



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, April 15, 2024
WELL WORK PERMIT
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359

SPRING, TX 773914954

Re: Permit approval for Riter WTZ 1H
47-103-03643-00-00

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.

James A. Martin
Chief

Operator's Well Number: Riter WTZ 1H
Farm Name: Harry Riter Jr. & Violet R Menas
U.S. WELL NUMBER: 47-103-03643-00-00
Horizontal 6A New Drill
Date Issued: 4/15/2024

Promoting a healthy environment.

04/19/2024

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.

04/19/2024

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

1) Well Operator: SWN Production Co., LLC 494512924 103-Wetzel 1-Center 468-Littleton
Operator ID County District Quadrangle

2) Operator's Well Number: Riter WTZ 1H Well Pad Name: Riter WTZ pad

3) Farm Name/Surface Owner: Harry Riter, Jr. & Violet R. Menas Public Road Access: C.R. 8

4) Elevation, current ground: 1409' Elevation, proposed post-construction: 1408'

5) Well Type (a) Gas ☒ Oil ☐ Underground Storage ☐
Other ☐

(b) If Gas Shallow ☒ Deep ☐
Horizontal ☒

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target Formation- Marcellus, Up-Dip well to the North, Target Top TVD-7584', Target Base TVD- 7627', Anticipated Thickness- 43', Associated Pressure- 4958

8) Proposed Total Vertical Depth: 7609'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 32,591'

11) Proposed Horizontal Leg Length: 23,760.3'

12) Approximate Fresh Water Strata Depths: 417'

13) Method to Determine Fresh Water Depths: Nearby well- Vernon Johnson WTZ 10H API 47-103-02714

14) Approximate Saltwater Depths: 1898'- Salinity Profile

15) Approximate Coal Seam Depths: 1281'

16) Approximate Depth to Possible Void (coal mine, karst, other): None that we are aware of.

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

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

RECEIVED
Office of Oil and Gas
MAR 13 2024
WV Department of
Environmental Protection

WW-6B
(04/15)

API NO. 47- 103 - 03643
OPERATOR WELL NO. Riter WTZ 1H
Well Pad Name: Riter WTZ pad

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	136'	136' /	CTS /
Fresh Water	13 3/8"	New	J-55	54.4#	467'	467' /	533 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	2913'	2913' /	1187 sx/CTS
Production	5 1/2"	New	P-110 HP	20#	32591'	32591' /	Tail 6028sx/ 100' inside Intermediate
Tubing							
Liners							

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"	0.330	1730	633	Class A	1.20/30% Excess
Coal	See	Interm	Casing				
Intermediate	9 5/8"	12 1/4"	0.352	3520	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/10-15% Excess
Tubing							
Liners							

PACKERS

RECEIVED
Office of Oil and Gas

Kind:				MAR 13 2024
Sizes:				WV Department of Environmental Protection
Depths Set:				

WW-6B
(10/14)

4710303643
API NO. 47- 103 -
OPERATOR WELL NO. Riter WTZ 1H
Well Pad Name: Riter WTZ pad

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): 30

22) Area to be disturbed for well pad only, less access road (acres): 12.59

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:

See Attachment ***

RECEIVED
Office of Oil and Gas

MAR 13 2024

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.

4710303643

WW-9
(4/16)

API Number 47 - 103 -

Operator's Well No. Riter WTZ 1H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name SWN Production Co., LLC OP Code 494512924Watershed (HUC 10) Upper Ohio- Wheeling Quadrangle LittletonDo you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☒ No ☐Will a pit be used? Yes ☐ No ☒

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☒ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application
- ☒ Underground Injection (UIC Permit Number Various Approved Facilities)
- ☒ Reuse (at API Number At the next anticipated well)
- ☐ Off Site Disposal (Supply form WW-9 for disposal location)
- ☒ Other (Explain recovery and solidification on site)

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

Will closed loop system be used? If so, describe: Yes- See Attachment 3ADrilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air drill to KOP, fluid drill with SOBM from KOP to TD-If oil based, what type? Synthetic, petroleum, etc. Synthetic Oil BaseAdditives to be used in drilling medium? Attachment 3BDrill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? Meadowfill SWF- 1032, Short Creek SWF-1034, Carbon Limestone MSWL018781, Wetzel County 1021Apex Sanitary Landfill U6-U8438, Brooke Co SWF-1013, FMS 353100

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Brittany WoodyCompany Official (Typed Name) Brittany WoodyCompany Official Title Staff Regulatory SpecialistSubscribed and sworn before me this 8 day of February, 2024

Elizabeth Blankenship Notary Public

My commission expires 6/23/2024



4710303643

Form WW-9

Operator's Well No. Riter WTZ 1HSWN Production Co., LLCProposed Revegetation Treatment: Acres Disturbed 30 Prevegetation pH _____Lime as determined by pH test min.2 Tons/acre or to correct to pH 12.59Fertilizer type 10-20-20Fertilizer amount 600/500 lbs/acreMulch Hay/Straw Tons/acreSeed Mixtures**Temporary****Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

Attachment 3C

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Comments: Properly reclaim, seed, mulch all disturbed areas.RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental ProtectionTitle: Oil & Gas InspectorDate: 1-18-24Field Reviewed? ☐ Yes☒ No

04/19/2024

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN

4710303643



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

API NO. 47-XXX-XXXXX
WELL NAME: Riter WTZ 1H
Littleton QUAD
Center DISTRICT
WETZEL COUNTY, WEST VIRGINIA

Submitted by:

Name: Brittany Woody

Brittany Woody

Date: 12/19/2023

Title: Staff Regulatory Specialist

SWN Production Co., LLC

Approved by:

Name: _____

Date: _____

Title: _____

Approved by:

Name: *ME*

Date: 1-18-24

Title: *WV Oil & Gas Inspector*

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

SWN PRODUCTION COMPANY, LLC – CONFIDENTIAL

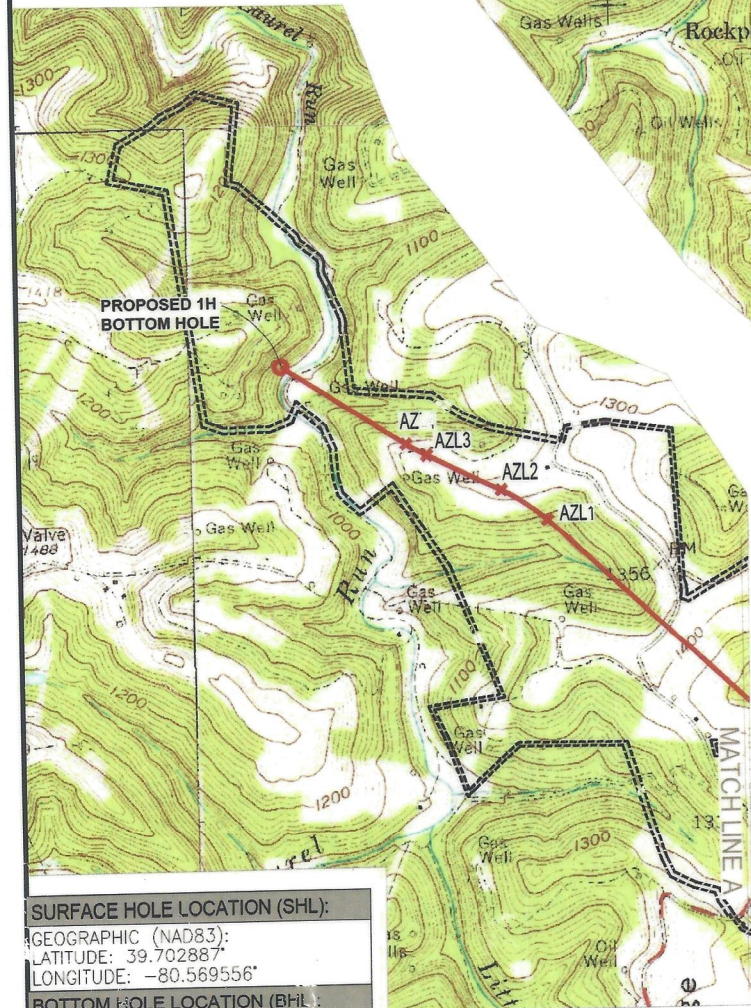
04/19/2024



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD.
BRIDGEPORT, WV 26330

MATCH LINE A

MARSHALL CO
WETZEL CO



SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.702887°
LONGITUDE: -80.569556°

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.743076°
LONGITUDE: -80.621586°

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED

WELL OPERATOR:

SWN PRODUCTION COMPANY, LLC

ADDRESS:

1300 FORT PIERPONT DRIVE, SUITE 201

SURFACE OWNER:

HARRY RITER, JR. & VIOLET R. MENAS

WELL (FARM) NAME:

RITER WTZ

WELL #

1H

SERIAL #

XXXX

COUNTY - CODE

WETZEL - 103

**DISTRICT;
CENTER**

USGS 7 1/2 QUADRANGLE MAP NAME

LITTLETON, WV-PA

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



2000 0 2000



GRAPHIC SCALE IN FEET

04/19/2024



SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,869.975
EASTING: 536,901.382

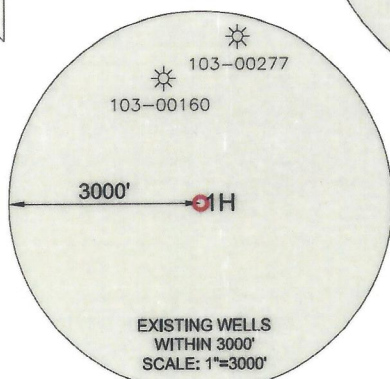
LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,597.819 1
EASTING: 537,779.031

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,399,310.286
EASTING: 532,422.066

GRID NORTH



WELL RESTRICTIONS

1. NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 100 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

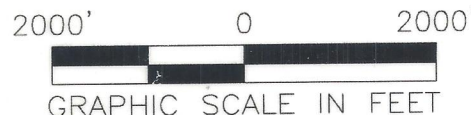
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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

P.S. 983

Michael R. Hyman

01-23-2024



COMPANY:

SWN
Production Company, LLC

SWN *R-V+*
Production Company™



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM
DEGREE OF
ACCURACY: 1/200

PROVEN SURVEY
SOURCE OF GRADE GPS
ELEVATION: (NAVD 88, US FT)

OPERATOR'S WELL #: **1H**
API WELL #: **47** **103** **D3643**
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒
WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1,409.0
DISTRICT: CENTER COUNTY: WETZEL QUADRANGLE: LITTLETON
SURFACE OWNER: HARRY RITER, JR. & VIOLET R. MENAS ACREAGE: ±63.55
OIL & GAS ROYALTY OWNER: CONSOL ENERGY ATTN: CASEY SAUNDERS ACREAGE: ±63.55
DRILL ☒ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐
CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,609 TMD 32,591 TMD

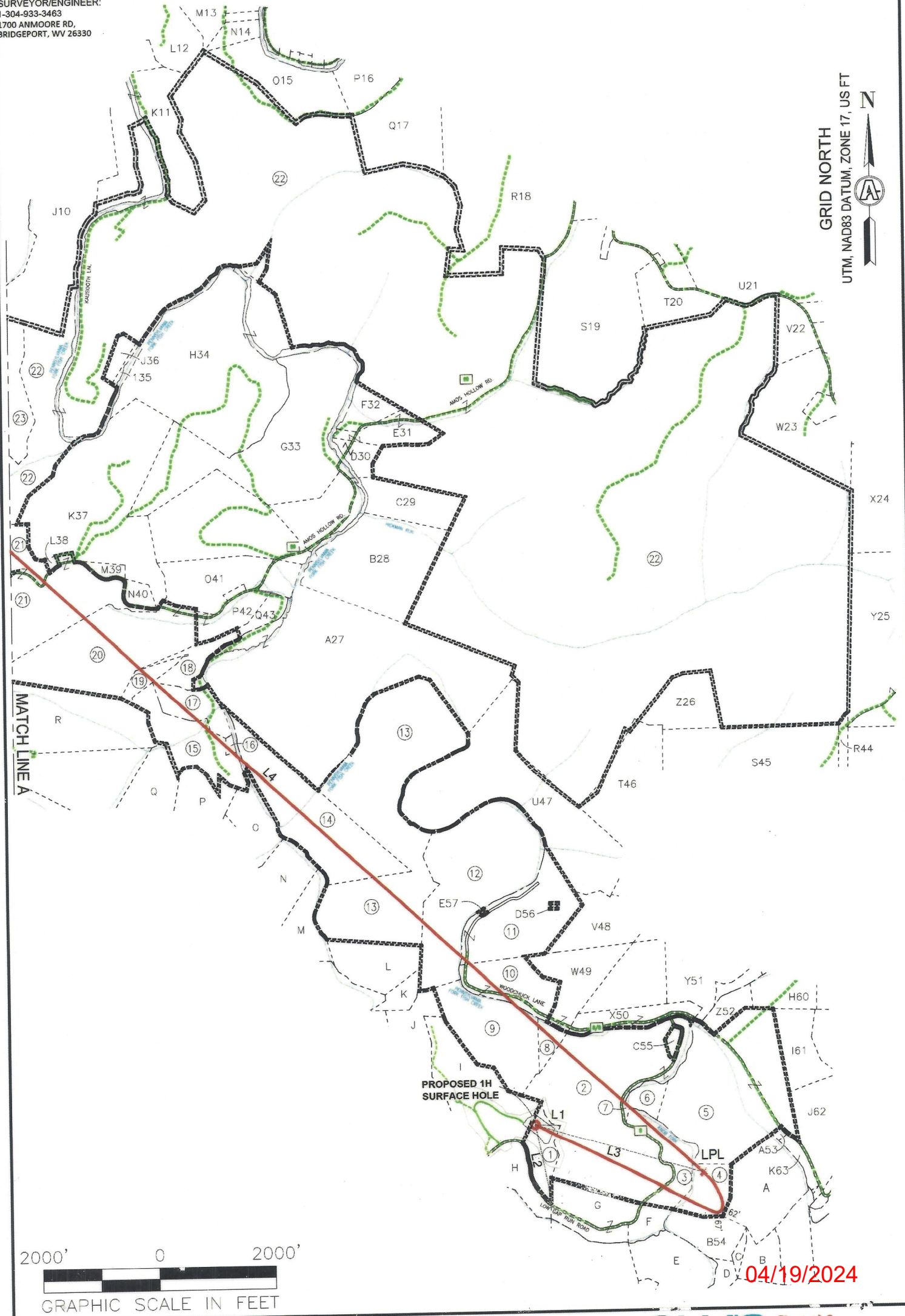
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: ☒ PROPOSED SURFACE HOLE / BOTTOM HOLE ☒ SURVEYED BOUNDARY
☒ EXISTING / PRODUCING WELLHEAD ☒ DRILLING UNIT
LPL* LANDING POINT LOCATION ☒ LEASE BOUNDARY
☒ EXISTING WATER WELL ☒ PROPOSED PATH
☒ EXISTING SPRING

REVISIONS: DATE: 01-23-2024
DRAWN BY: TMF
SCALE: 1" = 2000'
DRAWING NO: 2549
WELL LOCATION PLAT



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD.
BRIDGEPORT, WV 26330

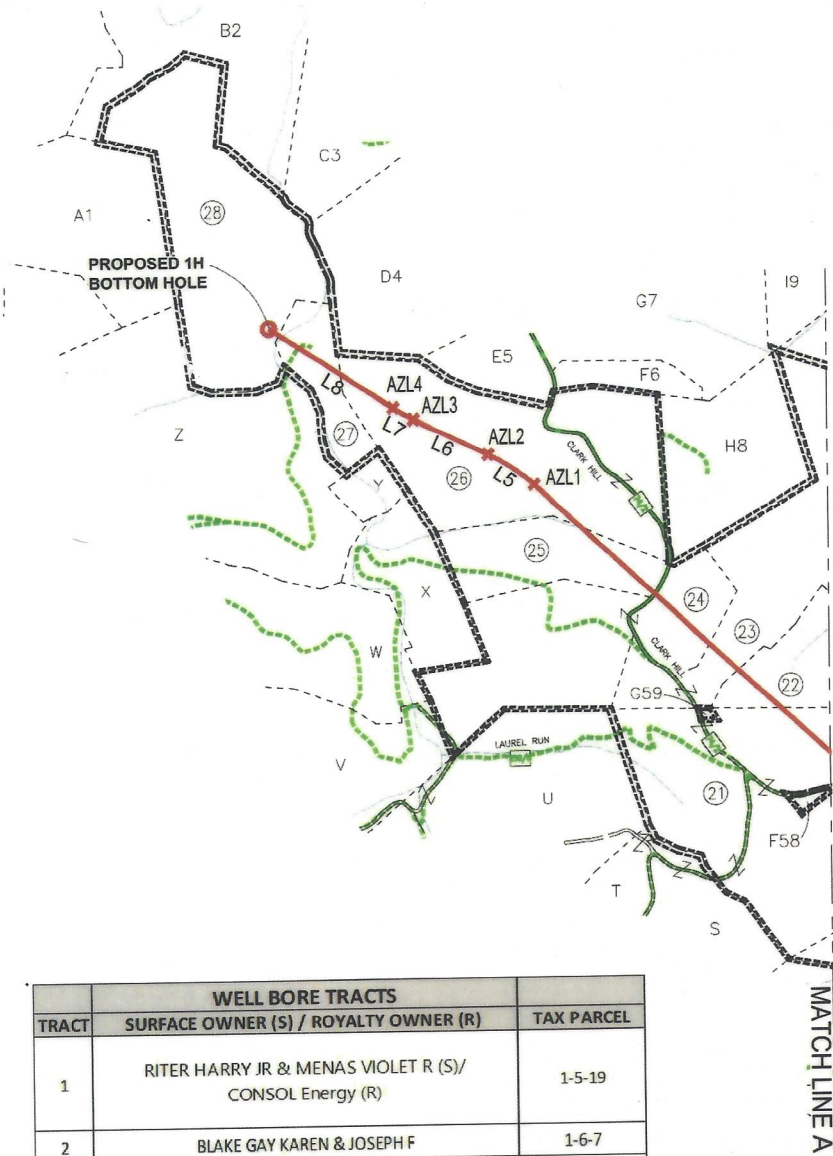


REVISIONS:		COMPANY:		DATE: 01-23-2024	
		SWN		DRAWN BY: TMF	
		Production Company, LLC		SCALE: 1"=2000'	
		OPERATOR'S		DRAWING NO: 2549	
		WELL #:		WELL LOCATION PLAT 2	
		DISTRICT:			
		CENTER			
		COUNTY:			
		WETZEL			
		STATE:			
		WV			
		RITER WTZ			
		1H			

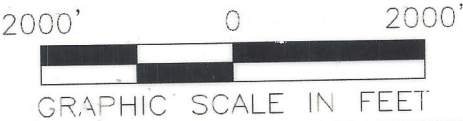


SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RITER HARRY JR & MENAS VIOLET R (S)/ CONSOL Energy (R)	1-5-19
2	BLAKE GAY KAREN & JOSEPH F	1-6-7
3	S&R INVESTMENTS	1-6-11
4	S&R INVESTMENTS	3-1-25
5	S&R INVESTMENTS	3-1-23
6	SHOWALTER THOMAS HRS	3-1-24
7	CONSOLIDATED GAS TRANS CORP	3-1-36
8	KOONTZ MICHAEL L KUHN SHAUN D	1-5-34
9	KOONTZ MICHAEL L KUHN SHAUN D	1-5-18
10	SEIDLER BRIAN	1-15-11
11	SEIDLER BRIAN	1-5-10
12	SEIDLER E DALE & NETTIE L	1-2-6.2
13	WV STATE COMMERCE BUREAU OF NAT RESOURCE DIVISION	1-2-6
14	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12
15	FERDA BRIAN T ET UX	7-27-15
16	FITZSIMMONS SCOTT M ET AL	7-27-14
17	FERDA BRIAN T ET UX	7-27-16
18	GEHO ANNIE L EST	7-27-21
19	W VA WILDLIFE RESOURCES	7-27-17
20	SCHANCK JOSEPH L	7-27-18
21	RIGGS JOHN E JR & DELANA	7-27-2
22	W VA WILDLIFE RESOURCES	7-24-1
23	MORGAN JAMES E - LIFE	7-26-14
24	MORGAN JAMES E - LIFE	7-28-4
25	MORGAN JAMES E - LIFE	7-28-3
26	HORNER JOHN M & TERESA L	7-19-36
27	HORNER JOHN M & TERESA L	7-19-33
28	MASON DIXON FARMS LLC	7-18-7



04/19/2024

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN *R-V+*
Production Company™

OPERATOR'S

RITER WTZ

WELL #:

1H

DISTRICT:
CENTER

COUNTY:
WETZEL

STATE:
WV

DATE: 01-23-2024

DRAWN BY: TMF

SCALE: 1"=2000'

DRAWING NO: 2549

WELL LOCATION PLAT 3



SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WAYNE CARMINT REALTY LLC	3-1-26
B	WAYNE CARMINT REALTY LLC	3-5-2
C	WAYNE CARMINT REALTY LLC	3-5-2.1
D	LIBERTY HOLDING CO	3-5-32.2
E	GREEN JOSEPH A JR GREEN CHRISTOPHER S	1-6-13
F	S&R INVESTMENTS	1-6-10
G	GORBY STEPHEN H & BETH ANN	1-5-30
H	RIKER HARRY JR MENAS VIOLET R	1-5-20
I	RIKER HARRY JR MENAS VIOLET R	1-5-17
J	KOONTZ MICHAEL L KUHN SHAUN D	1-5-17.1
K	BROWN NEIL A TRUST	1-5-9
L	WV STATE OF COMM BUREAU OF NATURAL RESOURCES DIVISION	1-5-9.1
M	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	1-2-9
N	RINE LARRY ETAL	1-2-8
O	FERDA BRIAN T	1-2-5.1
P	MCINTIRE STEPHEN ROSS	1-2-5
Q	FERDA BRIAN T & VI-EVA	1-2-4
R	WADE EDWARD E JR	7-27-20
S	MICELI VINCENZO ET UX	7-28-6
T	COX CHRISTOPHER & NIKKI	7-28-7
U	RICHMOND MATTHEW ALLAN	7-28-5
V	RICHMOND CARL R & EILENE R	7-28-13
W	HARLAN SCOTT L & SHAWN D	7-28-1
X	MASON DIXON FARMS LLC	7-28-2
Y	BLAIR M ZACHARY	7-19-35
Z	BLAIR M ZACHARY	7-18-9
A1	MASON DIXON FARMS LLC	7-18-8.1
B2	MASON DIXON FARMS LLC	7-18-6
C3	MASON DIXON FARMS LLC	7-19-1
D4	HORNER JOHN M & TERESA L	7-19-32
E5	CHAMBERS MARY L	7-19-31
F6	HORNER JOHN M & TERESA L	7-19-30.1
G7	HORNER DELORSE A - LIFE	7-19-30
H8	ROMACK VICTOR A	7-19-38
I9	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-29
J10	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-28
K11	FROMHART BRAD ET UX - LIFE	7-20-41
L12	UNDERDONK ALAN	7-16-25.1
M13	BURGE JUDITH A & VIRGINIA L BAILEY & SUELLEN MARLING - TOD	7-20-6
N14	GEHO ANNIE L EST	7-20-11
O15	BURLEY AMMON ET UX	7-20-12
P16	BURLEY AMMON	7-20-18
Q17	BURLEY AMMON A	7-20-24
R18	BURLEY AMON A	7-20-37
S19	GRESHAW JASON M & MARY L	7-25-2
T20	BROWN ANDREW C III	7-25-6
U21	HARRINGTON CLYDE F	7-25-7
V22	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	7-25-9
W23	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	7-25-12
X24	CONAWAY THOMAS E	7-23-1
Y25	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
Z26	WADE MICHAEL CLAY & MCCLELLAND LAWRENCE W TOD ET AL	7-24-6
A27	VELLEKOOP PETER B ET UX - TOD	7-27-13
B28	VELLEKOOP PETER B ET UX - TOD	7-27-11
C29	VELLEKOOP PETER B ET UX - TOD	7-27-10.1
D30	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
E31	VELLEKOOP PETER B ET UX - TOD	7-26-1.1
F32	GEDEN DANIEL D ET UX	7-26-6
G33	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
H34	CONSOLIDATED GAS SUPPLY CORP	7-26-8
*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.		

TRACT	SURFACE OWNER	TAX PARCEL
I35	BUTLER JOHN M & LISA A	7-26-11.1
J36	HUNDRED RESOURCES INC	7-26-11
K37	HORNER DELORSE A	7-26-10
L38	DEBOLD HOWARD L ET UX	7-27-2.2
M39	RIGGS JOHN E & DALENA	7-27-2.1
N40	RIGGS DALENA ET VIR	7-27-3.1
O41	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
P42	OCHSENBEIN RICHARD L	7-27-9
Q43	BURGE DELORES E ET AL	7-27-10
R44	LONG LONNY DAVID & LINDA SUE	1-3-2.1
S45	ABEREGG D W EST & ABEREGG WILLIAM D ETAL L/E ABEREGG DA	1-3-2
T46	WILLIAMS KATHERINE E TRUST	1-3-1
U47	SEIDLER EARL DALE & NETTIE	1-2-6.1
V48	BLACKROCK ENTERPRISES LLC	1-6-1
W49	SEIDLER BRIAN	1-6-3
X50	BERRY LAWRENCE C & DOROTHY J	1-6-8
Y51	MCGUFFIE ARCH	1-6-5
Z52	MILLER HARVEY	3-1-7
A53	WAYNE CARMINT REALTY LLC	3-1-27
B54	S&R INVESTMENTS	3-5-1
C55	CONSOLIDATED GAS TRANSMISSION CORPORATION	1-6-9
D56	UNKOWN	1-2-11
E57	SEIDLER E DALE & NETTIE L	1-5-10.1
F58	RIGGS JOHN E JR & DELANA	7-27-1
G59	WADE SAMUEL C - TOD	7-27-2.3
H60	MILLIKEN KEVIN R ETAL	3-1-8
I61	PHILLIPS JR CHARLES R	3-1-22
J62	WAYNE CARMINT REALTY LLC	3-1-29
K63	WAYNE CARMINT REALTY LLC	3-1-28
*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.		

04/19/2024

REVISIONS:	COMPANY:	DATE: 01-23-2024	
	SWN Production Company, LLC	DRAWN BY: TMF	
		SCALE: N/A	
	OPERATOR'S	DRAWING NO: 2549	
	WELL #:	WELL LOCATION PLAT 4	
	DISTRICT:	COUNTY:	STATE:
	CENTER	WETZEL	WV

WW-6A1
(5/13)

Operator's Well No. Riter WTZ 1H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Exhibit "A"				

*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.

*Horizontal well unit utilization - Subject to unitization filing with the West Virginia Oil and Gas Conservation Commission.

**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

RECEIVED
Office of Oil and Gas

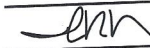
MAR 13 2024

WV Department of
Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: SWN Production Company, LLC

By:



Its:

Staff Landman

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

04/19/2024

Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
		Susan Ramsey Hughes Baizley, married dealing in her sole and separate property	SWN Production Company, LLC	17.000%	352A/724	
		Stephan A King, married dealing in his sole and separate property	SWN Production Company, LLC	18.000%	354A/016	
		Karl P King, married dealing in his sole and separate property	SWN Production Company, LLC	18.000%	354A/507	
		Brian J King, married dealing in his sole and separate property	SWN Production Company, LLC	18.000%	354A/501	
		Constance King Bird, married dealing in her sole and separate property.	SWN Production Company, LLC	18.000%	354A/945	
		Richard Lee Orndoff, married dealing in his sole and separate property	SWN Production Company, LLC	17.000%	357A/789	
		David Keith Orndoff, single	SWN Production Company, LLC	17.000%	355A/625	
		Carla J Farrell, single	SWN Production Company, LLC	17.000%	Pending	
		Westhawk Minerals LLC, a Delaware limited liability corporation	SWN Production Company, LLC	18.000%	Pending	
11	1-5-10	Nettie L. Seidler Antero Resources Corporation Antero Resources Corporation EQT Production Company Piney Holdings, Inc. Antero Resources Corporation Antero Resources Corporation EQT Production Company	Antero Resources Corporation EQT Production Company EQT Production Company SWN Production Company, LLC Antero Resources Corporation EQT Production Company EQT Production Company SWN Production Company, LLC	18.00%	212A/235 231A/59 231A/158 279A/35 189A/56 231A/59 231A/158 279A/35	0.00%
12	1-2-6.2	Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	166A/931	0.00%
13	1-2-6	Chesapeake Appalachia, LLC	SWN Production Company, LLC	12.50%	166A/931	0.00%
14	1-2-12	Elizabeth J. Myers, widow, G. M. Myers and Elinor Myers, his wife, J. C. Myers and Virginia R. Myers, his wife, Mary C. Harris and Frank Harris, her husband, Anna S. Marshall and Fred C. Marshall, her husband, and M. J. Yost, widow Myers Oil Company James T. Miller, Trustee Florence Lyle and Joseph Lyle, her husband, Helen E. Tennant, widow, Paul Luikart and May Luikart, his wife, Clarence Luikart and Margaret Luikart, his wife Pearl Groves and Walter Groves, her husband, Sylvia Mutti and Willis Mutti, her husband, Cora Eberhart and James Eberhart, her husband, Goldie Shonk, widow, Dorothy Johnson and Dale Johnson, her husband, the Board of Trustees of the Most Worshipful Grand Lodge of Ancient, Free and Accepted Masons of West Virginia, Inc. Romaine L. Evans, single, Charleen E. Hyde and Harry Hyde, her husband, Albert Evans and Luella Evans, his wife, Kenneth Evans, single, Helen E. Tennant, Administratrix of the Estate of John H. Luikart, and Wheeling Dollar Savings and Trust Co., Executor of the Will of Grace Luikart Raymond H. Hyre, as surviving Trustee under the Provisions of Trust Agreement dated September 4, 1973 Robert L. Skinner Josephine K. Litman, a widow Pikewood Energy Corporation	Myers Oil Company James T. Miller, Trustee John H. Luikart Helen E. Tennant and Raymond H. Hyre, and to the survivor of them as Trustees Robert E. Litman and Robert L. Skinner Robert E. Litman Pikewood Energy Corporation SWN Production Company, LLC	12.50%	22A/241 45/211 31A/80 251/431 251/495 251/499 280A/381 281A/415	0.00%
15	7-27-15	John P. Franklin and Lucille Franklin, his wife; Ethel Franklin, widow The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc.	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC)	12.50%	375/227 422/204 642/281 650/63 662/322 675/279 33/110 33/424	0.00%
16	7-27-14	John P. Franklin and Lucille Franklin, his wife; Ethel Franklin, widow The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc. SWN Production Company, LLC	12.50%	375/227 422/204 642/281 650/63 662/322 675/279 33/110	0.00%

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

Riter WTZ 1H

Marshall and Wetzel County, West Virginia

4710303643

Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC (now SWN Production Company LLC)		33/424	
17	7-27-16	Kathryn Gillingham, widow; Lucy V. Smith, widow; and Madge Moore and Albert W. Moore, wife and husband The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc.	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC)	12.50%	371/525 422/204 642/281 650/63 662/322 675/279 33/110 33/424	0.00%
18	7-27-21	Kathryn Gillingham, widow; Lucy V. Smith, widow; and Madge Moore and Albert W. Moore, wife and husband The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc.	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC Statoilhydro USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC)	12.50%	371/525 422/204 642/281 650/63 662/322 675/279 33/110 33/424	0.00%
19	7-27-17	Royalty Owner(s)	N/A	N/A	N/A	18.87%
		Ammon A. Burley and Flora J. Burley, husband and wife	SWN Production Company, LLC	15.00%	919/345	
		Donald Marlin Watkins, a/k/a Marlin Watkins, and Myra L. Watkins, husband and wife	SWN Production Company, LLC	15.00%	919/161	
		Michael A. Fish and Debra L. Fish, husband and wife	SWN Production Company, LLC	16.00%	919/341	
		Kathy Watkins Hoopes, a/k/a Kathy Jo Watkins, and David E. Hoopes, wife and husband	SWN Production Company, LLC	15.00%	925/539	
		Franklin Thomas Barrett, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	926/592	
		Timothy N. Burley and Connie Burley, husband and wife	SWN Production Company, LLC	17.00%	926/588	
		Annette Aldine Lloyd, a widow	SWN Production Company, LLC	17.00%	926/575	
		Donald Burley, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	926/590	
		Jeffrey L. Fish and Cindy Fish, husband and wife	SWN Production Company, LLC	16.00%	925/580	
		Mary Lou Rubini, a/k/a Mary Lou Bleim, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	926/585	
		Krystal K. and Tom Kamp, wife and husband	SWN Production Company, LLC	16.00%	925/576	
		Sharon Neala Zeppernick, a/k/a Sharon Neala Barrett Zeppernick, a married woman dealing in her sole and separate property	SWN Production Company, LLC	17.00%	925/578	
		Dorothy Maxine Katzmeyer, a widow	SWN Production Company, LLC	15.00%	933/299	
		Donald Scott Conaway, a single man	SWN Production Company, LLC	16.00%	932/629	
		Richard J. McHenry, Sr., a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	951/380	
		Charles Wayne Geho, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	953/398	
		Michael O. Wanchick, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	951/376	
		John B. Wanchick, a married man dealing in his sole and separate property	SWN Production Company, LLC	12.50%	953/566	
		Robert Lawrence Burley, a married man dealing in his sole and separate property	SWN Production Company, LLC	12.50%	955/303	
		Wayne Edward Burley, a single man	SWN Production Company, LLC	16.00%	955/308	
		Barbara J. Burley, a/k/a Barbara Jean Burley, a single woman	SWN Production Company, LLC	16.00%	955/313	
		Patricia Loy, a widow, by and through her Attorney-In-Fact, Gary W. Loy	SWN Production Company, LLC	18.00%	955/169	
		Jana Lynn Robbins, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	957/561	
		Beth Ann Mysliwiec-Adlinger, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	957/555	
		L. Gene Gray and Joan V. Gray, husband and wife	SWN Production Company, LLC	18.00%	961/189	
		George L. Hale, Jr., a married man dealing in his sole and separate property	SWN Production Company, LLC	12.50%	966/429	
		Bernadette F. Livingston, Trustee of the Margaret J. Kaczowski Revocable Trust Agreement, dated the 21st day of November, 2006	SWN Production Company, LLC	12.50%	966/416	
		First Assembly of God Church	SWN Production Company, LLC	17.00%	1161/009	
		Elizabeth Ann Cain, widow	SWN Production Company, LLC	18.00%	1160/370	
		Ronald W. Conaway, married dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1160/554	
		Roger Lee Cain, married dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1160/376	

RECEIVED
Office of Oil and Gas

MAR 18 2024

WV Department of
Environmental Protection

04/19/2024

4710303643

Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
		Karen J. Jones, a/k/a Karen Joyce Conaway Jones, single	SWN Production Company, LLC	17.00%	1163/352	
		Carolyn Stowe, a/k/a Carolyn K. Stowe, widow	SWN Production Company, LLC	17.00%	1160/548	
		Robert Carlton Cain, married dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1161/33	
		Roger Lee Cain, II, divorced	SWN Production Company, LLC	18.00%	1162/406	
		DWG Oil & Gas Acquisitions, LLC	SWN Production Company, LLC	17.00%	354A/495	
		Kelly J. Yoho, divorced	SWN Production Company, LLC	17.00%	1177/393	
		Jamie D. Potts, married dealing in her sole and separate property	SWN Production Company, LLC	17.00%	1166/571	
		Jeffery Gene Gray, a/k/a Jeffery Gene Gray, married dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1161/381	
		Richard L. Yoho, married dealing in his sole and separate property	SWN Production Company, LLC	18.00%	1177/109	
		Jana Lynn Robbins	SWN Production Company, LLC	17.00%	1175/98	
		Beth Ann Mysliwiec Andlinger, married dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1178/729	
		Westhawk Minerals LLC	SWN Production Company, LLC	18.00%	1179/335	
				18.00%	Pending	
20	7-27-18	Dixie Parriott, single, Madge Parriott, widow, and Alice Parriott, widow	The Manufacturers Light and Heat Company	12.50%	272/347	0.00%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, L.L.C.		642/281	
		Columbia Natural Resources, L.L.C.	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
21	7-27-2	Louisa A. Pyles and E. C. Pyles	The Wheeling Natural Gas Co.	12.50%	144/494	0.00%
		The Wheeling Natural Gas Co.	The Manufacturers Light and Heat Company		3/40	
		The Manufacturers Light and Heat Company	Union Gasoline and Oil Corporation		197/120	
		Union Gasoline and Oil Corporation	Prestion Oil Company		2/136	
		Prestion Oil Company	The Manufacturers Light and Heat Company		2/225	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, L.L.C.		642/281	
		Columbia Natural Resources, L.L.C.	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
22	7-24-1 (Subtract 1)	J.N. Pyles and Iva B. Pyles, his wife; E. C. Pyles, single; J.B. Whitlatch and Edna Whitlatch, his wife; Robert E. Loper and Lovernia L. Loper, his wife; Paul G. Benedum and Willeen Benedum, his wife; Maxine L. Jaworek and Walter A. Jaworek, her husband; Eleanor M. Hinerman and Emmett Hinerman, her husband; Elizabeth H. Paull and Philip D. Paull, her husband; Lester Hicks and Josephine Hicks, his wife; Virginia Neal and F.S. Neal, her husband	The Manufacturers Light and Heat Company	12.50%	299/336 Refilled 299/465	0.00%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, LLC		650/63	
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		662/322	
		Chesapeake Appalachia, LLC	Statoilhydro USA Onshore Properties Inc.		675/279	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC (now SWN Production Company LLC)		33/424	
		Nancy B. Divita, married dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1084/279	
23	7-26-14 Subtract 2	Jack Cooper Wallace, divorced	SWN Production Company, LLC	17.00%	950/51	0.00%
		Dan Foster Wallace, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	950/46	
		Pamela Sue Wallace, a widow	SWN Production Company, LLC	17.00%	950/56	
		Heirs or Devises of Martha L. Gillet, deceased	SWN Production Company, LLC	17.00%	1067/548	
		Mildred Pyle Strausser and Earl Strausser, her husband	The Manufactureers Light and Heat Company	12.50%	353/83	
		The Manufacturers Light and Heat Company	Union Gasoline & Oil Corporation		220/353	
		Union Gasoline & Oil Corporation	The Prestion Oil Company		2/136	
		The Prestion Oil Company	The Manufacturers Light and Heat Company		2/225	
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Chesapeake Appalachia, LLC		662/322	
		Chesapeake Appalachia, LLC	Statoil USA Onshore Properties Inc.		675/279	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC (now SWN Production Company LLC)		33/424	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		36/422	
		SWN Exchange Titleholder LLC	SWN Production Company, LLC		19/624	

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

4710303643

Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
	7-26-14 Subtract 1	Mildred Pyle Strausser and Earl Strausser, her husband The Manufacturers Light and Heat Company Union Gasoline & Oil Corporation The Prestion Oil Company The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. Chesapeake Appalachia, LLC SWN Exchange Titleholder LLC	The Manufactureers Light and Heat Company Union Gasoline & Oil Corporation The Prestion Oil Company The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC) SWN Production Company, LLC SWN Production Company, LLC	12.50%	353/83 220/353 2/136 2/225 422/204 662/322 675/279 33/110 33/424 36/422 19/624	
24	7-28-4	National City Bank of Pennsylvania, successor to First National Bank and Trust Company of Waynesburg, Pennsylvania, Testamentary Trustee Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. Chesapeake Appalachia, LLC SWN Exchange Titleholder LLC Gail Richardson Barner, a married woman dealing in her sole and separate property Carol J. Spence, a widow Claudia L. Raven, a married woman dealing in her sole and separate property Mineral Acquisition Company I, LP	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC) SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C.	12.50% 17.00% 17.00% 17.00% 12.50%	683/323 33/110 33/424 36/422 19/624 1059/77 1015/511 1015/516 1035/171	0.00%
25	7-28-3	Carol J. Spence, a widow Claudia L. Raven, a married woman dealing in her sole and separate property Gail Richardson Barner, a married woman dealing in her sole and separate property Susan A. Richardson, Trustee of the Richardson Family Supplemental Needs Trust Susan A. Richardson, a single woman National City Bank of Pennsylvania, successor to First National Bank and Trust Company of Waynesburg, Pennsylvania, Testamentary Trustee Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. Chesapeake Appalachia, LLC SWN Exchange Titleholder LLC	SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C. SWN Production Company, L.L.C. Chesapeake Appalachia, L.L.C. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC) SWN Production Company, LLC SWN Production Company, LLC	17.00% 17.00% 17.00% 17.00% 12.50% 17.00% 17.00%	1015/511 1015/516 1059/77 1057/560 1057/564 683/323 33/110 33/424 36/422 19/624	0.00%
26	7-19-36	Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC	Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. SWN Production Company, LLC SWN Exchange Titleholder LLC (now SWN Production Company LLC) SWN Production Company, LLC	12.50%	663/592 675/279 36/422 33/424 19/624	0.00%
27	7-19-33	Royalty Owner(s) (subject to unitization filing dated February 28, 2024) Chestnut Holdings, Inc., a Florida corporation Eric T. Mason John Michael Brant Gregory Todd Brant Catherine Paul Mason Hester L. Chambers Teresa L. Elliott, f/k/a Teresa L. Chambers, married dealing in her sole and separate property Charles E. Yeater, single Jane Lynn Swingle, married dealing in her sole and separate property Howard K Chambers, a/k/a Keith Chambers, married dealing in his sole and separate property Kevin Haight, single Melissa D Brant, single Vicki Lynn Brant Scott, married dealing in her sole and separate property Brock C Mason, married dealing in his sole and separate property Allison Marie Haight, a/k/a Allison M. Haight, widow	N/A SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC SWN Production Company, LLC	N/A 20.00% 18.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 17.00% 18.00% 17.00%	N/A 950/305 1175/542 1175/733 1175/727 1175/92 1175/86 1177/103 1177/115 1177/121 1177/387 1178/34 355A/639 1178/735 1178/723 1179/329	64.86%
28	7-18-17	Emma M. Springer, Committee for Calla E. Warner, incompetent The Manufactures Light and Heat Company Columbia Gas Transmission Corporation Columbia Gas Transmission Corporation Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC	The Manufactures Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. SWN Production Company, LLC	12.50%	299/100 422/204 642/281 662/322 675/279 33/110	0.00%

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

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
Riter WTZ 1H
Marshall and Wetzel County, West Virginia

Tract #	Tax Parcel	Lessor	Lessee	Royalty	Book/Page	Interest Not Leased by Southwestern Production Company, LLC
		Statoil USA Onshore Properties Inc.	SWN Exchange Titleholder LLC (now SWN Production Company LLC)		33/424	
		SWN Exchange Titleholder LLC	SWN Production Company, LLC		CB 19/624	

47 10303643

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

February 28, 2024

Mr. Charles Brewer
WV DEP Office of Oil & Gas
601 57th St., SE
Charleston, WV 25304

RE: SWN's proposed New Well: Riter WTZ 1H in Wetzel County, West Virginia, Drilling under Proctor Creek Road, Woodchuck Lane, Low Gap Road, Clark Hill Road, and Johnson Ridge 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 Proctor Creek Road, Woodchuck Lane, Low Gap Road, Clark Hill Road, and Johnson Ridge 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

$\frac{R^L}{A} \rightarrow V^+$

4710303643

WW-PN
(11-18-2015)

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:

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

Paper: Wetzel Chronicle

Public Notice Date: December 27, 2023 & January 3, 2024

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 Production Company, LLC **Well Number:** Riter WTZ 1H

Address: 1300 Fort Pierpont Dr., Suite 201

Morgantown, WV 26508

Business Conducted: Natural gas production.

Location –

State: <u>West Virginia</u>	County: <u>Wetzel</u>	RECEIVED Office of Oil and Gas
District: <u>Center</u>	Quadrangle: <u>Littleton</u>	MAR 13 2024
UTM Coordinate NAD83 Northing: <u>4,394,869.975</u>		
UTM coordinate NAD83 Easting: <u>536,901.382</u>		
Watershed: <u>Upper Ohio-Wheeling</u>		

WV Department of
Environmental Protection

Coordinate Conversion:

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

Electronic notification:

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

Reviewing Applications:

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

Submitting Comments:

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

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

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

04/19/2024

4710303643

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

Date of Notice Certification: 3/12/24

API No. 47- 103 -
Operator's Well No. Riter WTZ 1H
Well Pad Name: Riter WTZ pad

Notice has been given:

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

State: West Virginia
County: 103-Wetzel
District: Center
Quadrangle: Littleton
Watershed: Upper Ohio Wheeling

UTM NAD 83 Easting: 536901.382
Northing: 4394869.975
Public Road Access: C.R. 8
Generally used farm name: Riter WTZ

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

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

*PLEASE CHECK ALL THAT APPLY

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

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

**OOG OFFICE USE
ONLY**

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

Required Attachments:

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

04/19/2024

WW-6A
(8-13)

47 103 03643
API NO. 47- 103 -
OPERATOR WELL NO. Riter WTZ 1H
Well Pad Name: Riter WTZ pad

Notice is hereby given by:

Well Operator: SWN Production Co., LLC

Telephone: 304-884-1610

Email: Brittany_Woody@swn.com

Brittany Woody

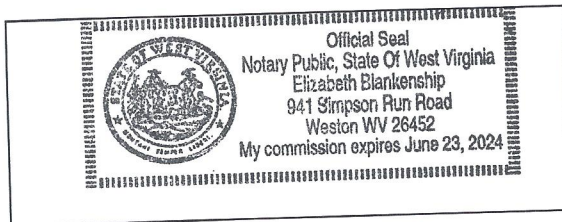
Address: 1300 Fort Pierpont Dr., Suite 201

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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



Subscribed and sworn before me this 8 day of Feb, 2024.

Elizabeth Blankenship Notary Public

My Commission Expires 6/23/2024

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

4710303643

API NO. 47- 103 -
 OPERATOR WELL NO. Riter Wtz 1H
 Well Pad Name: Riter Wtz pad

WW-6A
 (9-13)

**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: 3/12/24 **Date Permit Application Filed:** 3/13/24
Notice of:

- ☒ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

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

- ☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☒ Application Notice ☒ WSSP Notice ☒ E&S Plan Notice ☒ Well Plat Notice is hereby provided to:

☒ **SURFACE OWNER(s)**

Name: Harry Riter Jr.

Address: 1156 Madrid Street

Akron, OH 44313

Name: Violet R. Menas

Address: PO Box 105

Farmington, WV 26571

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

Name: _____

Address: _____

Name: _____

Address: _____

☐ **SURFACE OWNER(s) (Impoundments or Pits)**

Name: _____

Address: _____

☒ **COAL OWNER OR LESSEE**

Name: Consol Energy Attn: Casey Saunders

Address: 275 Technology Drive, Suite 201

Canonsburg, PA 15317

☐ **COAL OPERATOR**

Name: _____

Address: _____

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

Name: See Attachment 13A

Address: _____

☒ **OPERATOR OF ANY NATURAL GAS STORAGE FIELD**

Name: TC Energy Attn: Garrett Word

Address: Houston Office Bank of America 700 Louisiana St

Houston, TX 77002

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

WW-6A
(9-13)

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: 3/12/24 Date Permit Application Filed: 3/13/24

Notice of:

- ☒ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

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

- ☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☒ Application Notice ☒ WSSP Notice ☒ E&S Plan Notice ☒ Well Plat Notice is hereby provided to:

☒ SURFACE OWNER(s)

Name: Joseph F. Blake & Gay K. Blake Irrevocable Grantor Trust

Address: 1686 Cameron Road
Cumberland, WV 26047

Name: _____
Address: _____

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

Name: _____
Address: _____

Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)

Name: _____
Address: _____

☒ COAL OWNER OR LESSEE

Name: _____
Address: _____

☐ COAL OPERATOR

Name: _____
Address: _____

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

Name: _____
Address: _____

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: _____
Address: _____

*Please attach additional forms if necessary

04/19/2024

WW-6A
(8-13)

Notice is hereby given:

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

This Notice Shall Include:

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

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

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

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

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

Well Location Restrictions

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

04/19/2024

WW-6A
(8-13)

API NO. 47- 103 -
OPERATOR WELL NO. Riter WTZ 1H
Well Pad Name: Riter WTZ pad

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

Water Well Testing:

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

Water Testing Laboratories:

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

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

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

Written Comment:

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

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

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.**

RECEIVED
Office of Oil and Gas
MAR 13 2024
WV Department of
Environmental Protection

04/19/2024

Time Limits and Methods for Filing Comments.

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

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

Comment Requirements

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

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

Permit Denial or Condition

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

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

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

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

RECEIVED
Office of Oil and Gas
MAR 13 2024
WV Department of
Environmental Protection

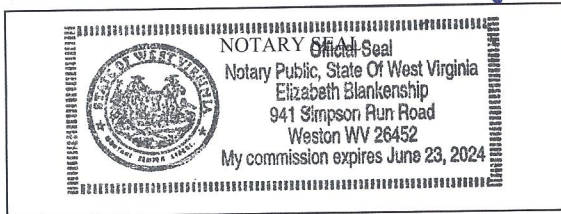
04/19/2024

4710303643

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:	<u>SWN Production Co., LLC</u>	Address:	<u>1300 Fort Pierpont Dr., Suite 201</u>
By:	<u>Brittany Woody</u>		<u>Morgantown, WV 26508</u>
Its:	<u>Staff Regulatory Specialist</u>	Facsimile:	<u>304-884-1690</u>
Telephone:	<u>304-884-1610</u>	Email:	<u>Brittany_Woody@swn.com</u>



Subscribed and sworn before me this 8 day of Feb 2024.
Elizabeth Blankenship Notary Public
My Commission Expires 6/23/2024

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
MAR 13 2024
WV Department of
Environmental Protection

04/19/2024

4710303643

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry
Date of Notice: 12/8/2022 **Date of Planned Entry:** 12/15/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ **PERSONAL SERVICE** ☒ **REGISTERED MAIL** ☐ **METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION**

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ **SURFACE OWNER(s)**

Name: Violet R. Menas & Harry Riter, Jr.
Address: 1156 Madrid Street
Akron, OH 44313
Name: _____
Address: _____
Name: _____
Address: _____

☒ **COAL OWNER OR LESSEE**

Name: Consol Energy Attn: Casey Saunders
Address: 275 Technology Drive, Suite 101
Canonsburg, PA 15317

RECEIVED

Office of Oil and Gas

MAR 13 2024

☒ **MINERAL OWNER(s)**

Name: Thomas J. Iacoboni, Revocable Trust
Address: 15635 Yeoho Road
Sparks Glencoe, MD 21152
*please attach additional forms if necessary

WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Wetzel
District: Center
Quadrangle: Littleton

Approx. Latitude & Longitude: 39.702779, -80.569307
Public Road Access: C.R. 8
Watershed: Upper Ohio- Wheeling
Generally used farm name: Riter

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: SWN PRODUCTION COMPANY, 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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

04/19/2024

4710303643

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 12/8/2022 **Date of Planned Entry:** 12/15/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☐ SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

☐ COAL OWNER OR LESSEE

Name: _____
Address: _____

RECEIVED
Office of Oil and Gas
MAR 13 2024

☒ MINERAL OWNER(s)

Name: Green Dot Farms, Inc. ✓
Address: 7812 Low Gap Run Road
Littleton, WV 26581

WV Department of
Environmental Protection

*please attach additional forms if necessary

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Wetzel
District: Center
Quadrangle: Littleton

Approx. Latitude & Longitude: 39.702779, -80.569307
Public Road Access: C.R. 8
Watershed: Upper Ohio- Wheeling
Generally used farm name: Ritter

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: SWN PRODUCTION COMPANY, 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.

04/19/2024

4710303643

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 12/8/2022 **Date of Planned Entry:** 12/15/2022

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☐ SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

☐ COAL OWNER OR LESSEE

Name: _____
Address: _____

RECEIVED

Office of Oil and Gas

MAR 13 2024

☒ MINERAL OWNER(s)

Name: TH Exploration II, LLC ✓
Address: 1320 S. University Drive, Suite 500
Fort Worth, TX 76107

WV Department of
Environmental Protection

*please attach additional forms if necessary

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Wetzel
District: Center
Quadrangle: Littleton

Approx. Latitude & Longitude: 39.702779, -80.569307
Public Road Access: C.R. 8
Watershed: Upper Ohio- Wheeling
Generally used farm name: Ritter

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: SWN PRODUCTION COMPANY, 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.

04/19/2024

4710303643

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

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

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 12/21/2023 **Date Permit Application Filed:** 3/13/24

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

☐ HAND DELIVERY ☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED

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

RECEIVED
Office of Oil and Gas

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

Name: CONSOL Energy ATTN: Casey Saunders
Address: 275 Technology Drive, Suite 101
Canonsburg, PA 15317-9565

Name: _____
Address: _____ **MAR 13 2024**

WV Department of
Environmental Protection

Notice is hereby given:

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

State: <u>WV</u>	UTM NAD 83	Easting: <u>536,901.382</u>
County: <u>Wetzel</u>		Northing: <u>4,394,869.975</u>
District: <u>Center</u>	Public Road Access: <u>Long Gap Run Road</u>	
Quadrangle: <u>Littleton</u>	Generally used farm name: <u>Riter</u>	
Watershed: <u>Upper Ohio-Wheeling</u>		

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: SVN Production Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: Justin_Booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: Justin_Booth@swn.com
Facsimile: _____

Oil and Gas Privacy Notice:

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

04/19/2024

WW-6A4
(1/12)

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

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

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 12/21/2023 **Date Permit Application Filed:** 3/13/24

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

☐ HAND DELIVERY ☒ CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

Name: Harry Riter, Jr.
Address: 1156 Madrid Street
Akron, OH 44313-5240

RECEIVED
Office of Oil and Gas
MAR 13 2024

Name: _____
Address: _____

Notice is hereby given:

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

State:	WV	UTM NAD 83	Easting:	536,901.382
County:	Wetzel		Northing:	4,394,869.975
District:	Center	Public Road Access:	Long Gap Run Road	
Quadrangle:	Littleton	Generally used farm name:	Riter	
Watershed:	Upper Ohio-Wheeling			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: SWN Production Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: Justin_Booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: Justin_Booth@swn.com
Facsimile: _____

Oil and Gas Privacy Notice:

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

04/19/2024

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

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

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
Date of Notice: 12/21/2023 **Date Permit Application Filed:** 3/13/24

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

☐ HAND DELIVERY ☒ CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

RECEIVED
Office of Oil and Gas

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

Name: Violet R. Menas
Address: PO Box 105
Farmington, WV 26571

Name: _____
Address: _____ **MAR 13 2024**

WV Department of
Environmental Protection

Notice is hereby given:

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

State:	<u>WV</u>	UTM NAD 83	Easting:	<u>536,901.382</u>
County:	<u>Wetzel</u>		Northing:	<u>4,394,869.975</u>
District:	<u>Center</u>	Public Road Access:	<u>Long Gap Run Road</u>	
Quadrangle:	<u>Littleton</u>	Generally used farm name:	<u>Riter</u>	
Watershed:	<u>Upper Ohio-Wheeling</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: SWN Production Company, LLC
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: Justin_Booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: Justin_Booth@swn.com
Facsimile: _____

Oil and Gas Privacy Notice:

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

04/19/2024

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

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 12/21/2023 **Date Permit Application Filed:** 3/13/24

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

☒ **CERTIFIED MAIL** ☐ **HAND**
RETURN RECEIPT REQUESTED DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: Harry Riter, Jr.
Address: 1156 Madrid Street
Akron, OH 44313-5240

Name: _____
Address: _____

Notice is hereby given:

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

State:	<u>WV</u>	UTM NAD 83	Easting:	<u>536,901.382</u>
County:	<u>Wetzel</u>		Northing:	<u>4,394,869.975</u>
District:	<u>Center</u>	Public Road Access:	<u>Long Gap Run Road</u>	
Quadrangle:	<u>Littleton</u>	Generally used farm name:	<u>Riter</u>	
Watershed:	<u>Upper Ohio-Wheeling</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: SWN Production Company, LLC
Telephone: 304-884-1675
Email: Justin_Booth@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: _____

Oil and Gas Privacy Notice:

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

RECEIVED
Office of Oil and Gas

MAR 13 2024

04/19/2024
WV Department of
Environmental Protection

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

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

Date of Notice: 12/21/2023

Date Permit Application Filed: 3/13/24

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

☒ **CERTIFIED MAIL**
RETURN RECEIPT REQUESTED

☐ **HAND**
DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: Violet R. Menas
Address: PO Box 105
Farmington, WV 26571

Name: _____
Address: _____

Notice is hereby given:

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

State:	<u>WV</u>	UTM NAD 83	Easting:	<u>536,901.382</u>
County:	<u>Wetzel</u>		Northing:	<u>4,394,869.975</u>
District:	<u>Center</u>	Public Road Access:		<u>Long Gap Run Road</u>
Quadrangle:	<u>Littleton</u>	Generally used farm name:		<u>Riter</u>
Watershed:	<u>Upper Ohio-Wheeling</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: SWN Production Company, LLC
Telephone: 304-884-1675
Email: Justin_Booth@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: _____

Oil and Gas Privacy Notice:

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

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024

WW-6A5
(1/12)

Operator Well No. Riter WTZ 1H

4710303643

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

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 12/21/2023 **Date Permit Application Filed:** 3/13/24

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

☒ CERTIFIED MAIL
RETURN RECEIPT REQUESTED

☐ HAND
DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: CONSOL Energy ATTN: Casey Saunders
Address: 275 Technology Drive, Suite 101
Canonsburg, PA 15317-9565

Name: _____
Address: _____

Notice is hereby given:

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

State:	<u>WV</u>	UTM NAD 83	Easting:	<u>536,901.382</u>
County:	<u>Wetzel</u>		Northing:	<u>4,394,869.975</u>
District:	<u>Center</u>	Public Road Access:	<u>Long Gap Run Road</u>	
Quadrangle:	<u>Littleton</u>	Generally used farm name:	<u>Riter</u>	
Watershed:	<u>Upper Ohio-Wheeling</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: SWN Production Company, LLC
Telephone: 304-884-1675
Email: Justin_Booth@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: _____

Oil and Gas Privacy Notice:

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

MAR 13 2024

WV Department of
Environmental Protection

04/19/2024



4710303643

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Office of the District Engineer/Manager

District Four

Post Office Box 4220 · Clarksburg, West Virginia 26302 · (304) 842-1500

Alanna J. Keller, P.E.

Deputy Secretary of Transportation
Deputy Commissioner of Highways

Jimmy Wriston, P. E.

Secretary of Transportation
Commissioner of Highways

January 16, 2024

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

RECEIVED
Office of Oil and Gas

MAR 13 2024

Subject: DOH Permit for the Riter Well Pad, Wetzel County
Riter WTZ 1H Well Site

WV Department of
Environmental Protection

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2023-0051 which has been issued to SWN Production Company, LLC for access to the State Road for a well site located off Wetzel County Route 8 SLS MP 6.43.

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.

Very Truly Yours,

Stephen G. Johnson, P.E.
Director of Operations

Cc: Brittany Woody
SWN Production Company, LLC
OM, D-6
File

04/19/2024

4710303643

Attachment VI Frac Additives

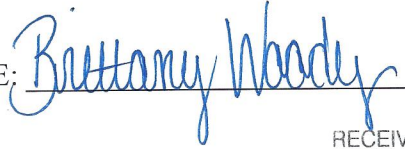
Product Name	Product Use	Chemical Name	CAS Number
HCL	Solvent	Hydrochloric Acid	7647-01-0
		Water	7732-18-5
FSTI-CI-02	Corrosion Inhibitor	2-Butoxyethanol	111-76-2
		Ethylene glycol	107-21-1
		N,N-Dimethylformamide	68-12-2
		benzyl chloridequaternized	72480-70-7
		Cinnamaldehyde	104-55-2
		Isopropyl alcohol	67-63-0
		Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)- .omega.-hydroxy-	9016-45-9
		1-Decanol	112-30-1
		1-Octanol	111-87-5
		Triethyl phosphate	78-40-0
			6381-77-7
Ferriplex 80	Iron Control	Sodium Erythorbate	55566-30-8
Tolicide 4Frac	Biocide	Tetrakis(Hydroxymethyl) Phosphonium Sulfate	68424-85-1
		Quaternary ammonium compounds	64-17-5
		Ethanol	7732-18-5
		Water	64742-47-8
Plexslick 930	Friction Reducer	Hydrotreated Petroleum Distillate	7732-18-5
		Water	69418-26-4
		copolymer of 2-propenamide	93-83-4
		Oleic Acid Diethanolamide	68551-12-2
		Alcohol Ethoxylate Surfactants	12125-02-9
		Ammonium Chloride	7647-14-5
		Sodium Chloride	15827-60-8
			7732-18-5
Plexaid 655NM	Scale Inhibitor	ORGANIC PHOSPHONIC ACIDS SALTS	64742-47-8
Plexslick V996	Friction Reducer	Water	7732-18-5
		Hydrotreated Petroleum Distillate	69418-26-4
		Water	7732-18-5
		copolymer of 2-propenamide	68551-12-2
		Alcohol Ethoxylate Surfactants	7647-14-5
Plexaid 655WG	Scale Inhibitor	Sodium Chloride	15827-60-8
		ORGANIC PHOSPHONIC ACIDS SALTS	7732-18-5
		Water	67-56-1
Clearal 270	Biocide	Glycerin	111-30-8
		Glutaraldehyde	7173-51-5
		Didecylidimethylammonium Chloride	68424-85-1
		Quaternary Ammonium compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	64-17-5
		Ethanol	7732-18-5
		Water	107-21-1
StimSTREAM SC 398 CW	Scale Inhibitor	Ethylene glycol	107-21-1
		CHEMSTREAM-Polymer-10001	CHEMSTREAM-Polymer-10001
		CHEMSTREAM-Polymer-10002	CHEMSTREAM-Polymer-10002
		Water	7732-18-5
StimSTREAM FR 9800	Friction Reducer	Chemstream-Alkane-00001	Chemstream-Alkane-00001
		Chemstream-Polymer-00001	Chemstream-Polymer-00001
		Ethoxylated alcohols (C12-16)	68551-12-2
		Water	7732-18-5
StimSTREAM FR 2800	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8
		Alcohols, C11-14-iso, C13-rich, ethoxylated	78330-21-9
		Water	7732-18-5
StimSTREAM FR 9725	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8
		Ammonium Chloride	12125-02-9
		Water	7732-18-5
StimSTREAM SC 398 C	Scale Inhibitor	CHEMSTREAM-Polymer-10001	CHEMSTREAM-Polymer-10001
		CHEMSTREAM-Polymer-10002	CHEMSTREAM-Polymer-10002
		Water	7732-18-5

As of 7/5/2023

04/19/2024

OPERATOR: SWN Production Co., LLC WELL NO: Riter WTZ 1H

PAD NAME: Riter WTZ pad

REVIEWED BY: _____ SIGNATURE: 

RECEIVED
Office of Oil and Gas

MAR 13 2024

WV Department of
Environmental Protection

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

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 Drilled; OR
☐ Surface Owner Waiver and Recorded with County Clerk, OR
☐ 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

04/19/2024

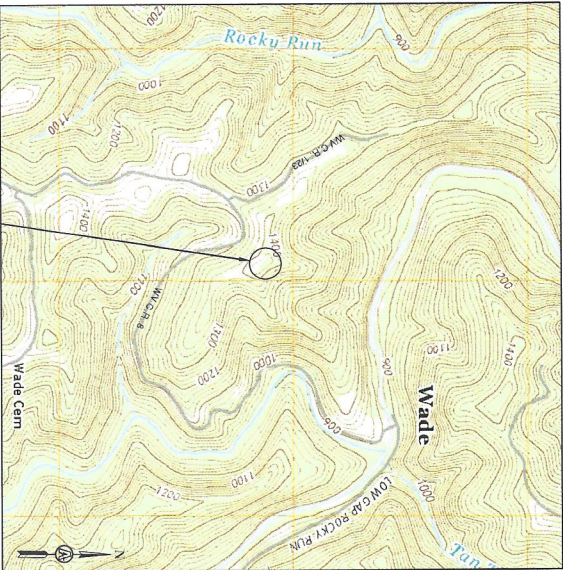
SOUTHWESTERN PRODUCTION COMPANY, LLC

CONSTRUCTION PLANS FOR

WETZEL COUNTY, WV

DECEMBER 2022

SHEET INDEX	
1	COVER
2	GENERAL NOTES
3	EVACUATION PLAN WITHOUT USGS MAP
4	EVACUATION PLAN WITH USGS MAP
5	EXISTING CONDITIONS
6	BOREHOLE LOCATIONS
7	OVERALL GRADING & ESC PLAN
8	STOCKPILE LOCATIONS
9-11	ACCESS ROAD PLAN & PROFILE
12-18	ACCESS ROAD CROSS SECTIONS
19	AST & PRODUCTION PAD GRADING & ESC PLAN
20	WELL PAD SUBGRADE PLAN
21	WELL PAD PROFILE
22-25	TOPSOIL & WASTE STOCKPILE BASELINE PLAN
26-28	TOPSOIL & WASTE STOCKPILE BASELINE PROFILES
29	WASTE STOCKPILE CROSS SECTIONS
29-30	CULVERT PROFILE
31	PROPOSED TO ENERGY GAS LINE RELOCATION PROFILE
32	PROPOSED TO ENERGY GAS LINE RELOCATION LAYOUT
33	C.R. & GEOMETRIC LAYOUT PLAN
34-43	DETAILS
44-62	GEOTECH DESIGN & DETAILS
63	BORING LOGS
64-67	MAINTENANCE OF TRAFFIC



LITTLETON QUADRANGLE REFERENCE MAP
WATERSHED - UPPER OHIO-WHEELING
DISTRICT - CENTER

PROJECT COORDINATOR:
JOHN DUBOWSKI
SUPERINTENDENT
SOUTHWESTERN PRODUCTION COMPANY, LLC
1900 FORT PIERPONT DRIVE, SUITE 201,
MORGANTOWN, WV 26508
PHONE: (304) 844 - 1671
EMAIL: JOHN.DUBOWSKI@SWN.COM

ENGINEER:
MICHAEL NISTOR, PE
ASCENT CONSULTING & ENGINEERING
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
PHONE: (304) 833 - 5485
EMAIL: MKE@ASCENTCONSULTINGENGINEERS.COM

PROJECT MANAGER:
ERIC SHOFF
ASCENT CONSULTING & ENGINEERING
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
PHONE: (304) 833 - 5485
EMAIL: ERIC@ASCENTCONSULTINGENGINEERS.COM

ENVIRONMENTAL:
WETLANDS OF SURFACE WATER
MANAGEMENT CONSULTING AND
ENGINEERING
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
DATE: OCTOBER 2022 & ENGINEERING

TOPOGRAPHIC INFORMATION:
NAD83 WEST VIRGINIA STATE PLANS, NORTH
ZONE, IN U.S. SURVEY FEET.

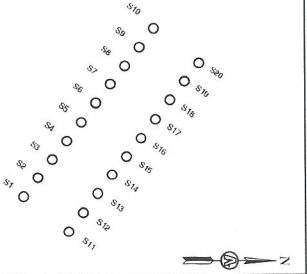
LOCAL EMERGENCY SERVICES	
NAME	NUMBER
FIRE DEPARTMENT	911
HOSPITAL EMERGENCY ROOM	(304) 845 - 3211
FIRE DEPARTMENT	911
POISON CONTROL CENTER	(800) 222 - 1222

LOCATION COORDINATES	
ACCESS ROAD ENTRANCE:	
LATITUDE: 39°42'07.07" N	LONGITUDE: 80°57'17.77" W
NORTHING: 4394786.738	EASTING: 558711.489
UTM ZONE 17	(UTM ZONE 17 METERS)
WELL PAD CENTER:	
LATITUDE: 39°42'07.91" N	LONGITUDE: 80°56'59.91" W
NORTHING: 4394786.738	EASTING: 558711.489
UTM ZONE 17	(UTM ZONE 17 METERS)

LIMITS OF DISTURBANCE BY PROPERTY:	
PROPERTY #	ACRES DISTURBED
52-015-0017-0000-0000	17.33 AC
52-015-0018-0000-0000	8.27 AC
52-015-0019-0000-0000	0.93 AC
52-015-0020-0000-0000	2.45 AC
52-015-0021-0000-0000	1.02 AC
WV C.R. 8 & C.R. 123	
WV DEPT. OF HIGHWAYS RIGHT OF WAY	
TOTAL LIMITS OF DISTURBANCE:	30.00 ACRES

EARTH WORK SUMMARY	
ROCK SWELL FACTOR: 10%	117,900 CY
OVERBURDEN SPRINK FACTOR: 8%	79,000 CY
TOTAL PAD CUT:	800 CY
C.R. 8 WIDENING:	15,900 CY
9" TOPSOIL:	22,200 CY
NET (WASTE STOCKPILE):	

- DRIVING DIRECTIONS
- 1) HEAD NORTH ON FORT PIERPONT DR. 0.3 MILES
 - 2) TURN RIGHT ONTO N PIERPONT RD. 482 FEET
 - 3) TURN RIGHT ONTO CHEAT RD. 0.8 MILES
 - 4) TURN LEFT TO MERGE ONTO L68 W TOWARD I-79 0.5 MILES
 - 5) MERGE ONTO L68 W. 6.9 MILES
 - 6) TAKE THE EXIT ONTO I-79 TOWARD WASHINGTON. 6.1 MILES
 - 7) TURN RIGHT ONTO CHAPIN HILL RD. 0.5 MILES
 - 8) TURN LEFT ONTO US-19. 1.7 MILES
 - 9) TURN LEFT ONTO WV-7. 29.0 MILES
 - 10) TURN RIGHT ONTO WV-7. 2.1 MILES
 - 11) TURN LEFT ONTO WV-7. 9.5 MILES
 - 12) TURN RIGHT ONTO LOW GAP RD. 6.4 MILES
 - 13) TURN LEFT ONTO ACCESS ROAD
 - 14) TURN LEFT ONTO ACCESS ROAD



WEST VIRGINIA 811
CALL BEFORE
YOU DIG!
IT'S THE LAW!

MISS UTILITY OF WEST VIRGINIA
1-800-245-4448
WEST VIRGINIA STATE LAW
REQUIRES YOU TO CALL 811
BUSINESS DAYS BEFORE YOU DIG IN
THE STATE OF WEST VIRGINIA.
IT'S THE LAW!!



LATION MAP NOT TO SCALE	
6	
5	
4	
3	
2	
1	
NO	
DATE	DESCRIPTION

Southwestern Energy®



ASCENT
Consulting & Engineering

1700 ANMOORE ROAD BRIDGEPORT, WV 26330 WWW.ASCENTCONSULTINGENGINEERS.COM (304) 933 - 3483	DRAWN: 25419 KWA
DATE: 12/22/2022	CHECKED: MRN
SCALE: AS SHOWN	

CONSTRUCTION PLANS FOR
SWN PRODUCTION COMPANY, LLC
RITTER WELL PAD
WETZEL COUNTY, WV

TITLE: COVER SHEET	SHEET NO. 1
PLAN STATUS: APPROVED FOR PERMITS	

1-18-24