

<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.158684°
LONGITUDE: -80.651488°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.203487°
LONGITUDE: -80.662444°



**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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- - - - LEASE BOUNDARY
- \* LPL LANDING POINT LOCATION
- PROPOSED PATH
- FLOOD PLAIN
- ASDRILLED PATH

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> EDWARD DREMAK OHI	<b>WELL #</b> 205H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	<b>COUNTY - CODE</b> OHIO - 069	<b>DISTRICT:</b> RICHLAND	<b>API NO:</b> 47-069-00227
<b>SURFACE OWNER:</b> ANDREW JOHN EVICK	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> TILTONVILLE, OH		



(2,000' SCALE) BOTTOM HOLE LATITUDE: 40°12'30"

10457'

(2,000' SCALE) SURFACE HOLE LATITUDE: 40°10'00"

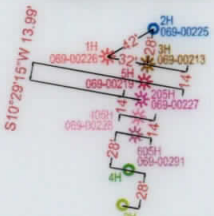
7399'



www.jhacompanies.com

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

WELL LAYOUT



NTS

WELL REFERENCE DETAIL



NTS

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.

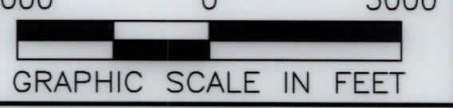
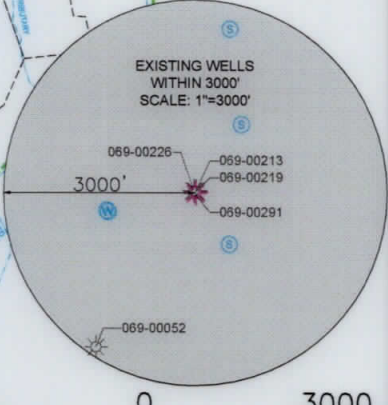
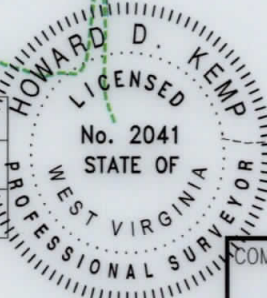
GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

(2,000' SCALE) SURFACE HOLE LONGITUDE: -80°37'30"

(2,000' SCALE) BOTTOM HOLE LONGITUDE: -80°37'30"

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4445428.05 EASTING: 529679.85
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4445743.30 EASTING: 530077.14
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4450397.99 EASTING: 528729.97
<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4445428.06 EASTING: 529679.97
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4445760.08 EASTING: 530078.43
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4450397.28 EASTING: 528728.00

LINE	BEARING	DISTANCE
L1	S86°39'14"W	740.41
L2	N76°43'26"W	761.89'



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. 2041

COMPANY: **SWN** Production Company, LLC

(+) 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)

EDWARD DREMAK OHI  
OPERATOR'S WELL #: 205H

API WELL #: **47** **069** **00227**  
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH  
DISTRICT: RICHLAND COUNTY: OHIO  
ELEVATION: 1,087.7'

SURFACE OWNER: ANDREW JOHN EVICK  
OIL & GAS ROYALTY OWNER: JOANNE V. DREMAK  
QUADRANGLE: TILTONVILLE, OH  
ACREAGE: ±34.19  
ACREAGE: ±34.19

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

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **AS-DRILLED**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,803' TVD 22,313' TMD

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

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

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- LPL\* LANDING POINT LOCATION
- ⊙ EXISTING WATER WELL
- ⊙ EXISTING SPRING
- SURVEYED BOUNDARY
- ===== LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

REVISIONS:

DATE: 03-27-2019
API NO: 47-069-00227
DRAWN BY: D. REED
SCALE: 1" = 3000'
DRAWING NO: 2018-284
WELL LOCATION PLAT



WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	ANDREW JOHN EVICK (S) JOANNE V. DREMAK (R)	04-R5-54
TRACT	SURFACE OWNER	TAX PARCEL
2	ANDREW JOHN EVICK	04-R5-49
3	WINDSOR COAL COMPANY	04-R8-8.1
4	THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO	04-R5-55
5	THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO	04-R5-10
6	HENRY W. ZEIDLER, JUDITH K. ZEIDLER & MARGARET L. BURGGRAF	03-B46-0015.0000
7	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	GIRTYS POINT ROAD
8	BARRY L. & PATRICIA A. GREATHOUSE	03-B46-0018.0000
9	LAWRENCE R. & ROSEMARY KINDER	03-B41-0021.0004
10	LAWRENCE R. & ROSEMARY MOORE	03-B41-0021.0001
11	STANLEY RAE KRUPINSKI & MEREDITH KINDER MOORE	03-B41-0021.0003
12	ROSEMARY KINDER MOORE	03-B41-0030.0000
13	WINDSOR COAL COMPANY	03-B41-0005.0000
14	WINDSOR COAL COMPANY	01-BB41-0003.0000

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ALLIANCE RESOURCE GP, LLC	04-R8-6
B	ALLIANCE RESOURCE GP, LLC	04-R5-52
C	ALLIANCE RESOURCE GP, LLC	04-R5-53
D	WINDSOR COAL COMPANY, LLC	04-R5-50
E	JOHN W. METZ	04-R5-46
F	BURNT MILL ACRES, LLC	04-R5-13
G	S.E.W. TRUST	04-R5-9
H	RODNEY K. & NEDRA C. MCCONNELL	04-R2-20
I	RODNEY K. & NEDRA C. MCCONNELL	03-B46-0014.0000
J	HENRY W. ZEIDLER, JUDITH ZEIDLER & MARGARET BURGGRAF	03-B46-0013.0000
K	KENNETH D. & BARBARA J. COVER	03-B46-0012.0000
L	JOAN GARRETT	03-B46-0009.0000
M	JOAN GARRETT	03-B46-0017.0000
N	SIDNEY W. MOZINGO, JR. & VICTORIA L. MOZINGO	03-B46-0005.0000
O	ALEX & DARLA ANN MUSHET	03-B46-0004.0000
P	EVERT RUNYAN	03-B41-0018.0000
Q	WINDSOR COAL COMPANY	03-B41-0020.0000
R	WINDSOR HEIGHTS VILLAGE	08-W41N-0139.0000
S	NEIL A. & JANICE C. ABRAHAMSON	03-B41-0024.0000
T	NEIL A. & JANICE C. ABRAHAMSON	03-B41-0025.0000
U	WILLIAM I. KNIGHT, II & MEREDITH M. SERTICH	08-W41N-0129.0000
V	JAYCOB HAYDEN DOTY & HAYLEY A. DOTY	08-W41N-0130.0000
W	WILLIAM C. & PEGGY L. MCGILL	08-W41N-0131.0000
X	WINDSOR COAL COMPANY	03-B41-0021.0000
Y	THE VILLAGE OF WINDSOR HEIGHTS	03-B41-0029.0000
Z	MT OLIVE BAPTIST CHURCH	01-B405-0001.0000
AA	WINDSOR COAL COMPANY	01-BB41-0005.0000
AB	OHIO FRANKLIN REAL ESTATE COMPANY	01-BB41-0004.0000
AC	THE BROOKE COUNTY COMMISSION	01-BB41-0008.0000
AD	OHIO FRANKLIN REAL ESTATE COMPANY	01-BB41-0002.0000
AE	WEST PENN POWER COMPANY	01-BB41-0017.0000
AF	WEST PENN POWER COMPANY	01-BB41-0016.0000
AG	WEST PENN POWER COMPANY	01-BB41-0007.0000
AH	WINDSOR COAL COMPANY	03-B41-0007.0000
AI	WINDSOR COAL COMPANY	03-B41-0039.0000
AJ	SYLVESTER & MARY KELLER	03-B41-0038.0000
AK	DONNA MARIE PEREZ	03-B41-0037.0000
AL	ROSEMARY KINDER MOORE	03-B41-0035.0000
AM	MICHAEL A. & LINDA S. WOLEN	03-B41-0036.0000
AN	LAWRENCE & ROSEMARY MOORE	03-B41-0034.0000
AO	LAWRENCE R. & ROSEMARY K. MOORE	03-B41-0033.0000
AP	CHARLES BELL ESTATE	03-B41-0031.0000
AQ	BARRY L. & PATRICIA A. GREATHOUSE	03-B41-0032.0000
AR	BARRY L. & PATRICIA A. GREATHOUSE	03-B41-0083.0000
AS	BARRY L. & PATRICIA A. GREATHOUSE	03-B46-0019.0000
AT	STACY ANN GREATHOUSE & PATRICIA ANN GREATHOUSE	03-B46-0041.0000
AU	BARRY L. & PATRICIA A. GREATHOUSE	03-B41-0082.0000
AV	DANNY GENE BRITT & MARGARET VIRGINIA	03-B46-0027.0000
AW	TRACY GILBERT	03-B46-0022.0001
AX	BRUCE D. BONAR (S) & WILLIAM BONAR (R)	03-B46-0020.0000
AY	MARC SEAMON	04-R6-2
AZ	SHORT CREEK COAL COMPANY (C/O RAYLE COAL COMPANY)	04-R6-17.3
BA	SHORT CREEK COAL COMPANY (C/O RAYLE COAL COMPANY)	04-R6-17
BB	MARC SEAMON	04-R6-37
BC	SHORT CREEK CEMETERY ASSOCIATION, TRUSTEES	04-R5-57
BD	SHORT CREEK METHODIST CHURCH	04-R5-60
BE	ROBERT L. & GWENDOLYN NOVAK	04-R5-59
BF	ERIC W. & LISA N. GADD	04-R5-55.1
BG	ERIC W. & LISA N. GADD	04-R5-55.3
BH	DELBERT E. & CAROL L. HUFFMAN	04-R8-16.2
BI	LUTHER R. II & D.F. SMITH	04-R8-16.1
BJ	AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC	04-R8-15
BK	ALLIED WASTE, INC	04-R5-56.1
BL	ALLIED WASTE, INC	04-R5-56
BM	RODNEY & A.J. SNYDER	04-R8-13
BN	ARTHUR ENNIS, PEGGY CLARK & ALMA SINCAVICH	04-R8-9
BO	GORDON E. & DEBORAH P. DREMAK	04-R8-8.15
BP	DHD COUNTY COMMISSION	04-R8-8.16
BO	TUNNEL RIDGE, LLC	04-R8-8.17
BR	TUNNEL RIDGE, LLC	04-R8-8.14
BS	TUNNEL RIDGE, LLC	04-R8-8.2
BT	SUSAN L. CAIN	04-R8-8.3
BU	TUNNEL RIDGE, LLC	04-R8-8.18
BV	HAMMOND PUBLIC SERVICE DISTRICT	03-B41-0021.0002
BW	RICHARD L. & DEBORAH K. BLACK	04-R5-58.1
BX	RAY W. ARCHER	04-R5-58
BY	BRYAN K. & LAURA L. PETTIT	04-R5-55.4
BZ	EDWARD W. & JOANNE V. DREMAK	04-R5-54.1

REVISIONS:

COMPANY:

**SWN**  
Production Company, LLC

**SWN** <sup>R</sup>/<sub>A</sub> → V+0  
Production Company™

OPERATOR'S

EDWARD DREMAK OHI

DATE: 03-27-2019

WELL #:

205H

API NO: 47-069-00227

DISTRICT:  
RICHLAND

COUNTY:  
OHIO

STATE:  
WV

DRAWN BY: D. REED

SCALE: N/A

DRAWING NO: 2018-284

WELL LOCATION PLAT

PROPERTY NUMBER 2501165806  
PAD ID 3001165800