

LATITUDE: 40°10'00" SURFACE HOLE (2000' SCALE) ← 7429'

LATITUDE: 40°10'00" BOTTOM HOLE (2000' SCALE) ← 5119'

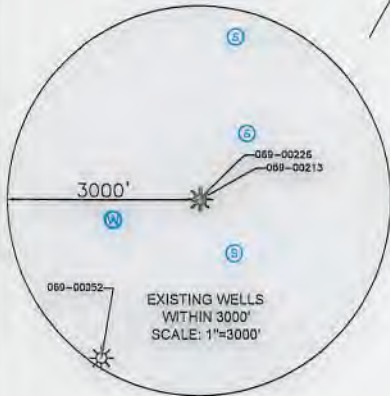
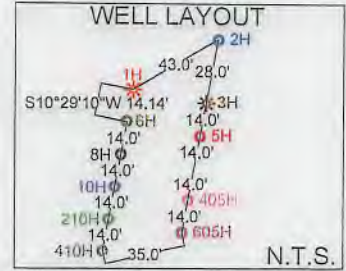
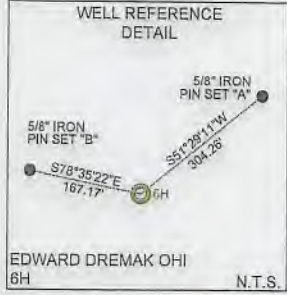


www.jhacompanies.com

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

NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- 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.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

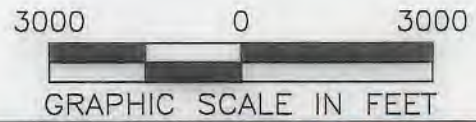


GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

LONGITUDE: 80°37'30" BOTTOM HOLE (2000' SCALE)  
LONGITUDE: 80°37'30" SURFACE HOLE (2000' SCALE)

<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445433.87 EASTING: 529671.06
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445152.15 EASTING: 529543.14
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4442398.58 EASTING: 530387.18

LINE	BEARING	DISTANCE
L1	S88°14'16"W	768.43'
L2	N75°49'42"W	794.63'



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 ELEVATION: GRADE GPS (NAVD 88, US FT)	EDWARD DREMAK OHI OPERATOR'S WELL #: 6H  API WELL #: 47 069 00316 444 STATE COUNTY PERMIT
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WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,087.8'

DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONVILLE, OH-WV

SURFACE OWNER: ANDREW JOHN EVICK ACREAGE: ±34.19

OIL & GAS ROYALTY OWNER: EDWARD W. & JOANNE V. DREMAK 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)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,897' TVD 15,672' 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 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 --- NATURAL WATERWAY --- SURVEYED BOUNDARY == LEASE BOUNDARY --- PROPOSED PATH --- PUBLIC ROAD	<b>REVISIONS:</b> DATE: 07-26-2019 API NO: 47-069-XXXX DRAWN BY: D. REED SCALE: 1" = 3000' DRAWING NO: 2018-284 WELL LOCATION PLAT
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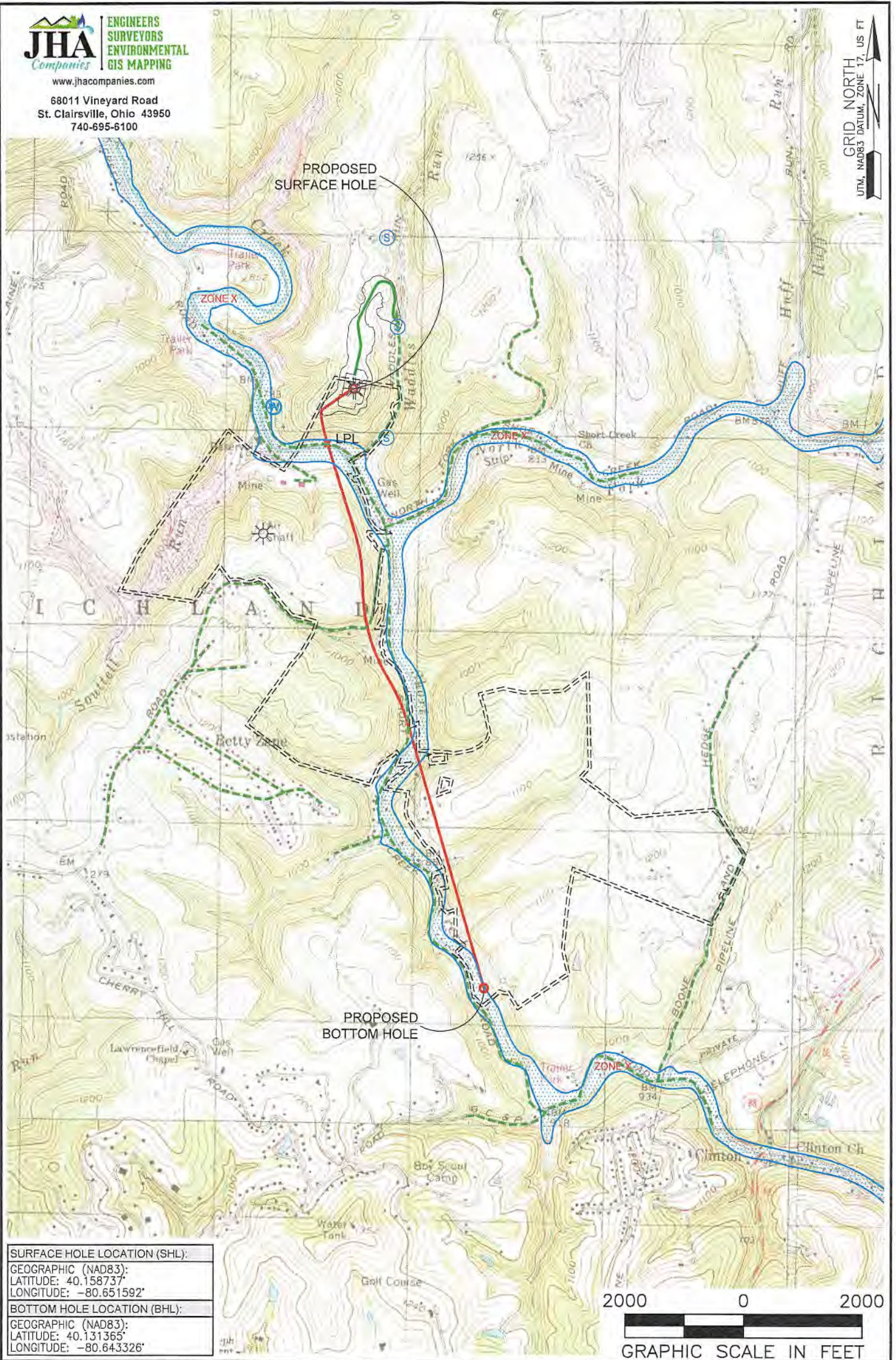
WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	ANDREW JOHN EVICK (S) EDWARD W. & JOANNE V. DREMAK (R)	04-R5-54.0
TRACT	SURFACE OWNER	TAX PARCEL
2	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R8-06.0
3	TUNNEL RIDGE, LLC	04-R8-76.0
4	TUNNEL RIDGE, LLC	04-R8-26.0
5	TUNNEL RIDGE, LLC	04-R8-27.7
6	WV DOT, DIVISION OF HIGHWAYS	04-R8-9999.9999
7	TUNNEL RIDGE, LLC	04-R8-20.0
8	TUNNEL RIDGE, LLC	04-R8-20.2
9	TUNNEL RIDGE, LLC	04-R8-20.3
10	TUNNEL RIDGE, LLC	04-R8-22.0
11	TUNNEL RIDGE, LLC	04-R8-22.1
12	TUNNEL RIDGE, LLC	04-R8-61.4
13	TUNNEL RIDGE, LLC	04-R12-01.3
14	TUNNEL RIDGE, LLC	04-R11-34.1
15	TUNNEL RIDGE, LLC	04-R11-34.9
16	TUNNEL RIDGE, LLC	04-R11-34.13
17	JAMES V. & EDITH M. STANTON	04-R11-34.4
18	JAMES & EDITH STANTON	04-R11-34.11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BK	WILLIAM S. CALVERT	04-R8L-28.0
BL	THOMAS A. & TRICIA L. GILSON	04-R8L-08.1
BM	ADAM B. & STACEY L. CAMPBELL	04-R8F-03.0
BN	CAROL S. STANTON	04-R8-28.9
BO	THOMAS D. KASUNIC	04-R8-28.2
BP	DONALD R. & MINNIE JEAN TAYLOR (L/E); KIMBERLY J. KOCHY & TAMI L. TYSK, REMAINDER	04-R8-28.0
BQ	JAMES G. & TAMI L. TYSK	04-R8-28.5
BR	BARRY L. & PENNY S. MCCONNELL	04-R8-28.12
BS	BARRY L. & PENNY S. MCCONNELL	04-R8-28.4
BT	BARRY L. & PENNY S. MCCONNELL	04-R8-29.1
BU	RICHARD, JR. & LINDA L. CAROLL	04-R8-06.1
BV	RICHARD, JR. & LINDA L. CAROLL	04-R8-33.0
BW	JOHN P. & PAMELA J. BARBALEY	04-R8-33.2
BX	WILLIAM F. WENDEL	04-R8-33.1
BY	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R8-05.0
BZ	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R8-03.1
CA	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R5-43.0
CB	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R5-45.6
CC	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R5-52.0
CD	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT III FOUNDATION	04-R5-53.0
CE	TUNNEL RIDGE, LLC	04-R8-20.4
CF	TUNNEL RIDGE, LLC	04-R8-20.1

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ANDREW JOHN EVICK, SINGLE	04-R5-49.0
B	WINDSOR POWER COAL COMPANY	04-R8-08.1
C	ANDREW JOHN EVICK, SINGLE	04-R5-54.1
D	TUNNEL RIDGE, LLC	04-R8-08.1B
E	SUSAN L. CAIN	04-R8-08.3
F	TUNNEL RIDGE, LLC	04-R8-08.2
G	TUNNEL RIDGE, LLC	04-R8-08.9
H	OHIO COUNTY COMMISSION	04-R8-08.16
I	JUDITH K. TYLER	04-R8-08.8
J	AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC	04-R8-15.0
K	LOUIS R. HERCULES & ET AL	04-R8-07.0
L	DEBRA S. SHEPHERD	04-R8-15.2
M	XXXXXX	04-R8-00-DOH
N	SUZANNE F. STANLEY (L/E); BELINDA SUE DILLY, REMAINDER	04-R8-23.0
O	MELISSA E. & RALPH L., II FRITTER	04-R8-25.3
P	MELISSA E. & RALPH L., II FRITTER	04-R8-25.0
Q	TUNNEL RIDGE, LLC	04-R8-15.4
R	TUNNEL RIDGE, LLC	04-R8-27.6
S	TUNNEL RIDGE, LLC	04-R8-21.2
T	TUNNEL RIDGE, LLC	04-R8-20.5
U	AMERICAN DISPOSAL SERVICES OF WEST VIRGINIA, INC	04-R8-61.0
V	LEWIS R. & ROSEANN F. HOPKINS	04-R9-05.0
W	WILLIAM ISAAC KNIGHT & MEREDITH SERTICH	04-R9-03.7
X	DONNA MARTIN EVANS	04-R9-03.5
Y	BETH ANNE KENNEDY	04-R9-03.4
Z	RCK 2 GROUP	04-R9-01.0
AA	WILLIAM H. & CAROL L. REUTHER	04-R9-02.0
AB	BRADFORD & NANNETTA HARTLEY	04-R9-01.3
AC	GREGORY TAGGART	04-R9-50.0
AD	DOMINIC J. & SHERRIE D. COTTRELL	04-R12-19.30
AE	ELIAS JOSEPH	04-R12-01.0
AF	HOWARD L. & BETTY M. SHACKLEFORD	04-R11-35.2
AG	JAMES V. & EDITH M. STANTON	04-R11-34.0
AH	SANDSCREST FOUNDATION, INC	04-R11-15.0
AI	TUNNEL RIDGE, LLC	04-R11-34.2
AJ	TUNNEL RIDGE, LLC	04-R11-34.5
AK	TUNNEL RIDGE, LLC	04-R11-34.6
AL	TUNNEL RIDGE, LLC	04-R11-34.3
AM	TUNNEL RIDGE, LLC	04-R11-34.12
AN	TUNNEL RIDGE, LLC	04-R8-61.2
AO	TUNNEL RIDGE, LLC	04-R8-61.1
AP	TUNNEL RIDGE, LLC	04-R8-74.0
AQ	TUNNEL RIDGE, LLC	04-R8-60.1
AR	TUNNEL RIDGE, LLC	04-R8-59.0
AS	TUNNEL RIDGE, LLC	04-R8-60.0
AT	TUNNEL RIDGE, LLC	04-R8-58.0
AU	TUNNEL RIDGE, LLC	04-R8-58.1
AV	KENDRA L. & RALPH J. HUFFMAN	04-R8-55.0
AW	MARILYN L. BLAKE	04-R8-27.2
AX	TUNNEL RIDGE, LLC	04-R8-21.1
AY	SUSAN KOGUT & BRADLEY MCGRATH	04-R8-27.5
AZ	MARILYN R. BLAKE	04-R8-27.0
BA	JAMES KEVIN CRUPE, SR.	04-R8L-49.0
BB	WAYNE D. & MARY R. THOMAS	04-R8L-41.0
BC	DOROTHY T. LEOS	04-R8L-40.0
BD	ALBERT D. & BARBARA J. ROBRECHT	04-R8L-21.0
BE	ALBERT D. & BARBARA J. ROBRECHT	04-R8L-22.0
BF	MICHAEL L. & PATRICIA M. ALLEN	04-R8L-23.0
BG	SILO, LLC	04-R8L-13.0
BH	MICHAEL J. & EKATERINA BOWMAN	04-R8L-25.0
BI	CHAD D. & MELISSA E. LIZON	04-R8L-26.0
BJ	WILLIAM S. CALVERT	04-R8L-27.0

REVISIONS:


COMPANY:					
OPERATOR'S		EDWARD DREMAK OHI		DATE: 07-26-2019	
WELL #:		47-061-00316 6H		API NO: 47-069-XXXXX	
DISTRICT:		RICHLAND		DRAWN BY: D. REED	
COUNTY:		OHIO		SCALE: N/A	
STATE:		WV		DRAWING NO: 2018-284	
WELL LOCATION PLAT					



<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.158737°
LONGITUDE: -80.651592°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.131365°
LONGITUDE: -80.643326°

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

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> EDWARD DREMAK OHI	<b>WELL #</b> 6H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	<b>COUNTY:</b> OHIO	<b>CODE:</b> 069	<b>DISTRICT:</b> RICHLAND
<b>SURFACE OWNER:</b> ANDREW JOHN EVICK	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> TILTONSVILLE, OH-WV		
<b>API #</b> 47-069-XXXX			