

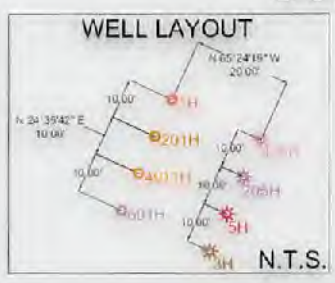
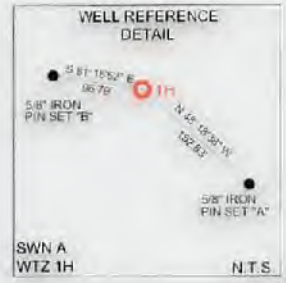
LATITUDE: 39°42'30" SURFACE HOLE (2000' SCALE) | 4125'
 LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE) 586'



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 PERMANENT STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING FROST 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	S70°26'39"E	1333.34
L2	S46°00'20"E	672.25'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392802.00 EASTING: 530900.72
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392363.06 EASTING: 530523.29
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4394276.75 EASTING: 528402.40



COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #:	SWN A WTZ 1H		
API WELL #:	47	103	03421
	STATE	COUNTY	PERMIT

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

WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25034

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1343.0'

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: SWN PRODUCTION COMPANY, LLC ACREAGE: ±128.24

OIL & GAS ROYALTY OWNER: RODNEY CALVERT, ET AL ACREAGE: ±128.24

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: 7,388' TVD 17,326' 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

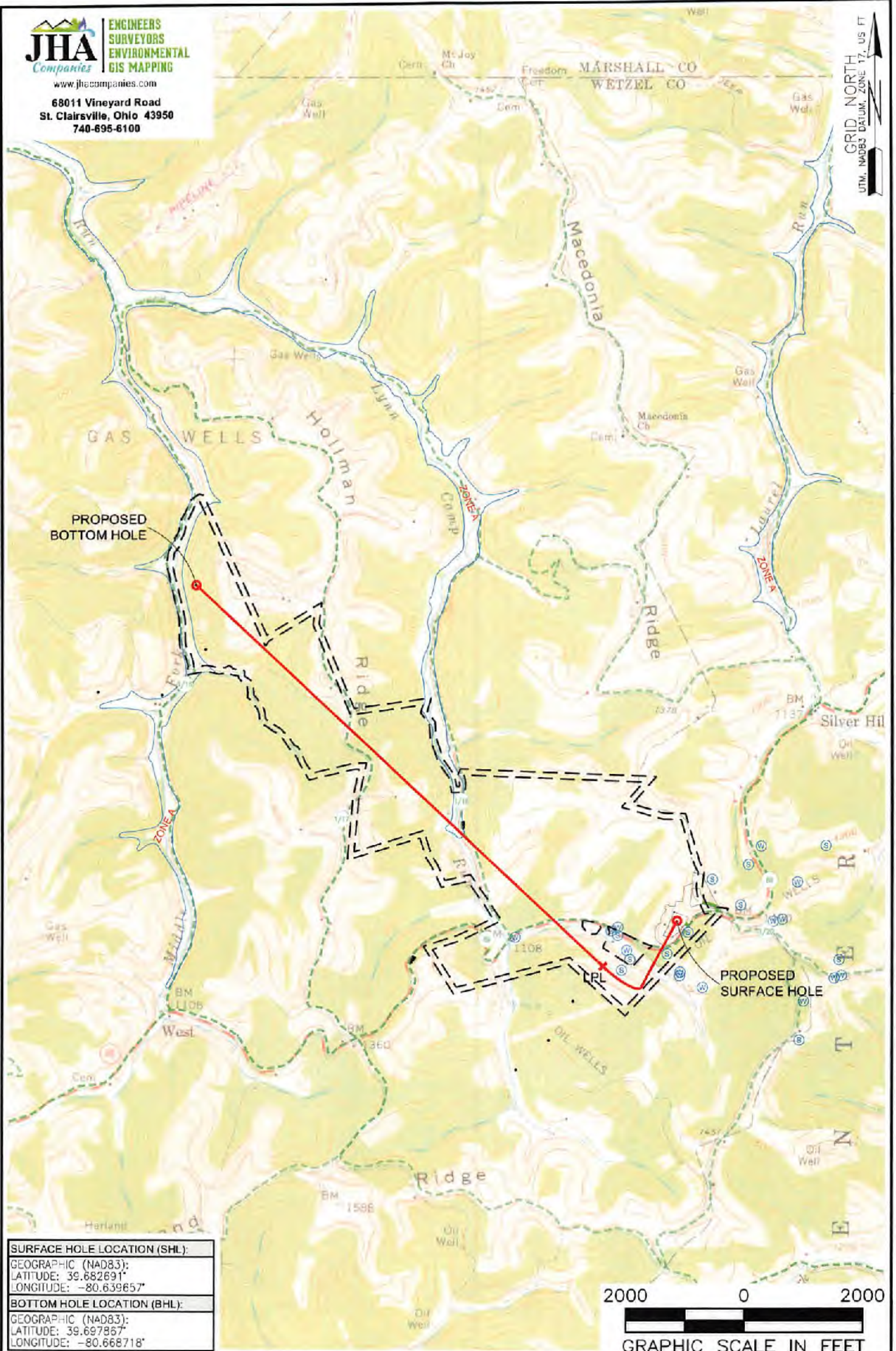
LEGEND:	REVISIONS:	DATE: 04-08-2021
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		API NO: 47-103-XXXX
⊙ EXISTING / PRODUCING WELLHEAD	— NATURAL WATERWAY	DRAWN BY: R. GRIMES
LPL ⊙ LANDING POINT LOCATION	— SURVEYED BOUNDARY	SCALE: 1" = 2000'
⊙ EXISTING WATER WELL	== LEASE BOUNDARY	DRAWING NO: 2016-519
⊙ EXISTING SPRING	— PROPOSED PATH	WELL LOCATION PLAT
	— PUBLIC ROAD	

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	SWN PRODUCTION COMPANY LLC (S) RODNEY CALVERT, ET AL. (R)	12-10-29
TRACT	SURFACE OWNER	TAX PARCEL
2	CALVERT RODNEY A	12-10-29.3
3	CALVERT RODNEY A	12-10-29.3
4	HAESSLY LAND AND TIMBER LLC	12-10-33
5	SWN PRODUCTION COMPANY LLC	12-10-28
6	SWN PRODUCTION COMPANY LLC	12-10-27
7	BITCHEA ROBERT C & JAMES L	12-10-22
8	SWN PRODUCTION COMPANY LLC	12-10-14
9	RICHMOND CASSIDI PAIGE	12-10-21
10	RICHMOND CASSIDI PAIGE	12-10-13
11	SHULUGA ANDREW D & ANDREA M	12-9-15

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SWN PRODUCTION COMPANY	12-10-29.2
B	YOHIO NORMA T	1-7-40
C	HUTCHISON MARGARET A	12-15-9
D	DREYER JOSEPH C	12-15-8
E	HAESSLY LAND AND TIMBER LLC	12-15-6
F	HAESSLY LAND AND TIMBER LLC	12-15-5
G	HAESSLY HARDWOOD LUMBER CO	12-10-42
H	SWN PRODUCTION COMPANY LLC	12-10-26
I	HUGGINS JOSEPH DEAN	12-10-25
J	BITCHEA ROBERT C & JAMES L	12-10-24
K	HAESSLY HARDWOOD LUMBER CO	12-10-23
L	HAESSLY LAND AND TIMBER LLC	12-10-20
M	HUGGINS MICHAEL A & PATRICK W	12-9-23
N	GODDARD WAYNE L	12-9-22
D	SHULUGA ANDREW D & ANDREA M	12-9-14
P	SHULUGA ANDREW D & ANDREA M	12-9-13
Q	SHULUGA ANDREW D & ANDREA M	12-9-8
R	SHULUGA ANDREW D & ANDREA M	12-9-9
S	MASSARI MARK	12-4-38
T	SHULUGA ANDREW D & ANDREA M	12-10-1
U	SHULUGA ANDREW D & ANDREA M	12-10-9.1
V	MILLTREE PROPERTIES LLC	12-10-9
W	SWN PRODUCTION COMPANY LLC	12-10-10
X	SWN PRODUCTION COMPANY LLC	12-10-15
Y	YOHIO DARREN ET AL	12-10-16
Z	YOHIO DARREN ET AL	12-10-18
AA	DRJUG LOBY & DAVID	1-7-2
AB	CALVERT RODNEY ET AL	12-10-29.1
AC	CALVERT RODNEY A	12-10-29.4

07/16/2021

REVISIONS:	 	
	COMPANY:	DATE: 04-08-2021
	OPERATOR'S	API NO: 47-103-XXXX
	WELL #:	DRAWN BY: R. GRIMES
	DISTRICT:	SCALE: N/A
	PROCTOR	DRAWING NO: 2016-519
	COUNTY:	WELL LOCATION PLAT
	WETZEL	
	STATE:	
	WV	



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.682691°
LONGITUDE: -80.639657°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.697867°
LONGITUDE: -80.668718°

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.

RECEIVED
 WV Department of Environmental Protection
 JUN 03 2021

LEGEND:

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

07/16/2021

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SWN A WTZ	WELL # 1H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: WETZEL	CODE: 103	DISTRICT: PROCTOR
SURFACE OWNER: SWN PRODUCTION COMPANY, LLC	USGS 7 1/2 QUADRANGLE MAP NAME: WILEYVILLE, WV		
		API # 47-103-XXXX	