

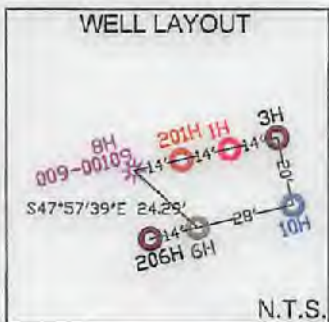
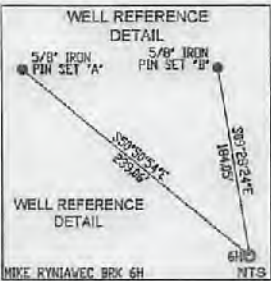
LATITUDE: 40°12'30" SURFACE HOLE (2000' SCALE) |----- 7304' -----|

LATITUDE: 40°10'00" BOTTOM HOLE (2000' SCALE) |----- 1628' -----|



www.jhacompanies.com

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



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4448989.75
EASTING: 533255.18
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4449014.71
EASTING: 532992.17
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4444160.39
EASTING: 535013.55

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



3000 0 3000
GRAPHIC SCALE IN FEET

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

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

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: MIKE RYNIAWEC BRK 6H
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	API WELL #: 47 009 00329 STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH
DISTRICT: BUFFALO COUNTY: BROOKE/OHIO
SURFACE OWNER: MIKE RYNIAWEC
OIL & GAS ROYALTY OWNER: MIKE RYNIAWEC

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: 6,111' TVD 23,751' 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

LEGEND:	REVISIONS:	DATE: 12-16-2021
(●) PROPOSED SURFACE HOLE / BOTTOM HOLE (★) EXISTING / PRODUCING WELLHEAD LPL★ LANDING POINT LOCATION (⊙) EXISTING WATER WELL (⊕) EXISTING SPRING	(—) NATURAL WATERWAY (—) SURVEYED BOUNDARY (==) LEASE BOUNDARY (—) PROPOSED PATH (—) PUBLIC ROAD	API NO: 47-009-XXXXX DRAWN BY: R.GRIMES SCALE: 1" = 3000' DRAWING NO: 2020-220 WELL LOCATION PLAT

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

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

- 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.

LINE	BEARING	DISTANCE
L1	N06°15'31"E	1786.97'
L2	N14°02'46"W	1883.49'



7136'

6461'

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER(S) / ROYALTY OWNER (N)	TAX PARCEL
1	RYNIAWEC MIKE (S/R)	3-842-33
TRACT	SURFACE OWNER	TAX PARCEL
2	APPALACHIA MIDSTREAM SERVICES LLC	3-842-29
3	PAUGH LAWRENCE G & CATHIE SUE	3-847-21
4	MILLER JOHN D; NEWMAN JENNIFER LYN (SURV)	3-847-22
5	GREATHOUSE ROBERT E & LAURA G	3-847-25.1
6	DWYER CAROL	3-847-25
7	SPEECH THURMAN D JR & KATHY J	3-847-24
8	DWYER CAROL	3-847-25
9	DWYER CAROL	3-847-26
10	BONAR MATTHEW P	3-11-4
11	ENNIS DEREK J & NICOLE L	3-11-4.2
12	STATE OF WEST VIRGINIA, DEPARTMENT OF HIGHWAYS	GIRTYS POINT ROAD
13	BONAR MATTHEW P	3-11-21.3
14	BONAR MATTHEW P	3-11-21.1
15	RICE MICHAEL A & DIANA L	9-WL3-3
16	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-53
17	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-51
18	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-52
19	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-58
20	STATE OF WEST VIRGINIA, DEPARTMENT OF HIGHWAYS	STATE ROUTE 88
21	CONWAY CRAIG	9-WL3-69.1
22	STATE BOARD OF EDUCATION	9-WL3-68
23	PRALL CEMETERY	9-WL3-127
24	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.8
25	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.9
26	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.1
27	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35
28	MCGLUMPHY STEVEN & LORI - TOD	3-14-110.3
29	MCGLUMPHY STEVEN & LORI - TOD	3-14-110
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WINDSOR POWER HOUSE COAL CO	3-842-65
B	SMITH RALPH O & GINA L	3-842-64
C	TURNER DOUGLAS L & BEUNDA	3-842-35
D	SCHWERTFEGER NOEL R	3-842-40
E	DWYER CAROL G	3-847-30
F	DWYER PHILIP R CORISSA	3-847-25.4
G	WILHELM SCOTT T	3-847-28.1
H	ABERCROMBIE WAYNE A JR	3-847-28
I	DWYER CAROL G	3-847-29
J	HOOD RONALD J & BETH A	3-847-27
K	HOOD BETH ANN	3-847-25.2
L	HARWATT TERRY D	3-847-32.1
M	DWYER CAROL	3-847-25.3
N	HARWATT EDITH R & TERRY D; NEIL, SUZANNE	3-847-32
O	HARWATT TERRY D	3-847-32.2
P	ROEDER SUSAN IRENE; FRANCIS GLEN ETAL	3-847-34
Q	MILVET ROBERT W & EDITH A	3-847-42
R	ENNIS DEREK J & NICOLE L	3-847-43
S	ENNIS DEREK J & NICOLE L	3-11-43
T	AMERICAN TOWERS LLC	9-WL1-14
U	VARGO DANIEL J & COURTNEY D	9-WL1-3
V	VARGO DANIEL J & COURTNEY D	9-WL1-4
W	VARGO DANIEL J & COURTNEY D	9-WL1-9.3
X	BUKOVAC DEBORAH J & THOMAS W	9-WL1-9.1
Y	BUKOVAC DEBORAH J & THOMAS W	9-WL1-9
Z	PETTIT BERNARD R	9-WL1-10
AA	PETTIT BERNARD R	9-WL1-11
AB	WISE ROBERT S & JANET L	9-WL3-127.1
AC	DAILEY JERALDINE W	9-WL3-130
AD	CLARK R L JR & C L HLEBICZKI	9-WL3-131
AE	LIBERTY HIGH SCHOOL	9-WL3-7
AF	ENNIS PROPERTIES LLC	3-11-4.4
AG	BLASKOVICH FRANK JR & BLASKOVICH JENNIFER D	9-WL3-1
AH	BLASKOVICH FRANK JR & J D	9-WL3-2
AI	ENNIS PROPERTIES LLC	3-11-4.5
AJ	MASONIC LODGE 26 A F A M	9-WL3-6
AK	CHRISTIAN CHURCH AT W LIBERTY TRUSTEES	9-WL3-50
AL	RYAN JEFFREY W & JULIE L	9-WL3-70
AM	RYAN JEFFREY W HILL JULIE L	9-WL3-69
AN	PAJAK SHARON L & CLARK W	9-WL3-73
AO	BONAR MATTHEW P & TAMARA A	9-WL3-74
AP	BALL HOLDINGS LLC	9-WL3-74.1
AQ	POSTLEWAIT RENE L C/O WESBANCO TRUST DEPT	9-WL3-114
AR	HUNTER BRITTANY N	9-WL3-113
AS	HUNTER BRITTANY N	9-WL3-112
AT	APPLEBY LORA L	9-WL3-111
AU	COMER JAMES L & D L	9-WL3-110
AV	PAVLIC CHARMINE M	9-WL3-109.1

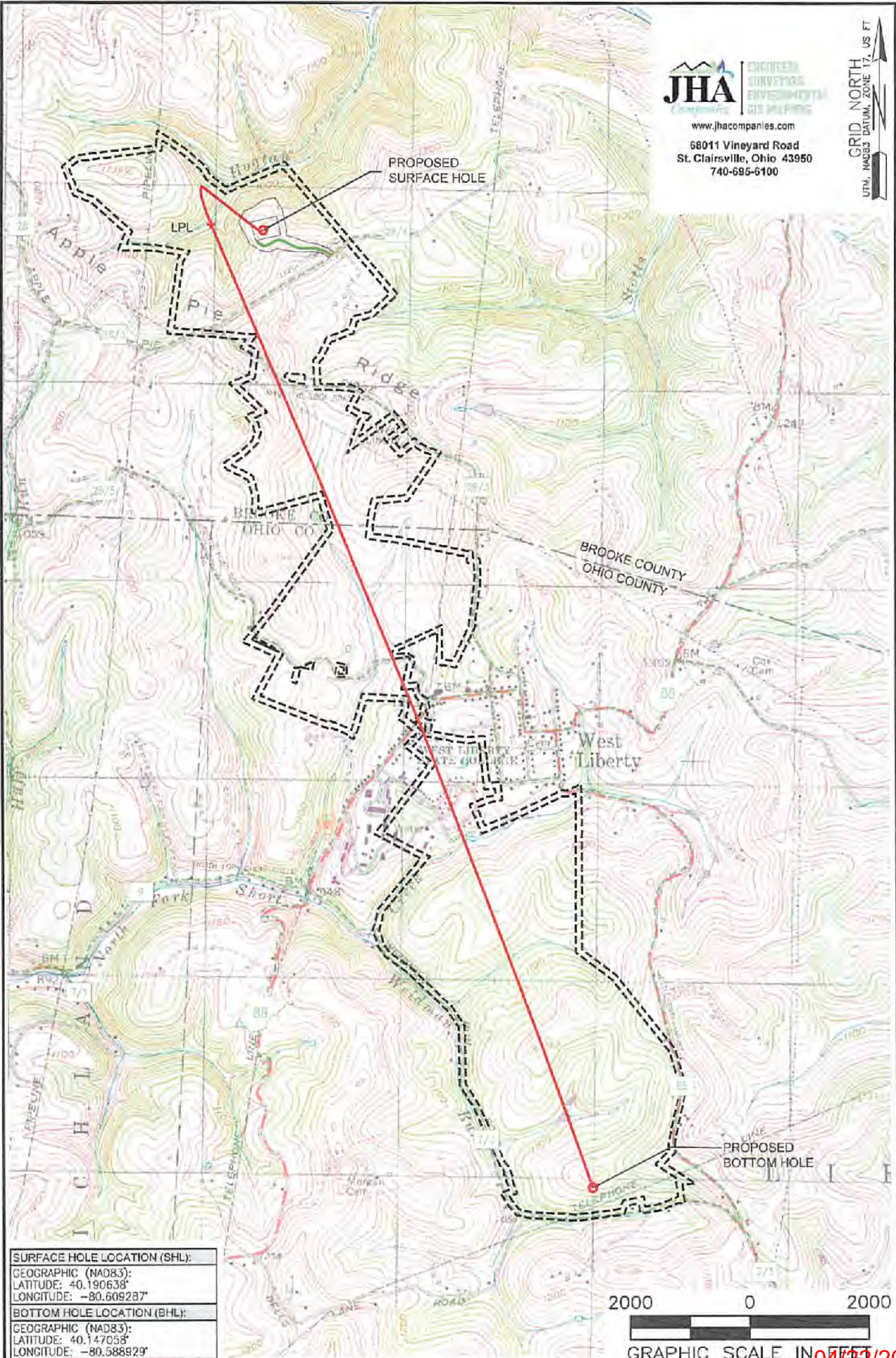
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
AW	SCHRAMM JEANNE V	9-WL3-117.1
AX	SCHRAMM JEANNE V	9-WL3-117
AY	SCHRAMM JEANNE V	9-WL7-1
AZ	PELLEN HESTER S & PHILLIP	9-WL7-24
BA	GOOCH CLARA S GOOCH ROCKY L	9-WL7-25
BB	PELLEN HESTER S & P	9-WL7-26
BC	MILLER THOMAS F & K L	9-WL7-28
BD	BOARD OF EDUCATION	9-WL7-30.2
BE	BOARD OF EDUCATION	9-WL7-30.1
BF	WHEELING POWER CO WHEELING ELECTRIC CO	9-WL7-30.3
BG	READ DAVID T - TOD	9-WL7-30
BH	FOWLER RUTH M - TOD	9-WL7-31
BI	GRAHAM SCOTTIE W & CONNIE M	9-WL7-16.1
BJ	WILSON MARK W & DAWN L	3-11-39.11
BK	BECK DAVID LEE	3-11-39.7
BL	BECK DAVID L	3-11-39.12
BM	BEAVER JAMES H & ROBIN L	3-11-39.14
BN	DUVALL MARK A	3-11-39.1
BO	DUVALL ISRAEL R & MEGAN L BIRKINSHA	3-11-39.13
BP	DUVALL ROBERT E & E C	3-14-111.2
BQ	THOMAS KALIB	3-14-111.3
BR	DUVALL ROBT E & E C	3-14-111.1
BS	KAUFMAN MARK P & ANNELESE	3-15-2
BT	PORTER TODD E	3-14-125
BU	PORTER TODD E	3-15-2.1
BV	KAUFMAN MARK P & ANNELESE	3-15-2.2
BW	PATTERSON WILLIAM S JR	3-14-115
BX	NORMAN MARK E	3-14-110.2
BY	APPALACHIA MIDSTREAM SERVICES LLC	3-14-114
BZ	APPALACHIA MIDSTREAM SVCS LLC	3-14-110.1
CA	APPALACHIAN MIDSTREAM SERVICES LLC	3-14-117
CB	WINDSOR POWER HOUSE COAL CO C/O CNX LAND - PROPERTY TAX	3-14-105.7
CC	RIDLER B G; TALLMON J M	3-14-106
CD	RIDLER B G; TALLMON J M	3-14-113
CE	GILBERT DONALD E JR	3-14-112
CF	LAUDERMILT DIXIE M & L - 1998	3-14-105.1
CG	HOLLAND PARK LIMITED LIABILITY C/O PAUL LEE C III	3-14-105
CH	HONECKER ELIZABETH; C/O HONECKER JANET (LE)	3-14-104
CI	WARNER DENNY A (BUYER) BARKER CAROLYN S (SELLER)	3-14-104.5
CJ	HUNTER JASON D	3-14-104.1
CK	HUNTER JASON D	3-14-104.2
CL	HONECKER JANET L; HONECKER ELIZABETH	3-14-103
CM	MONROE TIMOTHY L ET AL	9-WL10-11
CN	PERRY MARY P	9-WL10-14
CO	FOWLCON LIMITED LIABILITY CO	9-WL10-13
CP	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.4
CQ	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.5
CR	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.6
CS	WEST LIBERTY STATE COLLEGE BOARD OF GOVERNORS	3-11-35.7
CT	STATE BOARD OF EDUCATION WEST LIBERTY STATE COLLEGE	9-WL3-65
CU	TURNER LEON W & D S	9-WL3-66
CV	DEENIS GREGORY R LASCH META M	9-WL3-67
CW	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-60
CX	BOARD OF GOVERNORS OF WEST LIBERTY UNIVERSITY	9-WL3-54
CY	WEST LIBERTY FEDERATED CHURCH TRUSTEES	9-WL3-62.1
CZ	CATHOLIC DIOCESE OF WHEELING - CHARLESTON	9-WL3-1
DA	WEST RENTALS INC	3-11-22.1
DB	WEST LIBERTY UNIVERSITY	3-11-22.1
DC	WEST RENTALS INC	3-11-22
DD	BONAR CHARLOTTE R	3-11-21
DE	ROTHERMUND THOMAS F & MM	3-11-4.1
DF	BONAR CHARLOTTE R	3-11-21.2
DG	SAMPSON DALE M	3-11-24
DH	PATTERSON GABRIEL L	3-11-3
DI	DAVIS ALLEN D - LE; J R GALLETINE & T A DAVIS	3-11-2.1
DJ	BYHANNA TIMOTHY A	3-11-2.3
DK	BONAR CHARLES W & CHARLOTTE R	3-11-2.6
DL	SAYRE LAWRENCE & MARTHA (SURV)	3-847-14
DM	BUREK JOSEPH S & JANE M	3-847-19
DN	SUTER STETSON E & WENDY S	3-847-23
DO	PAUGH LAWRENCE GRANT	3-847-20
DP	FLUHARTY ELIZABETH ELLEN	3-847-18
DQ	MAYHEW KATHY LYNN & MICHAEL ETAL (SURV)	3-842-27
DR	APPALACHIA MIDSTREAM SERVICES LLC	3-842-31
DS	HEINZEROTH HENRY	3-842-32
DT	BONAR JAMES L ETAL	3-842-54

04/22/2022

REVISIONS:	COMPANY: 			
	OPERATOR'S: MIKE RYNIWEC BRK		DATE: 12-16-2021	
	WELL #: 47-009-00329-46A 6H		API NO: 47-009-XXXX	
	DISTRICT: BUFFALO	COUNTY: BROOKE/OHIO	STATE: WV	DRAWN BY: R.GRIMES
				SCALE: N/A
				DRAWING NO: 2020-220
				WELL LOCATION PLAT

JHA ENGINEERING SURVEYING 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: 40.190638°
LONGITUDE: -80.609287°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.147058°
LONGITUDE: -80.588929°



- 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:	NATURAL WATERWAY
● PROPOSED SURFACE HOLE / BOTTOM HOLE	ACCESS ROAD
⊛ EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD
LPLx LANDING POINT LOCATION	ACCESS ROAD TO PREV. SITE
☁ FLOOD PLAIN	LEASE BOUNDARY
	PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: MIKE RYNIWEC BRK	WELL # 6H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: BROOKE/OHIO	CODE: 9	DISTRICT: BUFFALO
SURFACE OWNER: MIKE RYNIWEC	USGS 7 1/2 QUADRANGLE MAP NAME: WILEVILLE, WV		API # 47-009-XXXX
			47-009-XXXX H6A

04/22/2022