 30M Production Company, LLC  James Allen Harchbook, and James Allen Harchbook								
Barkhar für Palmer Schreickengest   SJMN Production Company, ILC   20,000%   3244/732   24,				Margaret F. McFadden, widow				
James Allen Huchison, subject to the life estate of Saymel Re-Amos   Cynel Earl Greathous, Ir.   Swift Production Company, LLC   20.000%   324A/329   32								
Separation   Sep								
Durant Fire Greatbouse, IV. Sais I louise Saler Sais I louise Saler Melica Hutchison o'Ninon al/a Melica Submitchison Filore of Oil and Gas Gas RECEIVED Hutchison o'Ninon al/a Melica Submitchison No. Hutchison o'Ninon al/a Melica Submitchison Deborah Lowery, al/a Deborah Hutchison Swift Production Company, ILC 20,000% 33AA/722 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/722 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/722 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/722 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/722 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/722 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000% 33AAA/723 Levi Strichisos Wykerf, IV. Swift Production Company, ILC 20,000%				1 1	SWN Production Company, LLC	20.000%		
Sissi Jouise Baker				Clyde Earl Greathouse, Jr.	SWN Production Company, LLC	20.000%	324A/292	
Sissi Journe Baker					SWN Production Company, LLC	20.000%		
Hard-inson, a/a Melissa hard-inson   SWN Production Company, LLC   20,000%   324A/292   24A/292   24A/29								
SWN Production Company, LLC   20.000%   334A/292   33					SWN Production Company, LLC	20.000%	324A/292	
Deborah Lowery, July a Deborah Hurchinson  With Production Company, LLC  Low Nyker  Low Nikolais Wykert, Jr.  Low Wykert, Jr.  L							500000000000000000000000000000000000000	
AUG 1 5 2023  Kim Wykert  Lewis Nicholas Wykert, ir.  James E. Wykert  James E. Wyker  James E. Wykert  James E. Wyker  James E. W				Rhonda Wright				
Levels Wichelas Wylert I.W.   SWN Production Company, LLC   20.000%   3244/322   3244/				Deborari Lowery, a/k/a Deborari Hutchinson	SWIN Froduction Company, LLC	40.000%		
Lewis Wicholas Wydert, Ir.   James E. Wysert	ALIC	1 -	2022	Kim Wykert	SWN Production Company, LLC			
James E. Wykert   SWW Production Company, LLC   20,000%   3244/322   3244/3	HUU	15	1023			20.000%		
William Luella Wyker Larsel		J .				20.000%		
W UPDERTINENT Of   Wilds Annet Lynch   SWN Production Company, LLC   20.000%   322A/392   32AA/392   32AA/39	M// 15	\0 n = ·				20.000%	324A/292	
	AA D	epanm	ent of	Wilde Apostt Lunch	SWN Production Company, LLC	20.000%		
Jennifer Lym Yoho Parsons   SWM Production Company, LLC   20.000%   324A/322   Julie Yoho   Mester   SWM Production Company, LLC   20.000%   324A/322   Julie Yoho   SWM Production Company, LLC   20.000%   324A/322   324A/322   SWM Production Company, LLC   20.000%   324A/322   324A/322   324A/323   324A/3	ronm	nental F	rotectio	Michael Wayne Yoho	SWN Production Company, LLC	20.000%	324A/292	
Julie Veho   Shanna Sichards					SWN Production Company, LLC			
Shanna Richards   SMN Production Company, LLC   20,000%   324A/322   324A/3				Suzan Yoho Meister				
Shelley Zdancyk   SWN Production Company, LLC   20,000%   324A/322   2				Julie Yoho				
Robyn Lynn Wystt				Shanna Richards				
13 1-13-17   Christopher O. Ray and Xaren Ray, husband and wife								
Wife								
Drilling Appalachian Corporation   179A/300   277A/588								
Antero Resources Corporation Antero Resources						77,000,000		
1-13-26   William J. Walker and Mary E. Walker, h/w   Drilling Appalachian Corporation   15.00%   152A/347   19.4941   17.49/300   17.49								
Drilling Appalachian Corporation   Antero Resources Corporation   1794/300   2774/588   Antero Resources Corporation   5WN Production Company, LLC   15.000%   2884/286   2884	14	1-13-26				16.000%	152A/347	0.0000%
Antero Resources Corporation Cray Walker Antero Resources Corporation 15.000% 272A/S88 Antero Resources Corporation NA Production Company, LLC 272A/S88 28A/266 296A/367 296A/		1 13 10		VIIII.			196A/941	
Antero Resources Corporation   SWN Production Company, LLC   2772/588   Antero Resources Corporation   15.000%   288A/286   296A/367   296A/3				Drilling Appalachian Corporation	Antero Resources Corporation		179A/300	
Antero Resources Corporation   SWN Production Company, LLC   256A/367   120A/760   120A/760   120A/760   120A/760   177A/509   177					SWN Production Company, LLC		272A/588	
1-13-34   Ronald F. Channell and Vivian J. Channell   Problems					Antero Resources Corporation	15.000%	288A/286	
177A/509   192A/591   177A/509   192A/591   177A/509   192A/591   177A/509   192A/591   177A/509   192A/591   177A/509   192A/591   177A/300					SWN Production Company, LLC		296A/367	
Drilling Appalachian Corporation	15	1-13-34		Ronald F. Channell and Vivian J. Channell	Drilling Appalachian Corporation	15.000%		0.0000%
Drilling Appalachian Corporation								
Antero Resources Corporation   SWN Production Company, LLC   272A/588								
1-13-45   Royalty Owner								
Earnest H. Cadle, widower   SWN Production Company, LLC   18.000%   295A/184	16	1-13-45				n/a		4.1667%
BRC Working Interest Company Chesapeake Appalachia, LLC. SWN Production Company, LLC 157A/540 Appalachian Royalties Drilling Appalachian Corporation Antero Resources Family Trust dated Mary 4, 2016, EQT Production Company, LLC EQT Production Company SWN Production Company, LLC ABRO Minerals, P BRC Working Interest Company Antero Resources Corporation Antero Reso				Earnest H. Cadle, widower				
Chesapeake Appalachia, LLC Appalachian Royalties Drilling Appalachian Corporation Antero Resources Corporation SWN Production Company, LLC 272A/588 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company Elizabeth A Beachell, Trustee EQT Production Company SWN Production Company, LLC EQT Production Company The 2011 Mensore as Trustee EQT Production Company SWN Production Company SWN Production Company, LLC EQT Production C					•	10.000%		
Appalachian Royalties Drilling Appalachian Corporation Drilling Appalachian Corporation Antero Resources Corporation Antero Resources Corporation SWN Production Company, LLC 2724/588 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company, LLC 288A/534 Elizabeth A. Beachell, Trustee EQT Production Company SWN Production Company, LLC 322A/527 The 2011 Mensore Family Trust dated March 31, 2011, John J. Mensore as Trustee EQT Production Company SWN Production Company, LLC 20.000% 288A/538  V 114-56 Earnest H. Catile, widower SWN Production Company, LLC 322A/527  V 114-56 Earnest H. Catile, widower SWN Production Company, LLC 32A/527 BRC Working Interest Company Chesapeake Appalachia, LLC Glesapeake Appalachia, LLC SWN Production Company, LLC 157A/540 Appalachian Royalties Drilling Appalachian Corporation 18.750% 157A/566 Drilling Appalachian Corporation SWN Production Company, LLC 272A/588 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company, LLC 272A/588 United States of the McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company, LLC 272A/588 LD Antero Resources Corporation SWN Production Company SWN Produ								
Drilling Appalachian Corporation Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation Antero Resources Corporation SWN Production Company, LLC 272A/588 Elizabeth A. Beachell, Trustee EQT Production Company The 2011 Mensore Family Trust dated March 31, 2011, John J. Mensore as Trustee EQT Production Company SWN Production Company, LLC 322A/527 V 1-14-56 Earnest H. Cadile, widower BRC Working Interest Company SWN Production Company, LLC BRC Working Interest Company Chesapeake Applachia, LLC SWN Production Company, LLC BRC Working Interest Company Chesapeake Applachian Corporation Antero Resources Corporation Antero						18 750%		
Antero Resources Corporation SWN Production Company, LLC 272A/S88 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company 20,000% 288A/S34  Elizabeth A, Beachell, Trustee EQT Production Company SWN Production Company, LLC 322A/S27 The 2011 Mensore Family Trust dated March 31, 2011, John J. Mensore as Trustee EQT Production Company SWN Production Company, LLC 20,000% 288A/S38  EQT Production Company SWN Production Company, LLC 322A/S27  V 1.14-56 Sarnest H. Cadle, widewer SWN Production Company, LLC 18,000% 2954/184  BRC Minerals, LP BRC Working Interest Company Chesapeake Appalachia, LLC 16,000% 102A/S05 BRC Working Interest Company Chesapeake Appalachia, LLC 5WN Production Company, LLC 157A/S40  Appalachian Boyalites Drilling Appalachian Corporation 157A/S40  Antero Resources Corporation Antero Resources Corporation 179A/S00 Antero Resources Corporation SWN Production Company, LLC 272A/S88 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company Memo 288A/S38  Libabeth A, Beachell, Trustee The 2011 Mensore Smilly Trust dated March 31, 2011 John J. Mensore Smilly Trust dated March 31, 2011 Production Company Memo 288A/S38  ABU 12-18-12-1 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-1 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-1 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-11 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-11 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-11 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-11 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640  ABU 12-18-12-11 Ghesapeake Appalachia, LLC SWN Production Company, LLC 12-500% 157A/640						10.750/0		
The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company   20,000%   288A/534     Elizabeth A. Beachell, Trustee   EQT Production Company   SWN Production Company   LIC   322A/527     The 2011 Mensore Family Trust dated March 31, 2011, John J. Mensore as Trustee   EQT Production Company   SWN Production Company   LIC   322A/527     V								
Elizabeth A. Beachell, Trustee   EQT Production Company   LC   322A/527						20.000%		
EQT Production Company   SWN Production Company   LC   322A/527					· · · · · · · · · · · · · · · · · · ·			
The 2011 Mensore Family Trust dated March 31, 2011, John J. Mensore as Trustee EQT Production Company SWN Production Company, LLC 322A/527  V 1-14-55 Earnest H. Cadle, widower SWN Production Company, LLC 18.000% 295A/884 4.1667% BRC Working, Interest, LLC 16.000% 102A/505 BRC Working, Interest St. LLC 16.000% 102A/505 BRC Working, Interest LLC 16.000% 102A/505 BRC Wor					SWN Production Company, LLC		322A/527	
2011, John J. Mensore as Trustee   EQT Production Company   SWN Production Company, LLC   322A/527						20.000%	288A/538	
V								
BRC Minerals, I.P.   BRE Working Interest, I.C.   16,000%   102A/505			-					A 16070/
BRC Working Interest Company   Chesapeake Appalachia, LLC   133A/470   Chesapeake Appalachia, LLC   SWNProduction Company LLC   157A/540   157A/540   Appalachian Royalicis   Drilling Appalachian Boyalicis   Drilling Appalachian Corporation   Antero Resources Corporation   1794/300								4.4007%
Chesapeake Appalachia, LLC								( Fine and
Appalachian Royalhes Drilling Appalachian Corporation 18.750% 157A/706 Drilling Appalachian Corporation Antero Resources Corporation 179A/300 Antero Resources Corporation SWN Production Company, LLC 272A/588 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company Memo 288A/584 Elizabeth A. Beachell, Trustee The 2011 Mensore Family Trust dated March 31, EQT Production Company Memo 288A/588 2011 John J. Mensore as Trustee John Joseph Mensore Esta Mane-McCall, aka Esta Marie Bell Open Open Esta Mane-McCall, aka Esta Marie Bell SWN Production Company, L.C 12-500% 157A/646 0.0000%								M STANDARD
Drilling Appalachian Corporation Antero Resources Corporation 1794/300 Antero Resources Corporation SWN Production Company, LLC 2724/588 The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company Memo 2884/534 Elizabeth A Beachell, Trustee The 2011 Mensore Family Trust dated March 31, BQT Production Company Memo 2884/538 2011, Join J. Mensore Sarrustee Join Joseph Mensore Esta Marie McCall, aka Esta Mane Bell Open Open Open Open Open Esta Marie McCall, aka Esta Mane Bell SWN Production Company, L.C 12-509% 157A/646 00000%								
The McCall 2016 Delaware Trust dated May 4, 2016, EQT Production Company   Memo   288A/534     Elizabeth A, Beachell, Trustee   The 2011 Mensore Family Trust dated March 31,   EQT Production Company   Memo   288A/538     2011 John J. Mensore as Trustee   John Joseph Mensore   John Joseph Mensore   John Joseph Mensore   Esta Mane McCall, ake Esta Mane Bell   Open   Open     ABI   12-18-12-1   Chesapeake Appalachia, LLC   SWN Production Company, LC   12-500%   157A/646   0.0000%								Charles San Line
Elzabeth A. Beachell, Trustee The 2011 Mensore Family Trust dated March 31, BQT Production Company,  2011 John J. Mensore as Trustee John Joseph Mensore Esta Marie McCall, aka Esta Mane Bell Gyen Open Open  AB 12-18-12.1 Ghesapeake Appalachia, LLC SWN Production Company, L.C 12-500% 157A/646 0,0000%								
The 2011 Mensore Family Trust dated March 31,   EQT Production Company   Memo   288A/538   2011, John J. Mensore as Trustee   John Joseph Mensore   Open								THE STREET
2011, John J. Mensore as Trustee   John Joseph Mensore   Open								14 REAL 18
John Joseph Mensore								
Esta Marie McCall, aka Esta Mane Bell   Open   Open   Open								
	1			Esta Marie McCall, aka Esta Marie Bell				
		12-1	18-12-1	Chesapeake Appalachia, L.E.C.			157A/646	0.0000%
BRC Appalachian Minerals J. LLC BRC Working Interest Company 12,875% 108A/320								THE REAL PROPERTY.

### EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator

Constance Taylor WTZ 10H Wetzel County, West Virginia

4710303609

Tract#	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
		Chesapeake Appalachia, LLC Rosalyn A. Metzger, a married woman dealing in her	SWN Production Company, LLC Chesapeake Appalachia, LLC	17.000%	157A/540 121A/499	
		sole and separate property Chesapeake Appalachia, LLC Deborah Rein, a married woman dealing in her sole	SWN Production Company, LLC Chesapeake Appalachia, LLC			
		and separate property Chesapeake Appalachia, LLC The Siegler Family Trust. By Rosalyn A. Metzger And Deborah Rein, Acting As Trustees	SWN Production Company, LLC Chesapeake Appalachia, LLC			
		Chesapeake Appalachia, LLC MBD Holdings, LP	SWN Production Company, LLC SWN Production Company, LLC			
AV	12-18-12.2	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC	12.500%	157A/646	0.0000%
		BRC Working Interest Company				
		Chesapeake Appalachia, LLC Rosalyn A: Metzger, a married woman dealing in her sole and separate property				
		Chesapeake Appalachia, LLC				
		Deborah Rein, a married woman dealing in her sole and separate property				
		Chesapeake Appalachia, LLC				
		Chesapeake Appalachia, LLC	SWN Production Company, LLC			

Potentially Impacted Parcels - Parcels within 50° of each side of the planned wellbore that may be impacted during drilling.

Office RECEIVED
Office of Oil and Gas
AUG 1 5 2023
WV Department of Environmental Protection



4710303609

SWN Production Company, LLC 1300 Fort Pierpont Dr, Ste 201 Morgantown, WV 26508 Tel: 304 884 1610 Fax: 304 471 2497 www.swn.com

August 10, 2023

Charles Brewer WV DEP Office of Oil & Gas 601 57<sup>th</sup> St., SE Charleston, WV 25304

**RE:** SWN's proposed New Well: Constance Taylor WTZ 10H in Wetzel County, West Virginia, Drilling under Rush Run Road, Fairview Ridge Road, and Steel Run Road.

Dear Mr. Brewer:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under Rush Run Road, Fairview Ridge Road, and Steel Run Road. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Thank you.

Sincerely,

Ian R. Nicas Staff Landman

SWN Production Company, LLC

Office Of Oil and Gas

AUG 1 5 2023

WV Department of Environmental Protection

R2 ~V+°

# Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given	n	er	giv	•	bv	e	e	h	is	ce	ti	No	ſ
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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: Wetzel Chronicle

Public Notice Date: June 28, 2023 & July 5, 2023

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: SWN I	Production Company, LLC		Well Number: Constance Taylor WTZ 10H		
Address: 1300 Fo	ort Pierpont Dr., Suite 201				
Morgantown, WV	26508				75
<b>Business Conduct</b>	ed: Natural gas production	n.		O1 A	fice of Oil and Gas UG 1 5 2023
Location -				Envi	Department of
State:	West Virginia		County:	Wetzel	Department of Omental Protection
District:	District: Proctor  UTM Coordinate NAD83 Northing:		Quadrangle:	Wileyville	
UTM Cod					
	ordinate NAD83 Easting: d: Upper Ohio South	527,524			

### **Coordinate Conversion:**

To convert the coordinates above into longitude and latitude, visit: <a href="http://tagis.dep.wv.gov/convert/llutm">http://tagis.dep.wv.gov/convert/llutm</a> conus.php

### Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit <a href="http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx">http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx</a> 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 57<sup>th</sup> 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 <u>DEP.comments@wv.gov</u>.

### **Submitting Comments:**

Comments may be submitted online at <a href="https://apps.dep.wv.gov/oog/comments/comments.cfm">https://apps.dep.wv.gov/oog/comments/comments.cfm</a>, or by letter to Permit Review, Office of Oil and Gas, 601 57<sup>th</sup> 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

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

Date of Notic	ce Certification: 8/14/23	AI	PI No. 47- 103 -	
			erator's Well No. Co	nstance Taylor WTZ 10H
			ell Pad Name: Const	
Notice has l	oeen given:			
	ne provisions in West Virginia Code §	22-6A, the Operator has provide	ed the required parties	with the Notice Forms listed
below for the	tract of land as follows:	,	a are required particle	The first of the f
State:	West Virginia	Ea Ea	sting: 527526.14	
County:	103-Wetzel		orthing: 4389453.49	
District:	Proctor	Public Road Access:	Brock Ridge Ro	pad
Quadrangle:	Wileyville	Generally used farm	name: Constance Tay	lor WTZ
Watershed:	Upper Ohio South	-		
it has provide information re of giving the requirements Virginia Code	the secretary, shall be verified and shed the owners of the surface describ equired by subsections (b) and (c), sec surface owner notice of entry to sur of subsection (b), section sixteen of ea § 22-6A-11(b), the applicant shall te have been completed by the applicant	ed in subdivisions (1), (2) and ction sixteen of this article; (ii) the vey pursuant to subsection (a), this article were waived in wri- ander proof of and certify to the s	(4), subsection (b), s at the requirement was section ten of this ar iting by the surface of	ection ten of this article, the is deemed satisfied as a result ticle six-a; or (iii) the notice owner; and Pursuant to West
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the required		Notice Certification	OOG OFFICE USE
□ 1. NO	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED SEISMIC ACTIVITY WAS CO		□ RECEIVED/ NOT REQUIRED
■ 2. NO	TICE OF ENTRY FOR PLAT SURV	EY or ☐ NO PLAT SURVEY	WAS CONDUCTED	☐ RECEIVED
3. NO	TICE OF INTENT TO DRILL OF	☐ NOTICE NOT REQUIRED NOTICE OF ENTRY FOR PLAWAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY (PLEASE ATTACH)	SURFACE OWNER	
■ 4. NO	TICE OF PLANNED OPERATION	Office of O	IVED il and Gas	☐ RECEIVED
■ 5. PUE	BLIC NOTICE	AUG 15		☐ RECEIVED
■ 6. NO	TICE OF APPLICATION	WV Depart Environmental	ment ot Protection	☐ 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.

# 4710303609

### Certification of Notice is hereby given:

THEREFORE, I Brittany Woody , 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: SWN Production Co., LLC

Address:

1300 Fort Pierpont Dr., Suite 201

By:

**Brittany Woody** 

Morgantown, WV 26508

Its:

Senior Regulatory Analyst

Facsimile: 304-884-1690

Telephone:

304-884-1610

Email:

Brittany Woody@swn.com



Subscribed and sworn before me this

30 day of September 2022

Notary Public

My Compission Expires

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.

> RECEIVED Office of Oil and Gas

AUG 1 5 2023

WV Department of Environmental Protection WW-6A (9-13) API NO. 47- 103 
OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

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

			HOHEL OF	TATT DICTITOTA	
Notic	e Time Requireme	nt: notice shall be provid	led no later than	the filing date of permit application. 0 3 0 3 6 0 8	
Data	of Natice: 8/14/1	3Date Permit Applicat	ion Filed:	15/23	
		- Date I crime Expense	ion riicu.	in the second se	
Notic	e 01:				
✓ I	PERMIT FOR ANY	✓ ☐ CERTIFIC	CATE OF APPE	ROVAL FOR THE	
A-15100	WELL WORK	10 10 10 10 10 10 10 10 10 10 10 10 10 1		N IMPOUNDMENT OR PIT	
	WLLL WORK	CONSTR	0011011 01 11	IVIN OUTBINETT ORTE	
Delive	ery method pursua	ant to West Virginia Co	de § 22-6A-10(	b)	
	PERSONAL	✓ REGISTERED	☐ METHO	DD OF DELIVERY THAT REQUIRES A	
- S	SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION	
				of the application, the applicant for a permit for any well work or f	
the su oil and descrii operat more o well w impour have a provid propo subsect record provis Code	rface of the tract on d gas leasehold being bed in the crosion at tor or lessee, in the e coal seams; (4) The work, if the surface to indment or pit as desa water well, spring of the water for consumpsed well work activition (b) of this section of this article to R. § 35-8-5.7.a required.	which the well is or is proped developed by the proposed sediment control plan so went the tract of land on wowners of record of the surfact is to be used for the placeribed in section nine of the properties of the placeribed in section nine of the placeribed in section nine of the placeribed in section of the placeribed in section nine of the placeribed in section nine of the placeribed in section by humans or domest the total the placeribed in the large in the large in the large in part, notice to a liquires, in part, that the operation	posed to be located well work, if a submitted pursuar hich the well profrace tract or traceacement, construities article; (5) A stated within one titc animals; and for more than three ands, the applicant uant to section even holder is not a stated while also present a state of the section even holder is not a state of the section even holder is not a state of shall also present which well as the section even holder is not a state of shall also present a state of the section even holder is not a state of the section even holder i	the well plat to each of the following persons: (1) The owners of rected; (2) The owners of record of the surface tract or tracts overlying the surface tract is to be used for roads or other land disturbance and to subsection (c), section seven of this article; (3) The coal owner opposed to be drilled is located [sic] is known to be underlain by one of the other owner, alteration, repair, removal or abandonment of my surface owner or water purveyor who is known to the applicant thousand five hundred feet of the center of the well pad which is used (6) The operator of any natural gas storage field within which the extenants in common or other co-owners of interests described in the applicant and serve the documents required upon the person described in the interest of the well standard in the coal can be compared to a landowner, unless the lien holder is the landowner. We ovide the Well Site Safety Plan ("WSSP") to the surface owner and as provided in section 15 of this rule.	g the ser, e or cosed any to sed to the g any Va.
☑ Ar	oplication Notice	☑ WSSP Notice ☑E&	S Plan Notice	☑ Well Plat Notice is hereby provided to:	
Janes 198	RFACE OWNER(s				
	: Constance Taylor	)		COAL OWNER OR LESSEE  Name: Consolidation Coal Company Attn: Casey Saun@fsce_of Oil and Gaddress: 275 Technology Drive, Suite 201	
	ess: 807 Johnson Street		-	Address: 275 Technology Drive, Suite 201	20
	artinsville, WV 26155		-	Canonsburg, PA 15317  COAL OPERATOR  AUG 1 5 2023	18
			-	COAL OPERATOR 5 2023	
Addr	ess:		•	Name:	
			-	COAL OPERATOR  Name:	
ПSU	RFACE OWNER(s	(Road and/or Other Dis	sturbance)		
				☑ SURFACE OWNER OF WATER WELL	
Addr	ess:		<del></del>	AND/OR WATER PURVEYOR(s)	
1 Iuui				Name: See Attachment 13A	
Name				Address:	
Add.	ecc.		-	A AWMA VOU	
Auui	USS		-	OPERATOR OF ANY NATURAL GAS STORAGE FIELD	)
- CTT	DEACE OWNER.	s) (Impoundments or Pits)	7	- The state of the control of the co	
				Name:	
Name	ð		-	Address:	
Addr	ess:		-	*Please attach additional forms if necessary	
				riease attach additional forms if necessary	

WW-6A (9-13) 4 7 10 3 0 3 6 0 9

OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

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

Noti	ce Time Requiremen	nt: notice shall be provide	ed no later than the filing date of permit application.
D .	8/14/2	3 Date Permit Applicati	on Filed: 8/15/23
		Date Permit Applicati	on Flied
Noti	ce of:		
	SERVICE COD INC.		ATE OF APPROVAL FOR THE
$\checkmark$	PERMIT FOR ANY		
	WELL WORK	CONSTRU	UCTION OF AN IMPOUNDMENT OR PIT
Deli	very method pursua	nt to West Virginia Coo	le § 22-6A-10(b)
$\overline{}$	DED 003111	7 DECLETERED	☐ METHOD OF DELIVERY THAT REQUIRES A
Ш		✓ REGISTERED	
	SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
regis sedir the soil and description operation well important provides provides recomproved the control of the control operation operation of the control operation of the control operation operati	tered mail or by any ment control plan requirface of the tract on vind gas leasehold being ribed in the erosion and actor or lessee, in the erosion state or lessee, in the erosion and the erosion and the erosion and the erosion (a). The consumption is a water well, spring of the water for consumption erosion (b) of this section (c) of this section of the sheriff requires of the sheriff requires erosion of this article to the R. & 35-8-5.7.a. requires	nethod of delivery that required by section seven of the which the well is or is proped developed by the proposed dediment control plan survent the tract of land on whowever of record of the survent is to be used for the place of the section of the section of the section by humans or domest by is to take place. (c)(1) If on hold interests in the landered to be maintained pursuatives, in part, that the operatives	bundment or pit as required by this article shall deliver, by personal service or by usines a receipt or signature confirmation, copies of the application, the erosion and is article, and the well plat to each of the following persons: (1) The owners of record of bosed to be located; (2) The owners of record of the surface tract or tracts overlying the ed well work, if the surface tract is to be used for roads or other land disturbance as abmitted pursuant to subsection (c), section seven of this article; (3) The coal owner, nich the well proposed to be drilled is located [sic] is known to be underlain by one or face tract or tracts overlying the oil and gas leasehold being developed by the proposed acement, construction, enlargement, alteration, repair, removal or abandonment of any his article; (5) Any surface owner or water purveyor who is known to the applicant to ted within one thousand five hundred feet of the center of the well pad which is used to ic animals; and (6) The operator of any natural gas storage field within which the more than three tenants in common or other co-owners of interests described in ds, the applicant may serve the documents required upon the person described in the nant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any an holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. to shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any divater testing as provided in section 15 of this rule.
	application Notice 1	☑ WSSP Notice ☑ E&S	S Plan Notice  Well Plat Notice is hereby provided to:
□.SI	JRFACE OWNER(s	)	COAL OWNER OR LESSEE  Name: Leonard Dunham  Address: 419 Edgewood Ave  AUG 7
Nan		,	☐ COAL OWNER OR LESSEE  Name: Leonard Dunham  Address: 419 Edgewood Ave  Moundsville, WV 26041 ☐ COAL OPERATOR  Name: Address:  Address:  Address:  Address:  The Edgewood Ave  AUG 15 2023  Environmental Protection  Address:
	ress:		Address: 419 Edgewood Ave
			Moundsville, WV 26041
Nan	ne:		COAL OPERATOR
			Name:Name:
			Address:
	URFACE OWNER(s	(Road and/or Other Dis	
Nan	ne:	***************************************	☐ SURFACE OWNER OF WATER WELL
Add	lress:		AND/OR WATER PURVEYOR(S)
			Name:
Nar			
Add	lress:		· ·
			OPERATOR OF ANY NATURAL GAS STORAGE FIELD
ПS	URFACE OWNER(s	s) (Impoundments or Pits)	Name:
Ada	iress.		
1100			*Please attach additional forms if necessary

WW-6A (9-13)

API NO. 47- 103 OPERATOR WELL NO. Constance Taylor WTZ 10H
Well Pad Name: Constance Taylor WTZ

# 

					an the filing date of per	mit application	on.	
Date o	of Notice: <u>%/14/</u> e of:	Z3 <sub>Date</sub> Permi	Application	n Filed:	8/15/23			
	PERMIT FOR AN	Y 🗆			PROVAL FOR THE AN IMPOUNDMENT (	OR PIT		
Delive	ery method pursu	ant to West Vi	rginia Code	§ 22-6A-1	0(b)			
	PERSONAL SERVICE	REGISTE MAIL	CRED		HOD OF DELIVERY THEIPT OR SIGNATURE (			
registe sedime the sur oil and describ operate more c well w	red mail or by any pent control plan required face of the tract on a gas leasehold being bed in the erosion a per or lessee, in the coal seams; (4) The rork, if the surface to any pent or pit as defined as the coal seams.	method of deliv- uired by section which the well g developed by nd sediment cor event the tract of owners of recor ract is to be use scribed in section	ery that requir seven of this is or is propose the proposed trol plan subr Fland on whic d of the surfar d for the place n nine of this	res a receipt article, and sed to be loo well work, mitted pursuch the well p ce tract or t	pit as required by this article or signature confirmation the well plat to each of the cated; (2) The owners of rif the surface tract is to be uant to subsection (c), sect proposed to be drilled is for racts overlying the oil and struction, enlargement, alter Any surface owner or wall	n, copies of the me following per second of the sure used for roads tion seven of the cated [sic] is kell gas leasehold teration, repair, reter purveyor where	application, the resons: (1) The reface tract or the resonant and the article; (3) known to be unbeing development of about to the removal or about the remo	ne erosion and owners of record of tracts overlying the disturbance as The coal owner, nderlain by one or led by the proposed andonment of any othe applicant to
provid propos subsect record provis Code l	e water for consumsed well work active tion (b) of this sect s of the sheriff requion of this article to R. § 35-8-5.7.a req	ption by human ity is to take pla ion hold interes iired to be main the contrary, no uires, in part, th	source located s or domestic ce. (c)(1) If m is in the lands ained pursuan otice to a lien at the operato	d within on animals; ar fore than the s, the applicant to section holder is no or shall also	e thousand five hundred for and (6) The operator of any ree tenants in common or of ant may serve the docume in eight, article one, chapter of notice to a landowner, u provide the Well Site Safe are provided in section 15	reet of the center natural gas stored the co-owner onts required up a releven-a of the cety Plan ("WSS 5 of this rule."	or of the well prage field with sof interests on the person also code. (2) Not colder is the last?") to the sur	oad which is used to nin which the described in described in the otwithstanding any andowner. W. Va. face owner and any
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WW-6A (9-13)

# 4710303609

API NO. 47- 103 -

OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

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Notice Time Requirement: notice shall be provided no late	
Date of Notice: 8/14/2 Date Permit Application Filed:	8/15/23
Notice of:	
Notice of:	
✓ PERMIT FOR ANY ☐ CERTIFICATE OF	APPROVAL FOR THE
WELL WORK CONSTRUCTION	OF AN IMPOUNDMENT OR PIT
D. I	A 10(b)
Delivery method pursuant to West Virginia Code § 22-6.	A-10(D)
☐ PERSONAL ☑ REGISTERED ☐ MI	ETHOD OF DELIVERY THAT REQUIRES A
SERVICE MAIL RI	ECEIPT OR SIGNATURE CONFIRMATION
sediment control plan required by section seven of this article, the surface of the tract on which the well is or is proposed to be oil and gas leasehold being developed by the proposed well we described in the erosion and sediment control plan submitted p operator or lessee, in the event the tract of land on which the w more coal seams; (4) The owners of record of the surface tract well work, if the surface tract is to be used for the placement, c impoundment or pit as described in section nine of this article; have a water well, spring or water supply source located within provide water for consumption by humans or domestic animals proposed well work activity is to take place. (c)(1) If more thar subsection (b) of this section hold interests in the lands, the apprecords of the sheriff required to be maintained pursuant to seconds of the sheriff required to be maintained pursuant to seconds.	eipt or signature confirmation, copies of the application, the erosion and and the well plat to each of the following persons: (1) The owners of record of elocated; (2) The owners of record of the surface tract or tracts overlying the ork, if the surface tract is to be used for roads or other land disturbance as ursuant to subsection (c), section seven of this article; (3) The coal owner, ell proposed to be drilled is located [sic] is known to be underlain by one or or tracts overlying the oil and gas leasehold being developed by the proposed construction, enlargement, alteration, repair, removal or abandonment of any (5) Any surface owner or water purveyor who is known to the applicant to one thousand five hundred feet of the center of the well pad which is used to stand (6) The operator of any natural gas storage field within which the of three tenants in common or other co-owners of interests described in colicant may serve the documents required upon the person described in the tion eight, article one, chapter eleven-a of this code. (2) Notwithstanding any is not notice to a landowner, unless the lien holder is the landowner. W. Va. also provide the Well Site Safety Plan ("WSSP") to the surface owner and any sting as provided in section 15 of this rule.
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan No	otice
□ SURFACE OWNER(s)	COAL OWNER OR LESSEE  Name: Terry Dunham  Address: 404 University Ave
Name:	Name: Terry Dunham  Address: 404 University Ave
Address:	Address: 404 University Ave  Elryia, OH 44305  COAL OPERATOR Name:  Address:  Address:
Name:	COAL OPERATOR
Address:	Name: Environmental Protection
	Address:
☐ SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
	Name:
Name:	Address:
Address:	DOPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
	Address:
Name:	1 Mai voo.
Address:	*Please attach additional forms if necessary
	a remove water and a remove of the second

WW-6A (9-13) API NO. 47-103 0 3 6 0 3

OPERATOR WELL NO. Constance Taylor WTZ 10H
Well Pad Name: Constance Taylor WTZ

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS $\frac{\text{NOTICE OF APPLICATION}}{\text{NOTICE OF APPLICATION}}$

	ice Time Requirement: notice shall be provided no later t	
	e of Notice: 214 23 Date Permit Application Filed:	g/15/23
Date	e of Notice:Date Permit Application Filed: _	41-1-
Noti	ice of:	
	D OFFICIAL OF A	DDD OVAL FOR THE
$\checkmark$	PERMIT FOR ANY CERTIFICATE OF A	
	WELL WORK CONSTRUCTION O	F AN IMPOUNDMENT OR PIT
Deli	very method pursuant to West Virginia Code § 22-6A-	10(b)
Den	very method parsuant to viest vinginia code § 22 or	
	PERSONAL Z REGISTERED MET	THOD OF DELIVERY THAT REQUIRES A
	SERVICE MAIL REC	CEIPT OR SIGNATURE CONFIRMATION
		ate of the application, the applicant for a permit for any well work or for a
regis sedir the s oil ardesc oper more well impo have prov prop subs reco prov Cod	stered mail or by any method of delivery that requires a receipment control plan required by section seven of this article, and surface of the tract on which the well is or is proposed to be leading as leasehold being developed by the proposed well work ribed in the erosion and sediment control plan submitted pure ator or lessee, in the event the tract of land on which the well is coal seams; (4) The owners of record of the surface tract or work, if the surface tract is to be used for the placement, corporated with the well is a water well, spring or water supply source located within our dewards of the surface tract is to be used for the placement, corporated water for consumption by humans or domestic animals; as so sed well work activity is to take place. (c)(1) If more than the section (b) of this section hold interests in the lands, the appliered of the sheriff required to be maintained pursuant to section is the section of this article to the contrary, notice to a lien holder is the section of this article to the contrary, notice to a lien holder is the section of this article to the contrary, notice to a lien holder is the section of th	pit as required by this article shall deliver, by personal service or by of or signature confirmation, copies of the application, the erosion and d the well plat to each of the following persons: (1) The owners of record of ocated; (2) The owners of record of the surface tract or tracts overlying the surface tract is to be used for roads or other land disturbance as suant to subsection (c), section seven of this article; (3) The coal owner, I proposed to be drilled is located [sic] is known to be underlain by one or tracts overlying the oil and gas leasehold being developed by the proposed astruction, enlargement, alteration, repair, removal or abandonment of any (5) Any surface owner or water purveyor who is known to the applicant to ne thousand five hundred feet of the center of the well pad which is used to and (6) The operator of any natural gas storage field within which the hree tenants in common or other co-owners of interests described in cant may serve the documents required upon the person described in the on eight, article one, chapter eleven-a of this code. (2) Notwithstanding any not notice to a landowner, unless the lien holder is the landowner. W. Va. to provide the Well Site Safety Plan ("WSSP") to the surface owner and any ng as provided in section 15 of this rule.
Ø A	Application Notice  WSSP Notice  E&S Plan Notice	ice Well Plat Notice is hereby provided to:
	URFACE OWNER(s)	COAL OWNER OR LESSEE Name: Charles Dunham III  Address: 1012 Shore Line Dr La Grange, KY 40031  COAL OPERATOR  Office Of Oil and Gas  AUG 15 2023
Nan	ne:	Name: Charles Dunham III Office Of Oil and
Add	lress:	Address: 1012 Shore Line Dr Allo
		La Grange, KY 40031  AUG 15 2022
Nan	me:	COAL OPERATOR  Name:  Environmental Protection
Add	lress:	Address:
	URFACE OWNER(s) (Road and/or Other Disturbance)	Address:Protection
	2000 CONTROL OF CONTRO	SURFACE OWNER OF WATER WELL
	me:	AND/OR WATER PURVEYOR(s)
Add	dress:	100mm (20mm 1998-1997) - 10 10 10 10 10 10 10 10 10 10 10 10 10
\T		Name:Address:
INat	me:	/ Kdd 655.
Add	dress:	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
	URFACE OWNER(s) (Impoundments or Pits)	Name:
		Address:
Nai	me:	Audicos.
Ad	dress:	*Please attach additional forms if necessary
		i rease attach additional forms if necessary

WW-6A (9-13)

# 4710303609 API NO. 47-103

OPERATOR WELL NO. Constance Taylor WTZ 10H
Well Pad Name: Constance Taylor WTZ

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Notice Time Requirement: notice shall be provided no later th	an the filing date of permit application.
Date of Notice: 8/14/23 Date Permit Application Filed:	3/15/23
Notice of:	
✓ PERMIT FOR ANY ☐ CERTIFICATE OF APP	PROVAL FOR THE
	AN IMPOUNDMENT OR PIT
WELL WORK CONSTRUCTION OF	AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-1	0(b)
☐ PERSONAL ☑ REGISTERED ☐ METH	HOD OF DELIVERY THAT REQUIRES A
	EIPT OR SIGNATURE CONFIRMATION
SERVICE MAIL RECE	JPT OR SIGNATURE CONFIRMATION
sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be loc oil and gas leasehold being developed by the proposed well work, it described in the erosion and sediment control plan submitted pursu operator or lessee, in the event the tract of land on which the well pursue more coal seams; (4) The owners of record of the surface tract or to well work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; an proposed well work activity is to take place. (c)(1) If more than thr subsection (b) of this section hold interests in the lands, the application of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not	ant may serve the documents required upon the person described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any of notice to a landowner, unless the lien holder is the landowner. W. Va. provide the Well Site Safety Plan ("WSSP") to the surface owner and any
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice	e ☑ Well Plat Notice is hereby provided to:
□SURFACE OWNER(s)	☑ COAL OWNER OR LESSEE
Name:	Name: Joany Sauro  Address: 232 Rainbow Dr
Address:	Address: 232 Rainbow Dr Gas
	Livingston, TX 77399  COAL OPERATOR  AUG 15 2023
Name:	100.
Address:	Name: Environmental of
	Address: Protection
☐ SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name:	□ SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
	Name:
Name:	Address:
Address:	
The second secon	☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address:	
Tradiciss.	*Please attach additional forms if necessary
	No.

WW-6A (9-13)

# 4710303609

API NO. 47- 103 -

OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

# 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:	8/15/23
PERMIT FOR ANY WELL WORK  CONSTRUCTION OF	PPROVAL FOR THE F AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-	10(b)
☐ PERSONAL ☐ REGISTERED ☐ MET	THOD OF DELIVERY THAT REQUIRES A
	EIPT OR SIGNATURE CONFIRMATION
sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be looil and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted purs operator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or well work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within or provide water for consumption by humans or domestic animals; as proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the application of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not provision of the section to the contrary, notice to a lien holder is not provise to the contrary.	of or signature confirmation, copies of the application, the erosion and defined the well plat to each of the following persons: (1) The owners of record of the well plat to each of the following persons: (1) The owners of record of the surface tract or tracts overlying the context of the surface tract is to be used for roads or other land disturbance as the sum of the surface tract is to be used for roads or other land disturbance as the sum of the surface tract is to be used for roads or other land disturbance as the sum of the surface tract is to be used for roads or other land disturbance as the sum of the surface owner, proposed to be drilled is located [sic] is known to be underlain by one or tracts overlying the oil and gas leasehold being developed by the proposed struction, enlargement, alteration, repair, removal or abandonment of any of Any surface owner or water purveyor who is known to the applicant to the thousand five hundred feet of the center of the well pad which is used to not (6) The operator of any natural gas storage field within which the ree tenants in common or other co-owners of interests described in the meant may serve the documents required upon the person described in the meight, article one, chapter eleven-a of this code. (2) Notwithstanding any of notice to a landowner, unless the lien holder is the landowner. W. Va. provide the Well Site Safety Plan ("WSSP") to the surface owner and any gas provided in section 15 of this rule.
☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice	* ·*
SURFACE OWNER(s)	Name: Donna Blake  Office Of Oil and Gas
Name:	Name: Donna Blake Office of Oil and Gas
Address:	Address: 418 Gilbert Avenue
Name:	Follansbee, WV 26037  AUG 15 2023
Name:Address:	COAL OPERATOR  Name:  Address:  WV Department of Environmental Protection
Address:	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	Address.
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
	Name:
Name:	Address:
Address:	
and the second of the second o	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address:	
	*Please attach additional forms if necessary

OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

### 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 WVDepartmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.gov/oil-AUG 1 5 2023 and-gas/pages/default.aspx.

Well Location Restrictions

Environment of the first from any existing Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured first 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

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OPERATOR WELL NO. Constance Taylor WTZ 10H

Well Pad Name: Constance Taylor WTZ

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 57<sup>th</sup> St. SE
Charleston, WV 25304
(304) 926-0450

AUG 1 5 2023

WV Department of

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

WW-6A (8-13) 4710303609

API NO. 47- 103

OPERATOR WELL NO. Constance Taylor WTZ 10H
Well Pad Name: Constance Taylor WTZ

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 <a href="http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx">http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx</a> 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.

RECEIVED
Office of Oil and Gas

AUG 1 5 2023

WV Department of Environmental Protection WW-6A (8-13)

OPERATOR WELL NO. Constance Taylor WTZ 10H Well Pad Name: Constance Taylor WTZ

Notice is hereby given by:

Well Operator: SWN Production Co., LLC

Telephone: 304-884-1610

Email: Brittany\_Woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201

Morgantown, WV 26508

Facsimile: 304-884-1690

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 30 day of September 2022

My Commission Expires /0/01/2024

RECEIVED Office of Oil and Gas

AUG 1 5 2023

WV Department of Environmental Protection WW-6A3 (1/12)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

wines and Natice shall be provided at least SEVEN (7) days but no more than EODTV FIVE (45) days prior to

entry  Date of Notice:	place of Plann	ed Entry: 9/29/2022	S out no more than	TPORT 1-PTV E (45) days prior to	
Delivery metho	od pursuant to West Virginia Cod	le § 22-6A-10a			
PERSONA SERVICE		☐ METHOD OF DELL RECEIPT OR SIGN			
on to the surface but no more that beneath such tra owner of miners and Sediment C Secretary, whice enable the surface	e tract to conduct any plat surveys run forty-five days prior to such entry act that has filed a declaration pursuals underlying such tract in the countontrol Manual and the statutes and h statement shall include contact inface owner to obtain copies from the	equired pursuant to this are to: (1) The surface owner ant to section thirty-six, are ty tax records. The notice rules related to oil and gas formation, including the ad-	icle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
Notice is hereb	y provided to:	200000		Office Of Oil and Gas	
■ SURFACE	E OWNER(s)	■ COAL	OWNER OR LES	SSEE Of Oil and Gas	
Name: Constance	Taylor	Name: Cons	solidation Coal Company	Attn: Casey Saungars G 1 5 2023	
Address: 807 Joh	nnson Street	Address: 1	000 Consol Energy Dr	5 2023	
New Martinsville, WV	26155		Canonsburg, PA 15317  Environmental Protocol		
Name:				WV Department of Environmental Protection	
Address:			RAL OWNER(s)	Stoction	
-		Name: Tam	my Kemnetz		
			908 Riverview Drive		
Address:		Wausau, WI 54			
		*please attach	additional forms if neo	cessary	
			17		
Notice is here	eby given:		1		
		ice is hereby given that the	e undersigned well	operator is planning entry to conduct	
	the tract of land as follows:	Annroy Latit	ide & Longitude:	39.65465, -80.679341	
-	West Virginia	Public Road A	The second secon	Brock Ridge Road	
	Vetzel Proctor	Watershed:	.00033.	Little Fishing Creek	
		Generally used	farm name	Constance Taylor	
Quadrangle: v	Vileyville	Generally used	i laim name.	Constance rayion	
may be obtained Charleston, WV	ate Erosion and Sediment Control Nd from the Secretary, at the WV Dey 25304 (304-926-0450). Copies of the Secretary by visiting				

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 <a href="mailto:deprivacyofficer@wv.gov">deprivacyofficer@wv.gov</a>.

WW-6A3 (1/12)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Re	equirement: Notice shall be provided a	at least SEVEN (7) days but no more that	an FORTY-FIVE (45) days prior to		
entry	9/22/2022 Date of Planned	F-+ 9/29/2022			
Date of Notice:	Date of Flammed	Entry.			
Delivery metho	od pursuant to West Virginia Code §	22-6A-10a			
☐ PERSONA	AL REGISTERED	METHOD OF DELIVERY THAT R	EQUIRES A		
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIL			
on to the surface but no more that beneath such tra owner of minera and Sediment C Secretary, which	e tract to conduct any plat surveys require forty-five days prior to such entry to: act that has filed a declaration pursuant als underlying such tract in the county to ontrol Manual and the statutes and rule in statement shall include contact informace owner to obtain copies from the second	o filing a permit application, the operato ired pursuant to this article. Such notice (1) The surface owner of such tract; (2) to section thirty-six, article six, chapter tax records. The notice shall include a stax related to oil and gas exploration and paration, including the address for a web pretary.	shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the		
		COAL OWNER OR L	COCE		
	OWNER(s)	Name: Janie Currier	Office RECEIVED  Office of Oil and Ga.		
Name:		Address: 819 Stanford Ave	——————————————————————————————————————		
Address.		Elyria, OH 44035	Address: 819 Stanford Ave  Elyria, OH 44035  AUG 15 2023  MINERAL OWNER(s)		
Name:			706 1 5 2022		
Address:		MINERAL OWNER(s)	MINERAL OWNER(s)  Name: Debra Keessee  Address: 4544 Columbia Street # 1211		
		Name: Debra Keessee	Environmental Protection		
Name:		Address: 4544 Columbia Street # 1	211 Totection		
Address:		Virginia Beach, VA 23462 *please attach additional forms if n			
-		prease attach additional forms in h	coossary		
a plat survey on State:   County:   District:   P	by given: st Virginia Code § 22-6A-10(a), notice the tract of land as follows: Vest Virginia Vetzel Proctor Vileyville	is hereby given that the undersigned we  Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:			
Quadrangiew	vieyviie	Generally used rain name.	Consumer (c)(c)		
may be obtained Charleston, WV obtained from the	d from the Secretary, at the WV Depart 25304 (304-926-0450). Copies of su the Secretary by visiting <a href="www.dep.wv.g">www.dep.wv.g</a>	nual and the statutes and rules related to of the total three total end of the total end of	quarters, located at 601 57th Street, SE,		
Notice is here		Address: 1300 Fort Pierpont Dr.	Cuite 204		
	SWN PRODUCTION COMPANY, LLC				
Telephone:	304-884-1610	Facsimile: 304-884-1690	JO		
Email:	Brittany_Woody@swn.com	Facsimile: 304-884-1690			

### 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.

Operator Well No. Constance Taylor WTZ

that we many then EODTY EIVE (45) days prior to

WW-6A3 (1/12)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Re	quirement: Notice shall be provided	at least SEVEIN (7) days but no more	than FORT 1-FIVE (45) days prior to
Date of Notice:	9/22/2022 Date of Planned	Entry: 9/29/2022	
Delivery metho	d pursuant to West Virginia Code §	22-6A-10a	
☐ PERSONA	L REGISTERED [	METHOD OF DELIVERY THAT	requires a
SERVICE	MAIL	RECEIPT OR SIGNATURE CON	FIRMATION
on to the surface but no more than beneath such tra- owner of minera and Sediment Co Secretary, which enable the surface	tract to conduct any plat surveys require forty-five days prior to such entry to: ot that has filed a declaration pursuant als underlying such tract in the county control Manual and the statutes and rule a statement shall include contact infortice owner to obtain copies from the sec	lired pursuant to this article. Such not (1) The surface owner of such tract; to section thirty-six, article six, chaptax records. The notice shall include as related to oil and gas exploration and the address for a wear and the second of t	rator shall provide notice of planned entry ice shall be provided at least seven days (2) to any owner or lessee of coal seams ter twenty-two of this code; and (3) any a statement that copies of the state Erosion and production may be obtained from the beb page on the Secretary's web site, to
Notice is hereby		COAL OWNER OR	O I ECCEE
	OWNER(s)		CLESSEE  Office RECEIVED  of Oil and Gas
Name:		Name: Terry Dunham Address: 404 University Ave	
		Elyria, OH 44305	AUG 15 2023
		Lifting, etc. 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.00 -
Λ ddress:		MINERAL OWNER	$R(s)$ $\sim WV$
		Name: MM- Marcellus- HBP 1,	LP Environment
		Address: PO Box 10886	R(s) WV Department of Environmental Protection
		Midland, TX 79702	
RECEIPT COLUMN TO THE PARTY OF		*please attach additional forms	if necessary
Notice is here Pursuant to Wes	by given: st Virginia Code § 22-6A-10(a), notice the tract of land as follows:	is hereby given that the undersigned	well operator is planning entry to conduct
	Vest Virginia	Approx. Latitude & Longitu	ide: 39.65465, -80.679341
County: W	Vetzel	Public Road Access:	Brock Ridge Road
District: P	Proctor	Watershed:	Little Fishing Creek
Quadrangle: w	vileyville	Generally used farm name:	Constance Taylor
may be obtained Charleston, WV	I from the Secretary, at the WV Depart 25304 (304-926-0450). Copies of sum Secretary by visiting <a href="https://www.dep.wv">www.dep.wv</a>	tment of Environmental Protection he ich documents or additional informat	to oil and gas exploration and production eadquarters, located at 601 57 <sup>th</sup> Street, SE, ion related to horizontal drilling may be
	SWN PRODUCTION COMPANY, LLC	Address: 1300 Fort Pierpoi	nt Dr., Suite 201
Telephone:	304-884-1610	Morgantown, WV	
Email:	Brittany_Woody@swn.com	Facsimile: 304-884-1690	
Lillaii.	Britary_vvoody@swn.com		

Oil and Gas Privacy Notice:

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WW-6A3 (1/12) Operator Well No. Constance Taylor WTZ

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Dequipment. Notice shall be provided at least SEVEN (7) days but no more than EODTV EIVE (45) days prior to

entry Date of Notice: 9/22/2022	Parameter (1995) - 1995 - 199			ii PORT 1-PTVE (45) days prior to
Delivery method pursuant	to West Virginia Code §	22-6A-10a		
PERSONAL SERVICE	REGISTERED MAIL	METHOD OF DEL RECEIPT OR SIGN		
on to the surface tract to conbut no more than forty-five of beneath such tract that has frowner of minerals underlyin and Sediment Control Manu Secretary, which statement senable the surface owner to be	duct any plat surveys requidays prior to such entry to: iled a declaration pursuant ag such tract in the county to all and the statutes and rule shall include contact informobtain copies from the secre	ired pursuant to this ar (1) The surface owner to section thirty-six, ar ax records. The notice is related to oil and gas nation, including the ac-	ticle. Such notice s of such tract; (2) to ticle six, chapter to e shall include a sta exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is hereby provided to				
☐ SURFACE OWNER(s)		■ COAL	OWNER OR LE	SSEE
Name:		Name: Don	na Blake	
Address:			118 Gilbert Avenue	
/ <u></u>		Follansbee, W	V 26037	Office RECEIVED  AUG T
Name:		<b>-</b>		AUG 15 2023
Address:			RAL OWNER(s)	Alley
		Name: Don	na Blake	
			118 Gilbert Ave	ENV Den
Address:		Follansbee, W		TWIFOnmental Set Of
		*please attach	additional forms if ne	Environmental Protection
X				
Notice is hereby given:	(-1-000 (A 10(-)	!- 11		Language and the conduct
		is nereby given that the	e undersigned wen	operator is planning entry to conduct
a plat survey on the tract of I State: West Virginia	land as follows:	Approx I atit	ide & Longitude:	39.65465, -80.679341
County: Wetzel		Public Road A		Brock Ridge Road
		Watershed:	iccess.	Little Fishing Creek
		Generally used	d form name:	Constance Taylor
Quadrangle: Wileyville		Generally used	d faith haine.	Constance Taylor
may be obtained from the Se	ecretary, at the WV Departs 4-926-0450). Copies of suc	ment of Environmental ch documents or additi	I Protection headque onal information re	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, elated to horizontal drilling may be
Notice is hereby given by	···			
	•	Address:	4200 F-4 F' 1 F	Cuita 201
•	CTION COMPANY, LLC	Address:	1300 Fort Pierpont Dr.,	
Telephone: 304-884-1610		~	Morgantown, WV 26508	\$
Email: Brittany_Woody	/@swn.com	Facsimile:	304-884-1690	
011 10 51				

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WW-6A3 (1/12)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry  Date of Notice: 9/22/			nan FORTY-FIVE (45) days prior to
	2022 Date of Blann	ed Entry: 9/29/2022	
Date of Notice.	Date of Fianni	ed Entry. Statement	
Delivery method pu	ursuant to West Virginia Cod	e § 22-6A-10a	
☐ PERSONAL	■ REGISTERED	☐ METHOD OF DELIVERY THAT I	REQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONF	
on to the surface trace but no more than for beneath such tract the owner of minerals un and Sediment Control Secretary, which state enable the surface of	et to conduct any plat surveys re- ty-five days prior to such entry lat has filed a declaration pursu- nderlying such tract in the coun- of Manual and the statutes and te- tement shall include contact informer to obtain copies from the	or to filing a permit application, the operate equired pursuant to this article. Such notice to: (1) The surface owner of such tract; (2) ant to section thirty-six, article six, chapter to tax records. The notice shall include a rules related to oil and gas exploration and formation, including the address for a web secretary.	e shall be provided at least seven days 2) to any owner or lessee of coal seams r twenty-two of this code; and (3) any statement that copies of the state Erosion I production may be obtained from the
Notice is hereby pr		COAL OWNER OR I	ECCEE
☐ SURFACE OW		CONE O WINDING	LESSEE
Name:		Name: Charles Dunham III Address: 1012 Shore Line Drive	
		La Grange, KY 40031	s)  Office RECEIVED Oil and Gas
Name:			Office RECEIVE
Address:		☐ MINERAL OWNER(	s) Of Oil and
		Name:	AUG 15 2023
Name:		Address:	5 2022
Address:			Environ Departs
		*please attach additional forms if	Environmental Protection
a plat survey on the	rginia Code § 22-6A-10(a), not tract of land as follows:	tice is hereby given that the undersigned w	rell operator is planning entry to conduct
State: West V		Approx. Latitude & Longitude Public Road Access:	Brock Ridge Road
County: Wetzel		Waterched:	Little Fishing Creek
District: Proctor  Quadrangle: Wileyvi		Generally used farm name:	Constance Taylor
Quadrangle. vileyvi	ine .	Conorany asea rain names	
may be obtained fro Charleston, WV 25 obtained from the S	om the Secretary, at the WV De 304 (304-926-0450). Copies of ecretary by visiting <a href="https://www.dep.vgiven.by">www.dep.vgiven.by</a> :	Manual and the statutes and rules related to partment of Environmental Protection hea of such documents or additional information wv.gov/oil-and-gas/pages/default.aspx.	dquarters, located at 601 57 <sup>th</sup> Street, SE, n related to horizontal drilling may be
Notice is hereby	IN PRODUCTION COMPANY LLC	Address: 1300 Fort Pierpont I	Dr., Suite 201
Well Operator: sw	N PRODUCTION COMPANY, LLC	Address: 1300 Fort Pierpont I	
Well Operator: sw Telephone: 304	/N PRODUCTION COMPANY, LLC I-884-1610 tany_Woody@swn.com	Address: 1300 Fort Pierpont I  Morgantown, WV 26  Facsimile: 304-884-1690	

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Operator Well No. Constance Taylor WTZ

WW-6A3 (1/12)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	Requirement	: Notice shall be provi	ded at least SEVEN (/) day	ys but no more that	n FORTY-FIVE (45) days prior to		
entry Date of Notic	e: 9/22/2022	Date of Plan	ned Entry: 9/29/2022				
Delivery met	hod pursuant	to West Virginia Co	de § 22-6A-10a				
☐ PERSO	ONAL REGISTERED METHOD OF DELIVERY THAT REQUIRES A						
SERVIC	E	MAIL	RECEIPT OR SIGN	IATURE CONFIR	MATION		
on to the surfi- but no more to beneath such owner of min and Sediment Secretary, whenable the sur	ace tract to cor han forty-five tract that has f erals underlyin Control Manu ich statement	nduct any plat surveys days prior to such ent iled a declaration pursing such tract in the column and the statutes and shall include contact i obtain copies from the	required pursuant to this are to to: (1) The surface owner to until to section thirty-six, and the tax records. The notice of rules related to oil and gas information, including the accordance.	ticle. Such notice s of such tract; (2) to ticle six, chapter to e shall include a sta e exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
	CE OWNER(s)		■ COA	L OWNER OR LE	CCEE		
					AUG 15 20		
Name:					Office RECEN		
			Livinostana T	Address: 232 Rainbow Dr  Livingstone, TX 77399  MINERAL OWNER(s)  Name: Joany Sauro, A/K/A Joan Sauro			
					AUG y Gas		
				ERAL OWNER(s)	ro  Environmental Protection  cessary		
			Name: Joa	ny Sauro, A/K/A Joan Sau	to Environt Depart		
Name:				232 Rainbor Dr.	Mental ment es		
Address:			Livingston, TX		Totalian		
			*please attac	h additional forms if ne	cessary		
	lest Virginia C	Code § 22-6A-10(a), n land as follows:		ude & Longitude:	l operator is planning entry to conduct  39.65465, -80.679341  Brock Ridge Road		
District:	Proctor		Watershed:		Little Fishing Creek		
	Wileyville	· · · · · · · · · · · · · · · · · · ·	Generally use	d farm name:	Constance Taylor		
may be obtain Charleston, V obtained fron	ned from the S VV 25304 (30	ecretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u>	epartment of Environmenta	Il Protection headqi ional information r	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be		
Well Operato		CTION COMPANY, LLC	Address:	1300 Fort Pierpont Dr.,	Suite 201		
Telephone:							
•	304-884-1610			Morgantown, WV 26508	5		
Email:	304-884-1610 Brittany_Wood	<del>n - waayay to dawaa waxa</del> faasan - daaba - <del>xaa</del>	Facsimile:	304-884-1690	0		

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Operator Well No. Constance Taylor WTZ

WW-6A3 (1/12)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry	quirement: Notice shall be provided at 9/22/2022		nan FORT 1-FIVE (45) days prior to
Delivery method	d pursuant to West Virginia Code § 2	2-6A-10a	
□ PERSONA SERVICE	L REGISTERED MAIL	METHOD OF DELIVERY THAT RECEIPT OR SIGNATURE CONF	
on to the surface but no more than beneath such trac owner of minera and Sediment Co Secretary, which enable the surface	tract to conduct any plat surveys require forty-five days prior to such entry to: (et that has filed a declaration pursuant to Is underlying such tract in the county ta entrol Manual and the statutes and rules a statement shall include contact informate owner to obtain copies from the secre	ed pursuant to this article. Such notice 1) The surface owner of such tract; (2) section thirty-six, article six, chapte x records. The notice shall include a related to oil and gas exploration and ation, including the address for a web	2) to any owner or lessee of coal seams or twenty-two of this code; and (3) any statement that copies of the state Erosion of production may be obtained from the
Notice is hereby	provided to:		
SURFACE	OWNER(s)	COAL OWNER OR	LESSEE  Office RECEIVED  OI Oil and Gas  AUG 15 2023  Environments
Name:		Name: Leonard Dunham	Office HECEIVED
Address:		Address: 419 Edgewood Ave	and C
was a second sec		Moundsville, WV 26041	AUG Tas
Name:		U roman i onnien	(s) Environmental Protection
Address:		☐ MINERAL OWNER	(S) Environ Depart
		Name:	mental D
Name:		Address:	
Address:			
		*please attach additional forms i	f necessary
	_		
Notice is herel	by given:	I I i dotthood or	well appretor is planning entry to conduct
		s hereby given that the undersigned v	vell operator is planning entry to conduct
	the tract of land as follows:	Approx. Latitude & Longitud	e: 39.65465, -80.679341
-	/est Virginia	Public Road Access:	Brock Ridge Road
	/etzel	Watershed:	Little Fishing Creek
_	roctor	Generally used farm name:	Constance Taylor
Quadrangle: w	rileyville	Generally used farin name.	Constance rayion
may be obtained Charleston, WV	ate Erosion and Sediment Control Manual from the Secretary, at the WV Departm 25304 (304-926-0450). Copies of such e Secretary by visiting <a href="https://www.dep.wv.go.ne">www.dep.wv.go.ne</a>	nent of Environmental Protection hea h documents or additional informatio	o oil and gas exploration and production adquarters, located at 601 57 <sup>th</sup> Street, SE, on related to horizontal drilling may be
Notice is here	by given by:		
Well Operator:	SWN PRODUCTION COMPANY, LLC	Address: 1300 Fort Pierpont	Dr., Suite 201
Telephone:	304-884-1610	Morgantown, WV 2	6508
Email:	Brittany Woody@swn.com	Facsimile: 304-884-1690	
01 10 7	NT-4		

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WW-6A4 (1/12)

# STATE OF WEST VIRGINIA 4710303333 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 Re Date of Notice:	quirement: Notice shall be provided at lea 06/29/2023	st TEN (10) days prior to filing a p Application Filed: 8/15/202	ermit application.				
Delivery metho	d pursuant to West Virginia Code § 22-6	A-16(b)					
☐ HAND DELIVER	CERTIFIED MAIL RETURN RECEIPT REQUESTED						
receipt requested drilling a horizon of this subsection subsection may and if available,	Va. Code § 22-6A-16(b), at least ten days p d or hand delivery, give the surface owner intal well: <i>Provided</i> , That notice given pur n as of the date the notice was provided to be waived in writing by the surface owner. facsimile number and electronic mail address.	notice of its intent to enter upon the suant to subsection (a), section ten the surface owner: <i>Provided, howe</i> . The notice, if required, shall incluses of the operator and the operator	e surface owner's land for the purpose of of this article satisfies the requirements ever, That the notice requirements of this de the name, address, telephone number,				
Notice is here Name: Constance	by provided to the SURFACE OWN	EK(S):					
Address: 807 Joh			Name:Address:				
New Martinsville, W							
the surface own State:  County:  District:  Quadrangle:	st Virginia Code § 22-6A-16(b), notice is her's land for the purpose of drilling a horizovest Virginia  Vetzel  Proctor  Wileyville, WV  Upper Ohio South	ontal well on the tract of land as fol UTM NAD 83 Easting: Northing:	lows: Office of Oil and Gas 4,389,455.94 UC 1  Brock Ridge Road 2023  Constanting Paylole partment of Protection				
facsimile numb	hall Include: est Virginia Code § 22-6A-16(b), this no eer and electronic mail address of the ope ontal drilling may be obtained from the So 7 <sup>th</sup> Street, SE, Charleston, WV 25304 (304	rator and the operator's authorize ecretary, at the WV Department of	ess, telephone number, and if available, d representative. Additional information Environmental Protection headquarters,				
Notice is here	eby given by:						
Well Operator: SWN Production Company, LLC		Authorized Representative:	Justin Booth				
Address:	1300 Fort Pierpont Dr., Suite 201	Address:	1300 Fort Pierpont Dr., Suite 201				
	Morgantown, WV 26508		Morgantown, WV 26508				
Telephone:	304-884-1675	Telephone:	304-884-1675				
Email:	Justin_Booth@swn.com	Email:	Justin_Booth@swn.com				
Facsimile:		Facsimile:					

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WW-6A5 (1/12)

Operator Well No.  $\frac{\text{Constance Taylor WTZ 10H}}{3609}$ 

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

Notice Time I Date of Notic	Requirement: notice shall be provided no late:  Output  Date Permit Appli  Description:		8/15/2023	application.	
Delivery metl	nod pursuant to West Virginia Code § 22-6	6A-16(c)			
CERTIF	FIED MAIL HA	AND			
		ELIVERY			
return receipt the planned of required to be drilling of a hadamages to the (d) The notice of notice.	V. Va. Code § 22-6A-16(c), no later than the requested or hand delivery, give the surface peration. The notice required by this subsequence provided by subsection (b), section ten of the norizontal well; and (3) A proposed surface e surface affected by oil and gas operations to be required by this section shall be given to the support of the surface affected to the SURFACE OWNER(s).	owner whose land ection shall included is article to a surfaction use and compens to the extent the date surface owner as	will be used fo de: (1) A copy ace owner whose ation agreement mages are comp	r the drilling of a horizontal well notice of of this code section; (2) The information e land will be used in conjunction with the t containing an offer of compensation for pensable under article six-b of this chapter.	
	is listed in the records of the sheriff at the time				
Name: Constant		Name:			
Address: 807 J	ohnson St.	Address	Address:		
New Martisnville,	WV 26155				
operation on State: County: District: Quadrangle:	Vest Virginia Code § 22-6A-16(c), notice is h the surface owner's land for the purpose of d West Virginia Wetzel Proctor Wileyville, WV	rilling a horizonta  UTM NAD 8  Public Road  Generally use	l well on the tra Easting: Northing: Access: ed farm name:	ct of land as follows:  527,524.33  4,389,455.94  Brock Ridge Road  Constance Taylor 15 2022	
to be provide horizontal we surface affect information r	Shall Include:  Vest Virginia Code § 22-6A-16(c), this notice of by W. Va. Code § 22-6A-10(b) to a surface use and completed by oil and gas operations to the extent the least of the horizontal drilling may be obtained located at 601 57th Street, SE, Charlest Sault.aspx.	face owner whose bensation agreeme the damages are contact and from the Secret	e land will be unt containing arompensable und tary, at the WV	ased in conjunction with the drilling of a n offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection	
Well Operato	or: SWN Production Company, LLC	Address:	1300 Fort Pierpont I	Dr., Suite 201	
Telephone:	304-884-1675		Morgantown, WV 26	6508	
Email:	Justin_Booth@swn.com	Facsimile:			

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# WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Gregory L. Bailey, P.E. Interim State Highway Engineer 1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

July 31, 2023

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 Constance Taylor Pad, Wetzel County

Constance Taylor WTZ 10H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2016-0385 which has been issued to Southwestern Energy for access to the State Road for a well site located off Wetzel County Route 1/15 SLS MP 3.29.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE 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 March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter. Office RECEIVED of Oil and Gas

Very Truly Yours,

Gary K. Clayton, P.E.

Regional Operations Engineer Central Office O&G Coordinator

Cc: Brittany Woody

Southweastern Energy

CH, OM, D-6

File

WW-6A7 (6-12)WELL NO: Constance Taylor WTZ 10H OPERATOR: SWN Production Co., LLC PAD NAME: Constance Taylor WTZ REVIEWED BY: WELL RESTRICTIONS CHECKLIST HORIZONTAL 6A WELL \*Pad Built 12/15/14 Well Restrictions At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR **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; OR **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; OR **DEP Waiver and Permit Conditions** At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Allow and Gas Surface Owner Waiver and Recorded with County Clerk, OR Wy Department of Environmental protection **DEP Variance and Permit Conditions** At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR 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; OR Surface Owner Waiver and Recorded with County Clerk, OR

**DEP Variance and Permit Conditions** 

CALL BEFORE
YOUDIC!

NO JAS 4848

AT LEAST 48 HOURS, BUT NOT MORE THAN 10 MORRINGE DAYS (EXCLUDING WEEKENDS AND HOLDAYS), PRIOR TO TO STARTING MY EARTH OSTUBBANCE ACTIVATES, ALL CONTRACT MORS UTLIFFO OF MEST VIRGINIA AT B11 OR 1–800–245–4848.

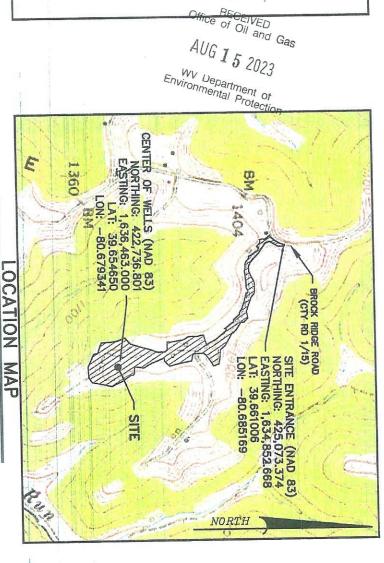
PROJECT -

PENNSYLVANIA

MARYLAND

# ANCE TAYLOR V

# CONSTANCE TAYLOR WTZ PAI PROCTOR DISTRICT, WETZEL COUNTY, WY



151.1 TS1.1 TS1.1

COVER SHEET

CONSTANCE TAYLOR WTZ PAD

PROCTOR DISTRICT

Southwestern Energy®

TS1.1 EP2.1 EP2.2 AS3.1 AS3.2 AS3.3 CRA4.1 CRA4.2 MRP5.1 MRP5.2

> AS-BUILT SITE PLAN AS-BUILT SITE PLAN

COVER SHEET
EVACUATION ROUTE/PREVAILING WINDS
EVACUATION ROUTE/PREVAILING WINDS

TOTAL DISTURBED AREA: 18.72 ACRES ROAD DISTURBED AREA: 9.73 ACRES PAD DISTURBED ACRES: 8.99 ACRES

SCALE - 1"=1000

ACCESS ROAD LENGTH: 3,250'
ACCESS ROAD AVERAGE WIDTH: VARIES
WELL PAD ELEVATION: 1430.20

API

NUMBERS

API NUMBER 103-03149 103-03150

CELLAR DIAMETER 8 FT 8 FT

BEPTER 8 FT

CELLAR
MATERIAL
CMP
CMP

DRAWINGS

ACCESS ROAD PROFILES
PAD CROSS SECTIONS
RECLAMATION PLAN
RECLAMATION PLAN
RECLAMATION PLAN

. DETAILS . DETAILS KENTUCKY

MERCE

VIRGINIA

COUNTY

MAP

N.T.S.

OPERATOR
SWN PRODUCTION CO., LLC
P.O. BOX 1300
JANE LEW, WY 26378
(832) 796—1610

WETZEL COUNTY, WY



RETTEW Associates, Inc. One Robinson Plaza, 6600 Steubenville Pike, Suite 200, Pittsburgh, PA 15205 Phone (412) 446–1728 · Fax (412) 446–1733

gineers · Planners · Surveyors · Landscape Ar

DRAWN BY: JMS
DATE: 12/08/2016
SCALE: AS SHOWN
DWG. NO. 087569006

