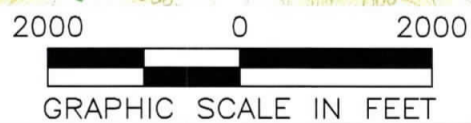


<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.158722°
LONGITUDE: -80.651479°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.198447°
LONGITUDE: -80.663394°



**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
- EXISTING / PRODUCING WELLHEAD
- ★ LPL\* LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

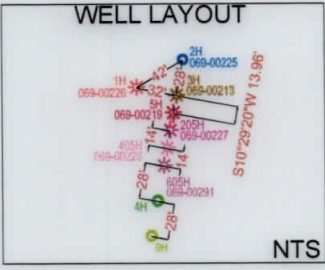
<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> EDWARD DREMAK OHI	<b>WELL #</b> 5H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	<b>COUNTY - CODE:</b> OHIO - 069	<b>DISTRICT:</b> RICHLAND	<b>API NO:</b> 47-069-00219
<b>SURFACE OWNER:</b> JOHN ANDREW EVICK	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> TILTONVILLE, OH		



(2,000' SCALE) SURFACE HOLE LATITUDE: 40°10'00" / 7397' (2,000' SCALE) BOTTOM HOLE LATITUDE: 40°12'30" / 10723'

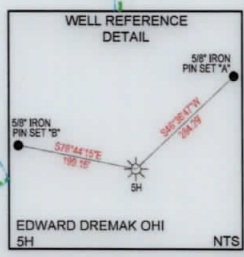
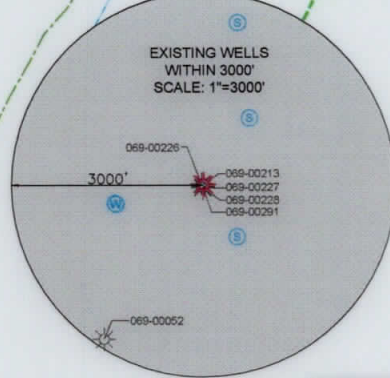
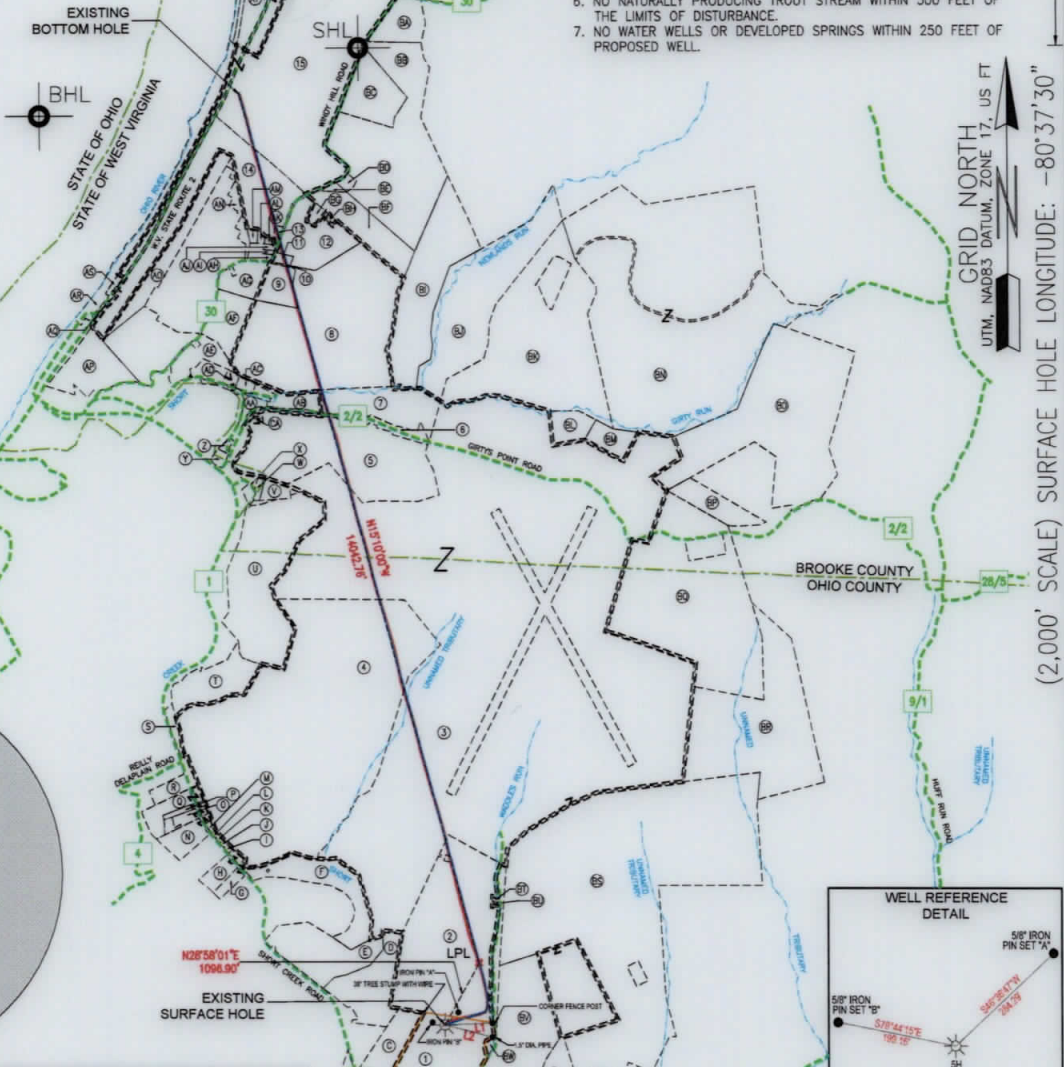


www.jhacompanies.com  
68011 Vineyard Road  
St. Clairsville, Ohio 43950  
740-695-6100



**NOTES ON SURVEY**

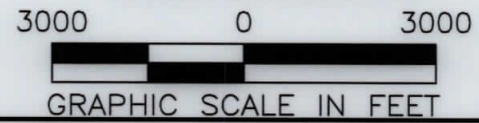
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES 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.



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445432.26 EASTING: 529680.68	<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445727.33 EASTING: 529837.55
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4449837.61 EASTING: 528649.24	

<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445432.27 EASTING: 529680.60
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445677.80 EASTING: 529854.92
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4449842.68 EASTING: 528649.75

LINE	BEARING	DISTANCE
L1	S87°42'36"W	737.19'
L2	N75°40'26"W	762.70'



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 *[Signature]* 3/27/19

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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: EDWARD DREMAK OHI 5H API WELL #: 47 069 00219 STATE COUNTY PERMIT
---	--	--

WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input checked="" type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input type="checkbox"/> WATERSHED: UPPER OHIO SOUTH DISTRICT: RICHLAND COUNTY: OHIO SURFACE OWNER: ANDREW JOHN EVICK OIL & GAS ROYALTY OWNER: EDWARD W. & JOANNE V. DREMAK	ELEVATION: 1,087.7' QUADRANGLE: TILTONSVILLE, OH ACREAGE: ±34.19 ACREAGE: ±34.19
--	---

DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,795' TVD 20,407' 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
--	--

<b>LEGEND:</b> * PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION W EXISTING WATER WELL S EXISTING SPRING --- SURVEYED BOUNDARY ===== LEASE BOUNDARY --- ASDRILLED PATH --- PROPOSED PATH	<b>REVISIONS:</b> DATE: 03-27-2019 API NO: 47-069-00219 DRAWN BY: D. REED SCALE: 1" = 3000' DRAWING NO: 2018-284 WELL LOCATION PLAT
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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	THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO	04-R5-10
4	SHANE E. WOLOSAN, TRUSTEE	04-R5-9
5	HENRY W. ZEIDLER, JUDITH K. ZEIDLER & MARGARET L. BURGRAF	03-B46-0015.0000
6	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	GIRTYS POINT ROAD
7	BARRY L. & PATRICIA A. GREATHOUSE	03-B46-0018.0000
8	LAWRENCE R. MOORE & ROSEMARY KINDER	03-B41-0021.0004
9	NEIL A. & JANICE C. ABRAHAMSON	03-B41-0024.0000
10	NEIL A. & JANICE C. ABRAHAMSON	03-B41-0021.0005
11	NEIL A. & JANICE C. ABRAHAMSON	03-B41-0025.0000
12	LAWRENCE R. & ROSEMARY MOORE	03-B41-0021.0001
13	THE VILLAGE OF WINDSOR HEIGHTS	03-B41-0029.0000
14	WINDSOR COAL COMPANY	03-B41-0021.0000
15	WINDSOR COAL COMPANY	03-B41-0005.0000

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 (C/O CNX LAND-PROPERTY TAX)	04-R5-50
E	JOHN W. METZ	04-R5-46
F	BURNT MILL ACRES, LLC (C/O MARK FOSTER)	04-R5-13
G	JULIE A. KOEHLER	04-R5-45.4
H	JULIE A. KOEHLER	04-R5-45.13
I	CAROL G. TAYLOR, MARK J. TAYLOR & SUE A. HOWARD	04-R5-12
J	CAROL G. TAYLOR, MARK J. TAYLOR & SUE A. HOWARD	04-R5-14
K	THERESE FLICK	04-R5-15
L	DALE A. & JENNIFER A. VILLANI	04-R5-16
M	DALE A. & JENNIFER A. VILLANI	04-R5-17.1
N	ROBERT N. & C.L. CONNER	04-R5-17
O	PATRICIA ROUSH	04-R5-18
P	ERVAN D. & NANCY G. TRUBIANO	04-R5-19
Q	BRIAN W. & MELINDA K. SOWIZRAL	04-R5-20.1
R	DENNIS J. & SHEINA L. HOSKINS	04-R5-20.4
S	HAROLD & LINDA COAST	04-R5-2.9
T	ROBERT KUBOVICZ	04-R5-8
U	RODNEY K. & N.C. MCCONNELL	04-R2-20
V	RODNEY K. & NEDRA C. MCCONNELL	03-B46-0014.0000
W	RODNEY K. & N.C. MCCONNELL	04-R2-18.2
X	SYLVIA A. HAWRANICK	04-R2-18.1
Y	HENRY W. ZEIDLER, JUDITH K. ZEIDLER & MARGARET L. BURGRAF	03-B46-0013.0000
Z	KENNETH D. & BARBARA J. COVER	03-B46-0012.0000
AA	JOAN GARRETT	03-B46-0009.0000
AB	JOAN GARRETT	03-B46-0017.0000
AC	SIDNEY W. MOZINGO, JR. & VICTORIA L. MOZINGO	03-B46-0005.0000
AD	ALEC MUSHET & DARLA ANN MUSHET	03-B46-0004.0000
AE	EVERT RUNYAN	03-B41-0018.0000
AF	WINDSOR COAL COMPANY	03-B41-0020.0000
AG	VILLAGE OF WINDSOR HEIGHTS	08-W41N-0139.0000
AH	WILLIAM I. KNIGHT, II & MEREDITH M. SERTICH	08-W41N-0129.0000
AI	JAYCOB HAYDEN DOTY & HAYLEY A. DOTY	08-W41N-0130.0000
AJ	WILLIAM C. MCGILL & PEGGY L. MCGILL	08-W41N-0131.0000
AK	WILLIAM C. MCGILL & PEGGY L. MCGILL	03-B41-0028.0000
AL	DOUGLAS CUNNINGHAM	03-B41-0027.0000
AM	MONICA P. GRAY	03-B41-0026.0000
AN	WINDSOR HEIGHTS DEVELOPMENT COMPANY	08-W41J-0002.0000
AO	WINDSOR HEIGHTS DEVELOPMENT CORPORATION	08-W41J-0001.0000
AP	LAMBROS TSUHLARES	03-B40S-0016.0000
AQ	RIGHT OF WAY (STATE ROUTE #2: RIVER ROAD)	XXXXX
AR	WINDSOR COAL COMPANY	01-BB41-0005.0000
AS	MT. OLIVE BAPTIST CHURCH	01-B40S-0001.0000
AT	WINDSOR COAL COMPANY	01-BB41-0003.0000
AU	WEST PENN POWER COMPANY	01-BB41-0017.0000
AV	WEST PENN POWER COMPANY	01-BB41-0016.0000
AW	WEST PENN POWER COMPANY	01-BB41-0007.0000
AX	WINDSOR COAL COMPANY	03-B41-0007.0000
AY	WINDSOR COAL COMPANY	03-B41-0039.0000
AZ	SYLVESTER & MARY KELLER	03-B41-0038.0000
BA	DONNA MARIE PEREZ	03-B41-0037.0000
BB	ROSEMARY KINDER MOORE	03-B41-0035.0000
BC	MICHAEL A. & LINDA S. WOLEN	03-B41-0036.0000
BD	LAWRENCE & ROSEMARY MOORE	03-B41-0034.0000
BE	LAWRENCE R. & ROSEMARY K. MOORE	03-B41-0033.0000
BF	ROSEMARY KINDER MOORE	03-B41-0030.0000
BG	STANLEY RAE KRUPINSKI & MEREDITH KINDER MOORE KRUPINSKI	03-B41-0021.0003
BH	HAMMOND PUBLIC SERVICE DISTRICT	03-B41-0021.0002
BI	CHARLES D. BELL TESTAMENTARY TRUST, CHARLES W. BELL, BETTY BELL WILLIAMS, PEGGY BELL HRACH, MEGAN CALDWELL, SCOTT CALDWELL & CHAD CALDWELL	03-B41-0031.0000
BJ	BARRY L. & PATRICIA A. GREATHOUSE	03-B41-0032.0000
BK	BARRY L. & PATRICIA A. GREATHOUSE	03-B41-0083.0000
BL	BARRY L. & PATRICIA A. GREATHOUSE	03-B46-0019.0000
BM	STACY ANN GREATHOUSE & PATRICIA ANN GREATHOUSE	03-B46-0041.0000
BN	BARRY L. & PATRICIA A. GREATHOUSE	03-B41-0082.0000
BO	DANNY GENE & VIRGINIA MARGARET BRITT	03-B46-0027.0000
BP	TRACY GILBERT	03-B46-0022.0001
BQ	BRUCE D. BONAR	03-B46-0020.0000
BR	MARC SEAMON	04-R6-2
BS	THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO	04-R5-55
BT	RICHARD L. & DEBORAH K. BLACK	04-R5-58.1
BU	RAY W. ARCHER	04-R5-58
BV	WINDSOR COAL COMPANY	04-R8-8.1
BW	EDWARD W. & JOANNE V. DREMAK	04-R5-54.1
BX	ALLIED WASTE, INC	04-R5-56
BY	TUNNEL RIDGE, LLC	04-R8-8.18
BZ	SUSAN L. CAIN	04-R8-8.3
CA	HAMMOND PUBLIC SERVICE DISTRICT	03-B46-0016.0000

REVISIONS:

COMPANY:

**SWN**  
Production Company, LLC

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

OPERATOR'S

EDWARD DREMAK OHI

DATE: 03-27-2019

WELL #:

5H

API NO: 47-069-00219

DISTRICT:  
RICHLAND

COUNTY:  
OHIO

STATE:  
WV

DRAWN BY: D. REED

SCALE: N/A

DRAWING NO: 2018-284

WELL LOCATION PLAT

PROPERTY NUMBER 2501165809  
PAD ID 3001165800