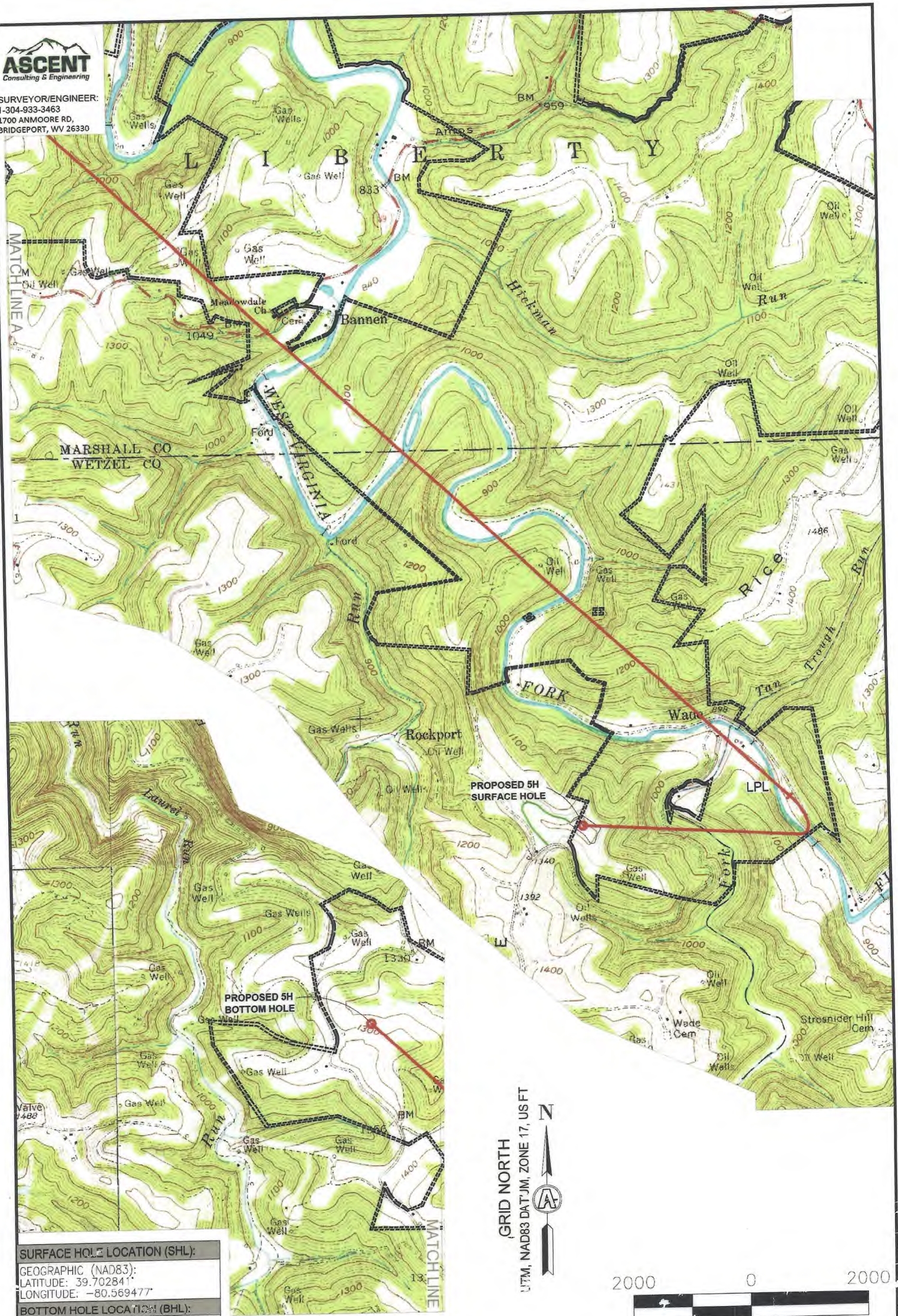




SURVEYOR/ENGINEER:  
1-304-933-3463  
1700 ANMOORE RD,  
BRIDGEPORT, WV 26330



**SURFACE HOLE LOCATION (SHL):**  
GEOGRAPHIC (NAD83):  
LATITUDE: 39.702841°  
LONGITUDE: -80.569477°

**BOTTOM HOLE LOCATION (BHL):**  
GEOGRAPHIC (NAD83):  
LATITUDE: 39.742044°  
LONGITUDE: -80.608896°

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



2000 0 2000  
GRAPHIC SCALE IN FEET

04/19/2024

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: RIVER WTZ	WELL # 5H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERSON DRIVE, SUITE 201	COUNTY - CODE WETZEL - 103	DISTRICT; CENTER	
SURFACE OWNER: HARRY RITER, JR. & VIOLET R. MENAS	USGS 7 1/2 QUADRANGLE MAP NAME BRIDLETON, WV-PA		



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

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,394,864.861 EASTING: 536,908.209
<b>LANDING POINT (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,394,996.723 EASTING: 538,024.422
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,399,200.415 EASTING: 533,509.884

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

Latitude: 39°42'30" SURFACE HOLE 7,822'  
Latitude: 39°45'00" BOTTOM HOLE 7,186'

BOTTOM HOLE 2,897'  
SURFACE HOLE 2,001'  
Longitude: 80°35'00"  
Latitude: 80°32'30"



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 89°47'33" E	409.78'	SHL TO MONUMENT	POST
L2	S 10°03'14" E	1,257.47'	SHL TO MONUMENT	POST

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 83°15'45" E	3,687.57'	4721.15'	SHL TO LPL
L4	N 47°02'31" W	20,238.27'	20,238.27'	LPL TO BHL

**WELL RESTRICTIONS**

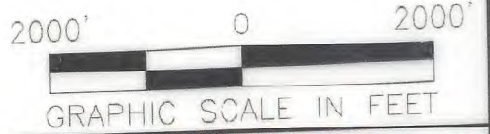
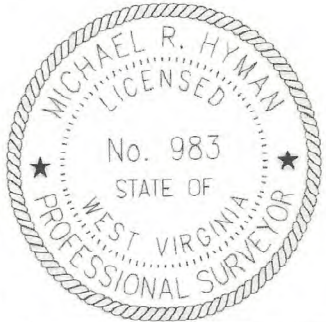
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 100 FEET OF LIMITS OF DISTURBANCE.
- 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**

- 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.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 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.

*Michael R. Hyman* 01-23-2024



COMPANY: **SWN** Production Company, LLC

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	RITER WTZ		
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 5H	API WELL #: 47	103

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

WATERSHED: UPPER OHIO-WHEELING

DISTRICT: CENTER COUNTY: WETZEL

SURFACE OWNER: HARRY RITER, JR. & VIOLET R. MENAS

OIL & GAS ROYALTY OWNER: CONSOL ENERGY ATTN: CASEY SAUNDERS

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

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **04/19/2024**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,617 TVD 29,536 TMD

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

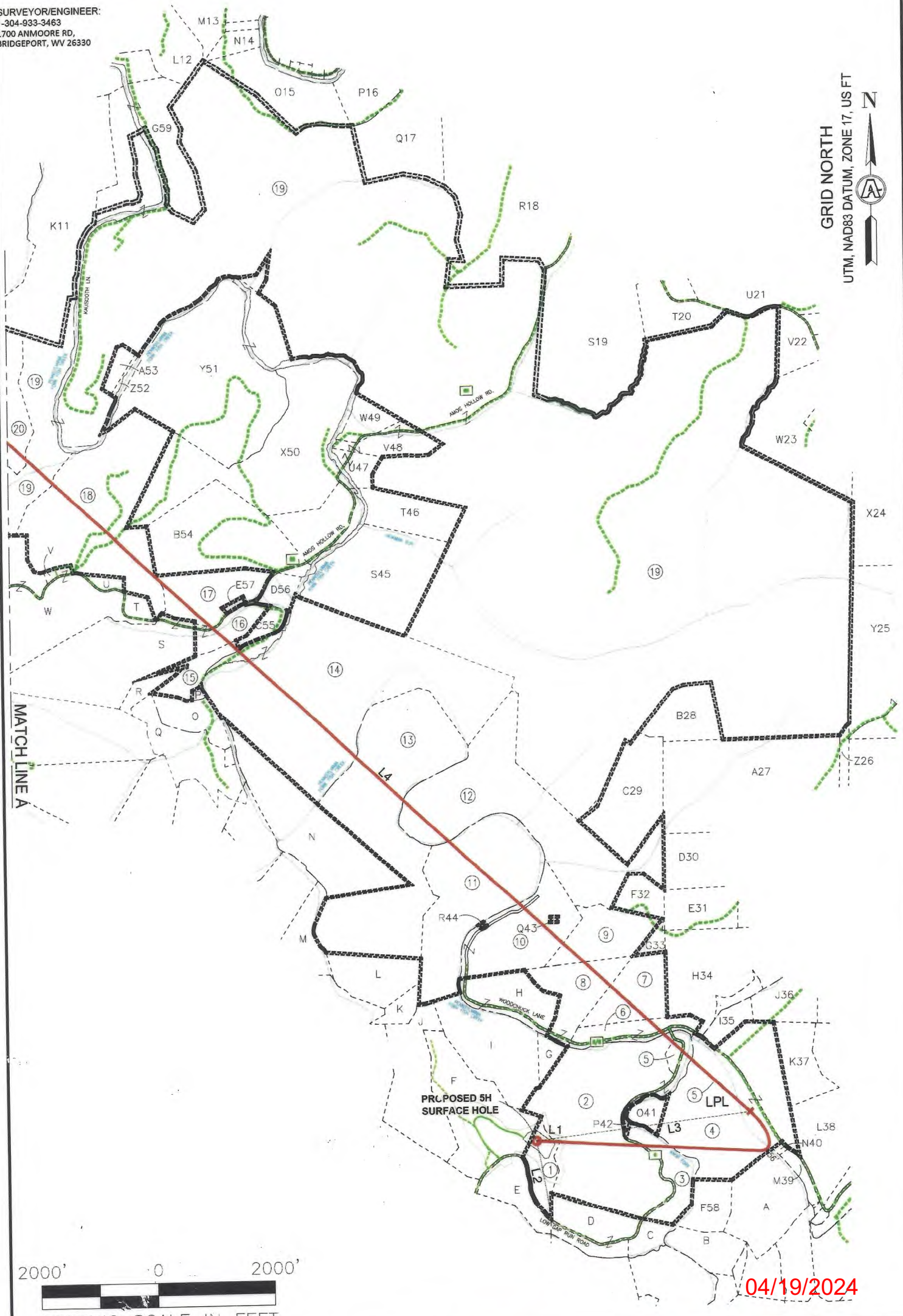
DESIGNATED AGENT: BRITANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

<b>LEGEND:</b>	<ul style="list-style-type: none"> <li>○ PROPOSED SURFACE HOLE / BOTTOM HOLE</li> <li>☀ EXISTING / PRODUCING WELLHEAD</li> <li>LPL* LANDING POINT LOCATION</li> <li>Ⓜ EXISTING WATER WELL</li> <li>Ⓢ EXISTING SPRING</li> <li>— SURVEYED BOUNDARY</li> <li>— DRILLING UNIT</li> <li>----- LEASE BOUNDARY</li> <li>— PROPOSED PATH</li> </ul>	<b>REVISIONS:</b> DATE: 01-23-2024 DRAWN BY: TMF SCALE: 1" = 2000' DRAWING NO: 2549 WELL LOCATION PLAT
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SURVEYOR/ENGINEER:  
1-304-933-3463  
1700 ANMOORE RD,  
BRIDGEPORT, WV 26330

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



04/19/2024

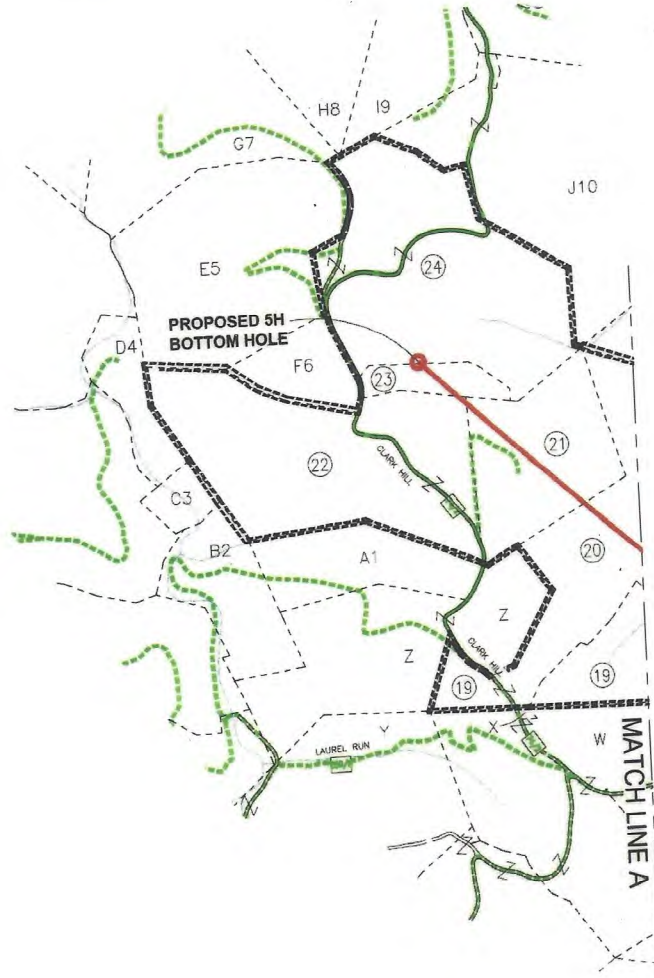
REVISIONS:

COMPANY:			
OPERATOR'S		RITER WTZ	
WELL #:		5H	
DISTRICT:	CENTER	COUNTY:	STATE:
		WETZEL	WV
DATE:		01-23-2024	
DRAWN BY:		TMF	
SCALE:		1"=2000'	
DRAWING NO:		2549	
WELL LOCATION PLAT 2			



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	3-1-23
5	CONSOLIDATED GAS TRANSMISSION CORPORATION	1-6-9
6	BERRY LAWRENCE C & DOROTHY J	1-6-8
7	WILLIAMS JOHN E HRS WILLIAMS JOHN EDWARD	1-6-4
8	SEIDLER BRIAN	1-6-3
9	BLACKROCK ENTERPRISES LLC	1-6-1
10	SEIDLER BRIAN	1-5-10
11	SEIDLER E DALE & NETTIE L	1-2-6.2
12	SEIDLER EARL DALE & NETTIE	1-2-6.1
13	WV STATE COMMERCE BUREAU OF NAT RESOURCE DIVISION	1-2-6
14	VELLEKOOP PETER B ET UX - TOD	7-27-13
15	GEHO ANNIE L EST	7-27-21
16	OCHSENBEIN RICHARD L	7-27-9
17	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
18	HORNER DELORSE A	7-26-10
19	W VA WILDLIFE RESOURCES SECTION	7-24-1
20	MORGAN JAMES E - LIFE	7-26-14
21	ROMACK VICTOR A	7-19-38
22	HORNER JOHN M & TERESA L	7-19-36
23	HORNER JOHN M & TERESA L	7-19-30.1
24	HORNER DELORSE A - LIFE	7-19-30



04/19/2024

REVISIONS:	COMPANY:			
	OPERATOR'S			
	WELL #:		RITER WTZ	
	DISTRICT:		5H	
CENTER		COUNTY:	STATE:	DRAWN BY: TMF
		WETZEL	WV	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	S&R INVESTMENTS	3-5-1
C	S&R INVESTMENTS	1-6-10
D	GORBY STEPHEN H & BETH ANN	1-5-30
E	RITER HARRY JR MENAS VIOLET R	1-5-20
F	RITER HARRY JR MENAS VIOLET R	1-5-17
G	KOONTZ MICHAEL L KUHN SHAUN D	1-5-34
H	SEIDLER BRIAN	1-5-11
I	KOONTZ MICHAEL L KUHN SHAUN D	1-5-18
J	KOONTZ MICHAEL L KUHN SHAUN D	1-5-17.1
K	BROWN NEILA 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	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12
O	FERDA BRIAN T ET UX	7-27-16
P	FERDA BRIAN T ET UX	7-27-16.1
Q	FERDA BRIAN T ET UX	7-27-15
R	W VA WILDLIFE RESOURCES SECTION	7-27-17
S	SCHANCK JOSEPH L	7-27-18
T	RIGGS DALENA ETVIR	7-27-3.1
U	RIGGS JOHN E & DALENA	7-27-2.1
V	DEBOLD HOWARD L ET UX	7-27-2.2
W	RIGGS JOHN E JR & DELANA	7-27-2
X	WADE SAMUEL C - TOD	7-27-2.3
Y	RICHMOND MATTHEW ALLAN	7-28-5
Z	MORGAN JAMES E - LIFE	7-28-4
A1	MORGAN JAMES E - LIFE	7-28-3
B2	MASON DIXON FARMS LLC	7-28-2
C3	BLAIR M ZACHARY	7-19-35
D4	HORNER JOHN M & TERESA L	7-19-33
E5	HORNER JOHN M & TERESA L	7-19-32
F6	CHAMBERS MARY L	7-19-31
G7	MASON DIXON FARMS LLC	7-19-1
H8	MASON DIXON FARMS LLC	7-19-8.8
I9	HORNER JOHN M & TERESA L	7-19-12
J10	GRIFFIN M PEGGY REVOCABLE LIVING TRUST	7-19-29
K11	GRIFFIN M PEGGY REVOCABLE LIVING TRUST	7-19-28
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 STOW	7-25-12
X24	CONAWAY THOMAS E	7-23-1
Y25	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
Z26	LONG LONNY DAVID & LINDA SUE	1-3-2.1
A27	ABEREGG D W EST & ABEREGG WILLIAM D ETAL L/E ABEREGG DA	1-3-2
B28	WADE MICHAEL CLAY & MCCOLLAND LAWRENCE W - TOD ET AL	7-24-6
C29	WILLIAMS KATHERINE E TRUST	1-3-1
D30	WILLIAMS LONNIE L	1-3-7
E31	WILLIAMS JOHN EDWARD	1-3-8
F32	CONSOLIDATED GAS TRANSMISSION CORP	1-3-5
G33	UNKNOWN	1-6-2
H34	MCGUFFIE ARCH	1-6-5

\*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.

TRACT	SURFACE OWNER	TAX PARCEL
I35	MILLER HARVEY	3-1-7
J36	MILLIKEN KEVIN R ETAL	3-1-8
K37	PHILLIPS JR CHARLES R	3-1-22
L38	WAYNE CARMINT REALTY LLC	3-1-29
M39	WAYNE CARMINT REALTY LLC	3-1-28
N40	WAYNE CARMINT REALTY LLC	3-1-27
O41	SHOWALTER THOMAS HRS	3-1-24
P42	CONSOLIDATED GAS TRANS CORP	3-1-36
Q43	UNKNOWN	
R44	SEIDLER E DALE & NETTIE L	1-5-10.1
S45	VELLEKOOP PETER B ET UX - TOD	7-27-11
T46	VELLEKOOP PETER B ET UX - TOD	7-27-10.1
U47	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
V48	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
W49	GEDEON DANIEL D ET UX	7-26-6
X50	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
Y51	CONSOLIDATED GAS SUPPLY CORP	7-26-8
Z52	BUTLER JOHN M & LISA A	7-26-11.1
A53	HUNDRED RESOURCES INC	7-26-11
B54	YOCUM JOSEPH LEE & MICHAEL D	7-27-4
C55	BURGE DELORES E ET AL	7-27-10
D56	HIGH PHILIP D	7-27-8
E57	MEADOWDALE UNITED METH CH CEM	7-27-6
F58	S&R INVESTMENTS	3-1-25
G59	FROMHART BRAD ET UX - LIFE	7-20-41

\*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.

04/19/2024

REVISIONS:

COMPANY:

**SWN**  
Production Company, LLC

**SWN** *R<sub>2</sub> A<sub>1</sub> V<sup>+</sup>*  
Production Company™

OPERATOR'S

RITER WTZ

DATE: 01-23-2024

WELL #:

5H

DRAWN BY: TMF

DISTRICT:  
CENTER

COUNTY:  
WETZEL

STATE:  
WV

SCALE: N/A

DRAWING NO: 2549

WELL LOCATION PLAT 4