

LATITUDE: 40°22'30" SURFACE HOLE (2000' SCALE)

7655'

5377'

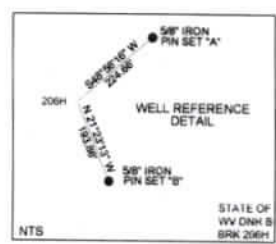
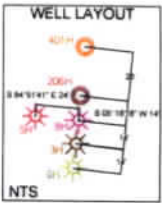
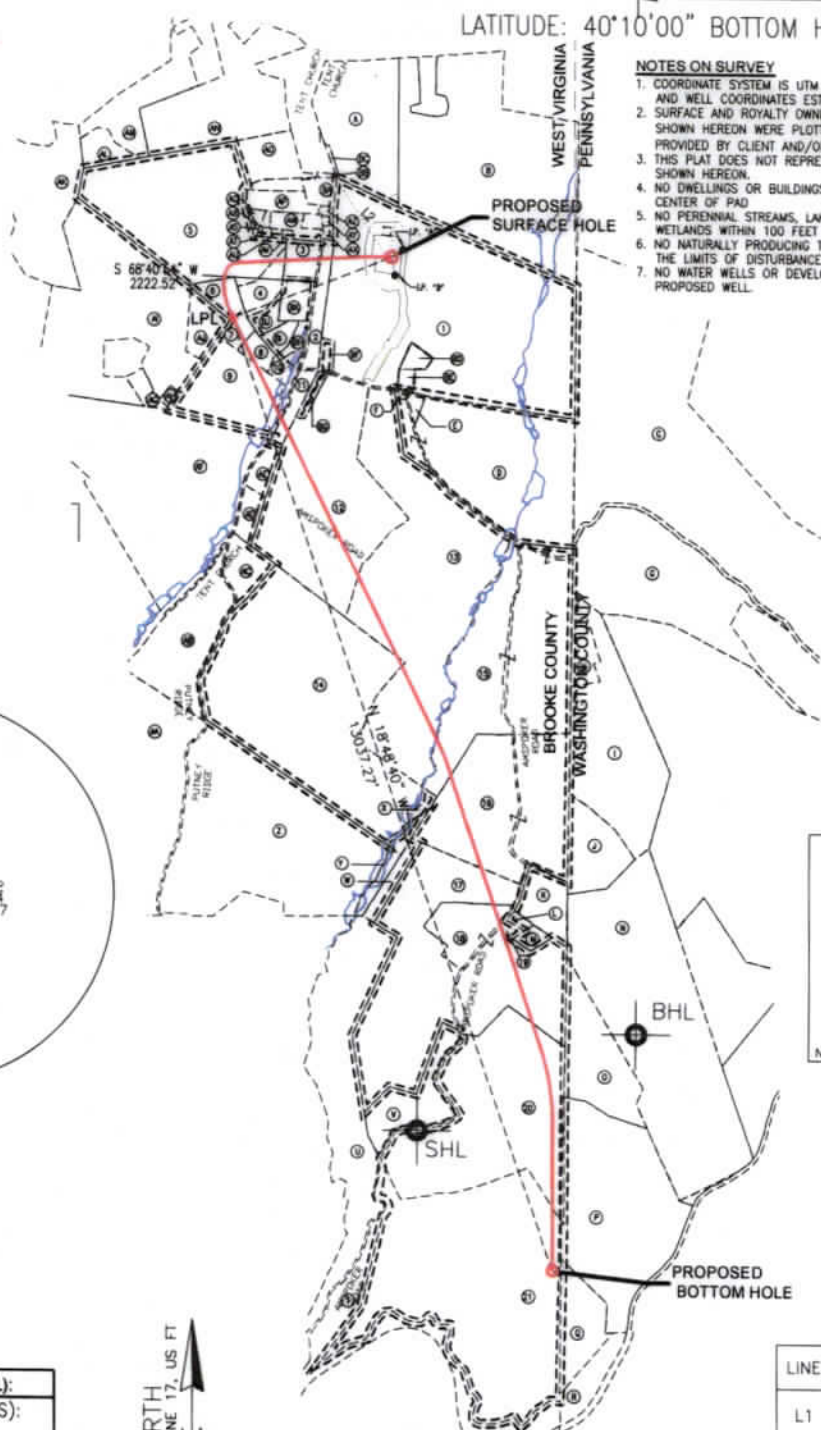
LATITUDE: 40°10'00" BOTTOM HOLE (2000' SCALE)



www.jhacompanies.com

68011 Vineyard Road  
St. Clairsville, Ohio 43950  
740-695-6100

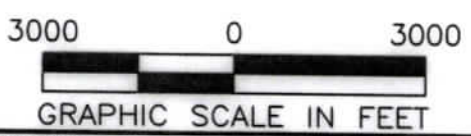
- NOTES ON SURVEY**
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
  2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.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



LONGITUDE: 80°35'00" BOTTOM HOLE (2000' SCALE)

LONGITUDE: 80°30'00" SURFACE HOLE (2000' SCALE)

LINE	BEARING	DISTANCE
L1	N05°41'26"E	676.49'
L2	N35°20'09"W	1260.66'



**SURFACE HOLE LOCATION (SHL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4465703.61  
EASTING: 540109.92

**LANDING POINT LOCATION (LPL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4465451.17  
EASTING: 539483.57

**BOTTOM HOLE LOCATION (BHL):**  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4461713.15  
EASTING: 540827.28



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. 2450

COMPANY: **SWN** Production Company, LLC

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

MINIMUM DEGREE OF ACCURACY: 1/200

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

STATE OF WV DNR B BRK

OPERATOR'S WELL #: 206H

API WELL #: **47** STATE **009** COUNTY PERMIT

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

WATERSHED: UPPER OHIO NORTH

DISTRICT: CROSS CREEK COUNTY: BROOKE/OHIO

SURFACE OWNER: STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR

OIL & GAS ROYALTY OWNER: STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR

ELEVATION: 1201.22'

QUADRANGLE: STEUBENVILLE EAST

ACREAGE: ±169.43

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **05/05/2023**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,845' TVD 19,845' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC

DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201

ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

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LEGEND:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		04-19-2023
⊙ EXISTING / PRODUCING WELLHEAD		API NO: 47-009-XXXX
LPL* LANDING POINT LOCATION		DRAWN BY: Z. WOOD
⊙ EXISTING WATER WELL		SCALE: 1" = 3000'
⊙ EXISTING SPRING		DRAWING NO: 2017-541
		WELL LOCATION PLAT



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION (S/R)	4-CC16-19
TRACT	SURFACE OWNER	TAX PARCEL
2	TICE DANNY D & MARCIA (SURV)	4-CC16-16
3	KUZMA NATHANAE L J AMY L (JTWS)	4-CC16-26.1
4	SUTER ARISSA M; COCHRAN KENNETH A (SURV)	4-CC16-27
5	LEWIS MATTHEW C & HOLLY W (SURV)	4-CC12-54.1
6	VANCAMP NEIL E JR & MICHELLE L (SURV)	4-CC16-28
7	WILLS KENNETH 1/3 WILLS TED 1/3 ELLERY DONNA 1/3	4-CC16-33
8	FIELD LEONARD KEITH	4-CC16-31
9	MAZZELLA LAWRENCE & JILL	4-CC16-25
10	HOOPER TIMOTHY S & STACY (SURV)	4-CC12-54
11	MOLNAR DENNIS SR & DENNIS JR	4-CC16-13
12	WEST VIRGINIA ST OF BUREAU DIV OF COMM DIV OF NAT RES PB LD	4-CC16-11
13	ST OF WV BUREAU OF COMM-DNR PUBLIC LAND CORP	4-CC16-23.1
14	STATE OF WV BUREAU COMM-DIV NR PUBLIC LAND CORP	4-CC16-8.1
15	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC16-23
16	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC16-24
17	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-27
18	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-30
19	GOODMAN RICHARD & JANICE	4-CC20-28
20	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-31
21	ST OF WV DEPT OF COMMERCE NAT RESOURCES DIV	4-CC20-25
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	FRESHWATER MARGARET	4-C12K-80
B	HAMILTON DEBORAH JANE	4-C12K-78
C	MCDERMITT ARTHUR C JR	380-008-00-00-0007-01
D	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	4-CC16-22
E	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	4-CC16-20
F	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	4-CC16-21
G	MCDERMITT ARTHUR C JR	380-008-00-00-0007-03
H	PENNWEIR CONSTRUCTION CO	380-014-00-00-0009-00
I	PENNWEIR CONSTRUCTION CO	380-014-00-00-0008-00
J	PENNWEIR CONSTRUCTION CO	380-014-00-00-0007-00
K	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-30
L	GOODMAN RICHARD & JANICE	4-CC20-29
M	GOODMAN RICHARD T & JANICE (SURV)	4-CC20-30.1
N	PENNWEIR CONSTRUCTION CO	380-014-00-00-0006-00
O	PENNWEIR CONSTRUCTION CO	380-014-00-00-0005-00
P	PENNWEIR CONSTRUCTION CO	380-014-00-00-0004-00
Q	PENNWEIR CONSTRUCTION CO	380-014-00-00-0003-00
R	PENNWEIR CONSTRUCTION CO	380-014-00-00-0003-00
S	NICKOLES 3 LLC	4-CC20-33
T	SLUDAY DEBORAH K	4-CC20-32
U	ST OF WV DEPT OF COMMERCE NAT RESOURCES DIV	4-CC20-25
V	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-31
W	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-26
X	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC16-8
Y	ST OF WV DEPT OF COMMERCE NAT RESOURCES	4-CC20-46
Z	WV BUREAU OF COMMERCE DIV OF NATURAL RESOURCE	4-CC16-7.1
AA	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PUB LD COM	4-CC16-6
AB	PALFALVY IRREVOCABLE TRUST DENNIS III, THE	4-CC16-5
AC	DAMI TERRY A ETAL (LE-JOSEPH T & LOIS C	4-CC16-9
AD	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD COMM	4-CC16-10
AE	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	4-CC16-12
AF	REED RONALD ALLEN	4-CC16-4
AG	BRADY RALPH A II; JOHNSTON JOYCE ANN (SURV)	4-CC16-2
AH	BRADY RALPH A II; JOHNSTON JOYCE ANN (SURV)	4-CC16-3
AI	MAROSI PAUL	4-CC16-1
AJ	VANCAMP NEIL E JR & MICHELLE L (JTWS)	4-CC16-1.5
AK	IVILL LIVING TRUST CHERYL TRUSTEE	4-C115-58
AL	DENNIS TAWNIA R	4-CC12-62
AM	DENNIS SHAWN A	4-C12J-33
AN	LANTZ SUSAN PORCH	4-C12J-28
AO	THOMAS RITA K	4-CC12-55
AP	LEWIS MATTHEW C & HOLLY W (SURV)	4-CC12-52
AQ	LONGWELL MARTY R & DIANA L (SURV)	4-CC12-48
AR	LONGWELL MARTY R & DIANA L (SURV)	4-CC12-47
AS	LONGWELL MARTY R & DIANA L (SURV)	4-CC12-46
AT	LONGWELL DIANA LYNN & MARTY ROBBON	4-CC12-45
AU	BUBECK PHILIP J	4-CC12-44
AV	BUBECK BRIAN B & STEPHANIE J (SURV)	4-CC12-43
AW	LONGWELL DIANA	4-CC12-42
AX	DODD GERALDINE	4-CC12-41
AY	DODD PAUL C & DONNA A (JTWS)	4-CC12-40
AZ	DODD PAUL C & DONNA A (JTWS)	4-CC12-39
BA	DODD LARRY G SR & NORA LOU	4-CC12-38
BB	THOMAS RITA K	4-CC12-55
BC	MONROE ALLEN & JENNIFER (JTWS)	4-CC12-63
BD	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	4-CC16-18
BE	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	4-CC16-17
BF	CUNNINGHAM TIMOTHY BRIAN	4-CC16-15
BG	PAULES DONNA K	4-CC16-14
BH	TENNANT WILLIAM J & APRIL L (JTWS)	4-CC16-34
BI	ABATE ALICIA F	4-CC16-30
BJ	STECIK KIRK & BRANDY L JTWS	4-CC16-29
BK	FAMILY CONNECTIONS INC	4-CC16-26

05/05/2023

REVISIONS:


COMPANY:			
OPERATOR'S	STATE OF WV DNR B BRK		DATE: 04-19-2023
WELL #:	206H		API NO: 47-009-XXXX
DISTRICT:	CROSS CREEK	COUNTY:	BROOKE/OHIO
		STATE:	WV
			SCALE: N/A
			DRAWING NO: 2017-541
			WELL LOCATION PLAT