

LATITUDE: 40°12'30" SURFACE HOLE (2000' SCALE)

7318'

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

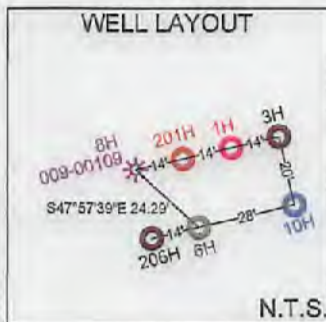
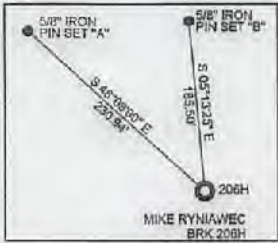
3754'



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

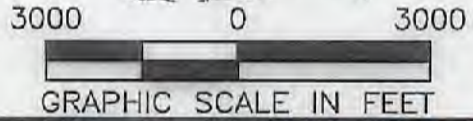
NOTES ON SURVEY

- 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 525 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.



LINE	BEARING	DISTANCE
L1	N05°50'30"E	1782.38'
L2	N14°27'55"W	1883.70'

<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448968.71 EASTING: 533254.11
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4448890.51 EASTING: 532791.74
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4445152.21 EASTING: 534360.65



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]* 12/16/21

COMPANY: **SWN** Production Company, LLC

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL &amp; GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)</p>	<p>MIKE RYNIAWEC BRK</p> <p>OPERATOR'S WELL #: 206H</p> <p>API WELL #: 47 009 00330</p> <p>STATE COUNTY PERMIT</p>
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WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1148.1'

DISTRICT: BUFFALO COUNTY: BROOKE/OHIO QUADRANGLE: BETHANY WV

SURFACE OWNER: MIKE RYNIAWEC ACREAGE: ±102.0

OIL & GAS ROYALTY OWNER: MIKE RYNIAWEC ACREAGE: ±102.0

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: 6,038' TVD 19,977' 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

<p>LEGEND:</p> <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>NATURAL WATERWAY</li> <li>SURVEYED BOUNDARY</li> <li>LEASE BOUNDARY</li> <li>PROPOSED PATH</li> <li>PUBLIC ROAD</li> </ul>	<p>REVISIONS:</p> <p>DATE: 12-16-2021</p> <p>API NO: 47-009-XXXXX</p> <p>DRAWN BY: R.GRIMES</p> <p>SCALE: 1" = 3000'</p> <p>DRAWING NO: 2017-220</p> <p>WELL LOCATION PLAT</p>
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WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RYNIAWEC MIKE (S/R)	3-B42-33
TRACT	SURFACE OWNER	TAX PARCEL
2	APPALACHIA MIDSTREAM SERVICES LLC	3-B42-29
3	FLUHARTY ELIZABETH ELLEN	3-B47-18
4	BUREK JOSEPH S & JANE M	3-B47-19
5	SUTER STETSON E & WENDY S	3-B47-23
6	SAYRE LAWRENCE & MARTHA (SURV)	3-B47-14
7	DWYER CAROL	3-B47-25
8	BONAR CHARLES W & CHARLOTTE R	3-1-2.6
9	BONAR MATTHEW P	3-1-4
10	BONAR CHARLOTTE R	3-1-21
11	STATE OF WEST VIRGINIA, DEPARTMENT OF HIGHWAYS	GIRTYS POINT ROAD
12	WEST LIBERTY FEDERATED CHURCH TRUSTEES	9-WL3-62.1
13	R & D HOLDINGS LLC	9-WL3-62
14	STATE OF WEST VIRGINIA, DEPARTMENT OF HIGHWAYS	STATE ROUTE 88
15	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.7
16	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.6
17	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.8
18	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.9
19	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.4
20	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BONAR JAMES L ETAL	3-B42-54
B	WINDSOR POWER HOUSE COAL CO	3-B42-55
C	SMITH RALPH O & GINA L	3-B42-64
D	TURNER DOUGLAS L & BELINDA	3-B42-35
E	SCHWERTFEGER NOEL R	3-B42-40
F	PAUGH LAWRENCE GRANT	3-B47-20
G	PAUGH LAWRENCE G & CATHIE SUE	3-B47-21
H	MILLER JOHN D; NEWMAN JENNIFER LYN (SURV)	3-B47-22
I	GREATHOUSE ROBERT E & LAURA G	3-B47-25.1
J	SPEECE THURMAN O JR & KATHY J	3-B47-24
K	DWYER PHILIP R CORRISA	3-B47-25.4
L	WILHELM SCOTT T	3-B47-28.1
M	ABERCROMBIE WAYNE A JR	3-B47-23
N	DWYER CAROL G	3-B47-29
O	DWYER CAROL G	3-B47-30
P	HOOD RONALD J & BETH A	3-B47-27
Q	HOOD BETH ANN	3-B47-25.2
R	HARWATT TERRY D	3-B47-32.1
S	DWYER CAROL	3-B47-25.3
T	HARWATT EDITH R & TERRY D; NEIL, SUZANNE	3-B47-32
U	HARWATT TERRY D	3-B47-32.2
V	ROEDER SUSAN IRENE; FRANCIS GLEN ETAL	3-B47-34
W	MILVET ROBERT W & EDITH A	3-B47-42
X	ENNIS DEREK J & NICOLE L	3-B47-43
Y	ENNIS DEREK J & NICOLE L	3-1-43
Z	ENNIS DEREK J & NICOLE L	3-1-4.2
AA	BONAR MATTHEW P	3-1-21.1
AB	RICE MICHAEL A & DIANA L	9-WL3-9
AC	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-51
AD	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-53
AE	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-54
AF	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-60
AG	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-61
AH	STATE BOARD OF EDUCATION WEST LIBERTY STATE COLLEGE	9-WL3-65
AI	PRALL CEMETERY	9-WL3-127
AJ	PELLEN HESTER S & P	9-WL7-26
AK	MILLER THOMAS F & K L	9-WL7-28

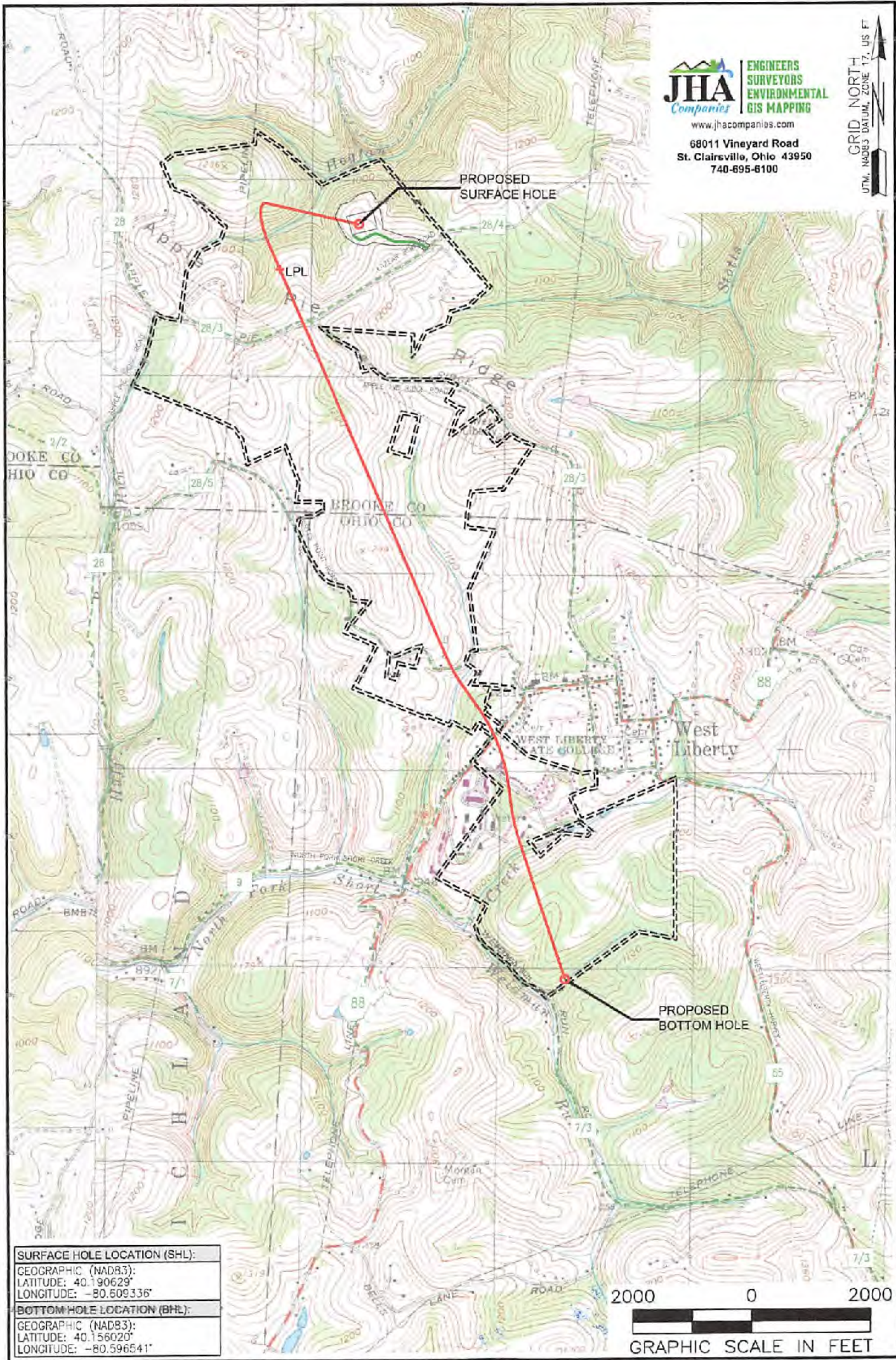
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
AL	BOARD OF EDUCATION	9-WL7-30.2
AM	BOARD OF EDUCATION	9-WL7-30.1
AN	WHEELING POWER CO WHEELING ELECTRIC CO	9-WL7-30.3
AO	READ DAVID T - TOD	9-WL7-30
AP	FOWLER RUTH M - TOD	9-WL7-31
AQ	CUSTER KIMBERLY ANN BAUKNECHT DONNA MARIE	3-1-36
AR	WILSON MARK W & DAWN L	3-1-39.11
AS	BECK DAVID LEE	3-1-39.7
AT	BECK DAVID L	3-1-39.12
AU	BEAVER JAMES H & ROBIN L	3-1-39.14
AV	DUVALL MARK A	3-1-39.1
AW	MCGLUMPHY STEVEN & LORI - TOD	3-1-110.3
AX	HUNTER JASON O	3-1-104.2
AY	HONECKER JANET L; HONECKER ELIZABETH	3-1-103
AZ	MONROE TIMOTHY L ET AL	9-WL10-11
BA	FERRY MARY P	9-WL10-14
BB	FOWLCON LIMITED LIABILITY CO	9-WL10-13
BC	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.2
BD	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.3
BE	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.5
BF	R & D HOLDINGS LLC	9-WL6-3
BG	FRONTIER WV INC CHESAPEAKE&POTOMAC TELEPHONE	9-WL5-2
DH	HERRICK SUSAN DR	9-WL5-1
BI	CATHOLIC DIOCESE OF WHEELING - CHARLESTON	9-WL2-1
BJ	R&D HOLDINGS LLC	9-WL3-64
BK	R&D HOLDINGS LLC	9-WL3-63
BL	R & D HOLDINGS LLC	9-WL3-62.2
BM	WEST RENTALS INC	3-1-4.3
BN	WEST RENTALS INC	3-1-22
BO	SAMPSON DALE M	3-1-24
BP	DAVIS ALLEN O - LE; J R GALLETINE & T A DAVIS	3-1-2.1
BQ	BYHANNA TIMOTHY A	3-1-2.3
BR	PATTERSON GARRET L	3-1-3
BS	EVANS PHARES O	3-1-2.2
BT	NICHOLSON CHARLES W & M C - LE; MYERS LAURA A & NICHOLSON M A	3-1-2.4
BU	WINDSOR POWER HOUSE COAL CO C/O CNX LAND - PROPERTY TAX	3-1-1
BV	SAMPSON DALE M	4-R6-18
BW	MCCOY TERRI L	3-1-2.5
BX	THOMAS DOROTHY A	3-B47-13
BY	SAYRE LAWRENCE & MARTHA J	3-B47-12
BZ	SMITH SANDRA; LINDA; NICHOLSON EARLENE	3-B47-11
CA	BRITTON JODY L; JANIE L	3-B47-10
CB	KLEIN JACK; GEORGE JENNIFER (SURV)	3-B47-8
CC	DUNN DAVID A & CRYSTAL G	3-B47-7
CD	WADE MARK A & MARY IVA SMITH	3-B47-4
CE	SHARIER JOHN E III	3-B47-3
CF	TUSTIN BETSY D & WOOD MARY R (JTWS)	3-B47-2.1
CG	FINSLEY ROBERT JR	3-B47-1.1
CH	LAMONT JAMES	3-B47-1
CI	MAYHEW KATHY LYNN & MICHAEL ETAL (SURV)	3-B42-27
CJ	MAYHEW KATHY LYNN & MICHAEL ETAL (SURV)	3-B42-27
CK	APPALACHIA MIDSTREAM SERVICES LLC	3-B42-31
CL	HEINZEROTH HENRY	3-B42-32
CM	DWYER CAROL	3-B47-26
CN	ROTHERMUND THOMAS F & MM	3-1-4.1
CO	BONAR CHARLOTTE R	3-1-21.2
CP	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-1-35.1

04/22/2022

REVISIONS:	COMPANY: <b>SWN</b> Production Company, LLC		DATE: 12-16-2021	
	OPERATOR'S <b>H6A</b> MIKE RYNIWEC BRK		API NO: 47-009-XXXXX	
	WELL #: <b>4700900330</b> 206H		DRAWN BY: R.GRIMES	
	DISTRICT: BUFFALO	COUNTY: BROOKE/OHIO	STATE: WV	SCALE: N/A
				DRAWING NO: 2017-220
				WELL LOCATION PLAT

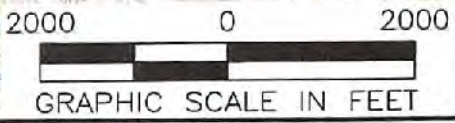
**JHA Companies**  
**ENGINEERS SURVEYORS ENVIRONMENTAL GIS MAPPING**  
 www.jhacompanies.com  
 68011 Vineyard Road  
 St. Clairsville, Ohio 43950  
 740-695-6100

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



**SURFACE HOLE LOCATION (SHL):**  
 GEOGRAPHIC (NAD83):  
 LATITUDE: 40.190629°  
 LONGITUDE: -80.609336°

**BOTTOM HOLE LOCATION (BHL):**  
 GEOGRAPHIC (NAD83):  
 LATITUDE: 40.156020°  
 LONGITUDE: -80.596541°



**NOTES ON SURVEY**  
 1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCELL 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 x LANDING POINT LOCATION
- FLOOD PLAN
- NATURAL BOUNDARY
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

**WELL OPERATOR:**  
 SWN PRODUCTION COMPANY, LLC

**ADDRESS:**  
 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508

**SURFACE OWNER:**  
 MIKE RYNIWEC

**WELL (FARM) NAME:**  
 MIKE RYNIWEC BRK

**WELL #** 206H    **SERIAL #** XXXX

**COUNTY:** BROOKE/OHIO    **CODE:** 9    **DISTRICT:** BUFFALO    **API #** 47-009-XXXX

**USGS 7 1/2 QUADRANGLE MAP NAME:**  
 BETHANY, WV

04/22/2022