

LATITUDE: 39°42'30" SURFACE HOLE (2000' SCALE)

4129'

LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE)

413'

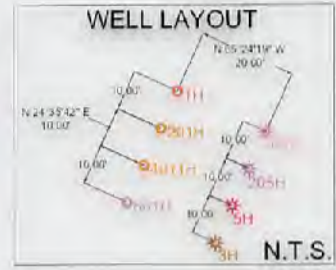
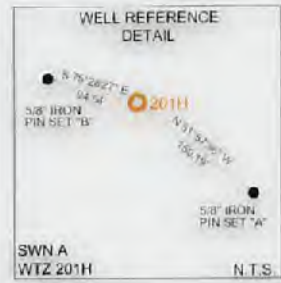


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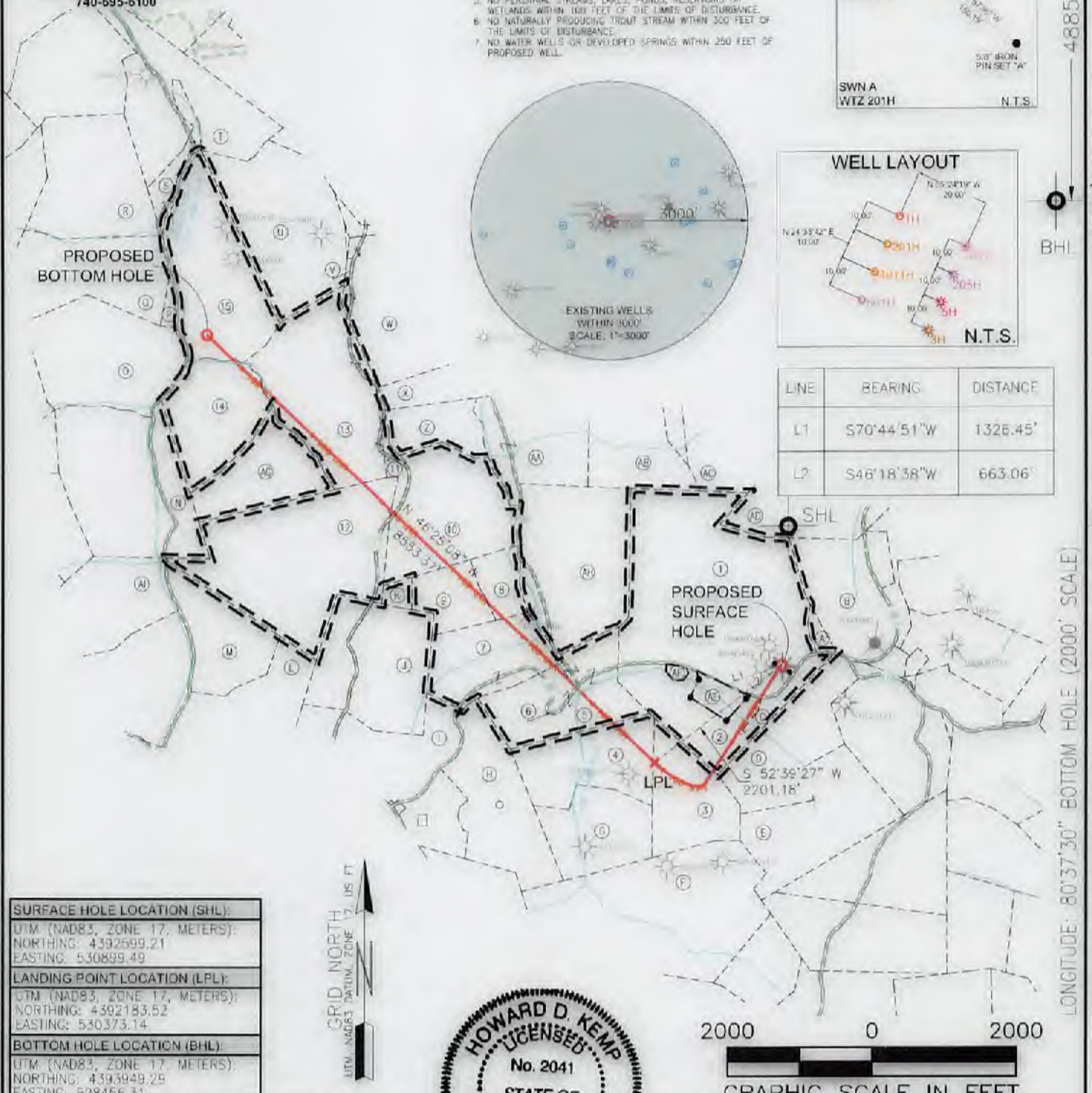
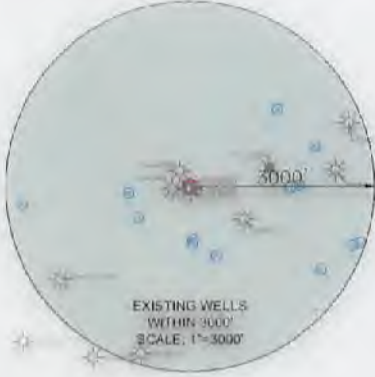
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

NOTES ON SURVEY

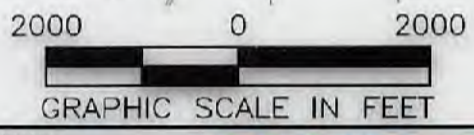
- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM BEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS OR BUILDINGS WITHIN 825 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 500 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	S70°44'51"W	1326.45'
L2	S46°18'38"W	663.06'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392599.21 EASTING: 530899.49
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392183.52 EASTING: 530373.14
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4393949.29 EASTING: 528456.31



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	MINIMUM DEGREE OF ACCURACY: 1/200	SWN A WTZ
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 201H API WELL #: 47 STATE 103 COUNTY 03452 PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1343.1'

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) **10/08/2021**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,384' TVD 16,706' 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: 04-07-2021
(O) PROPOSED SURFACE HOLE / BOTTOM HOLE (X) EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION (W) EXISTING WATER WELL (S) EXISTING SPRING	--- NATURAL WATERWAY --- SURVEYED BOUNDARY = = = LEASE BOUNDARY --- PROPOSED PATH --- PUBLIC PATH	API NO: 47-103-XXXXX DRAWN BY: R. GRIMES SCALE: 1" = 2000' DRAWING NO: 2016-519 WELL LOCATION PLAT

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	DREYER JOSEPH C	12-15-8
4	HAESSLY LAND AND TIMBER LLC	12-15-6
5	HAESSLY LAND AND TIMBER LLC	12-10-33
6	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	PROCTOR CREEK ROAD (COUNTY HIGHWAY 89)
7	HAESSLY HARDWOOD LUMBER CO	12-10-32
8	SWN PRODUCTION COMPANY LLC	12-10-27
9	SWN PRODUCTION COMPANY LLC	12-10-26
10	RITCHEA, ROBERT C & JAMES I	12-10-22
11	RICHMOND CASSIDI PAIGE	12-10-21
12	HAESSLY HARDWOOD LUMBER CO	12-10-23
13	RICHMOND CASSIDI PAIGE	12-10-13
14	HUGGINS MICHAEL A & PATRICK W	12-9-23
15	SHULUGA ANDREW D & ANDREA M	12-9-15

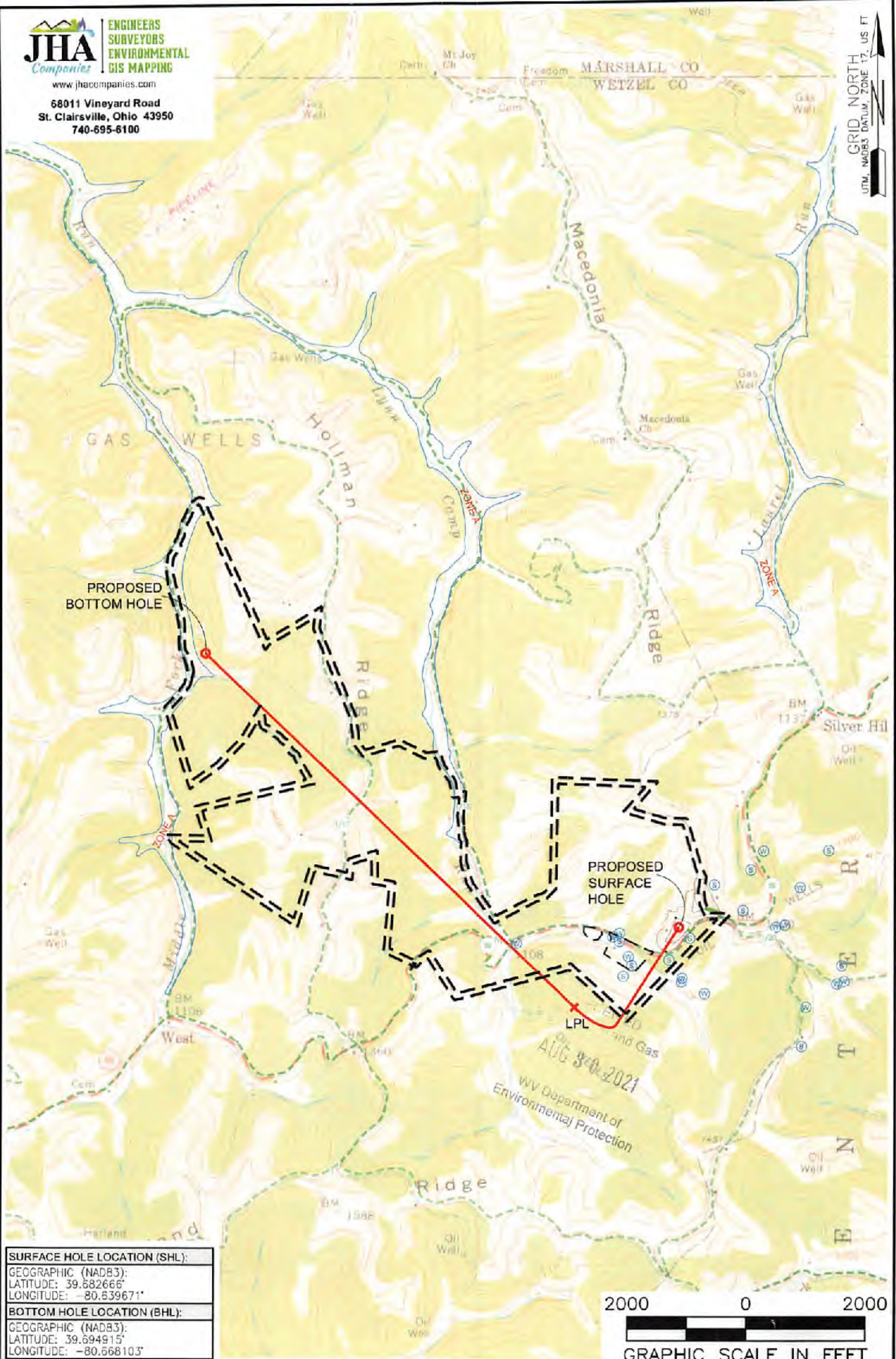
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SWN PRODUCTION COMPANY	12-10-29.2
B	YOHIO NORMA F	1-7-40
C	CALVERT RODNEY A	12-10-29.5
D	HUTCHISON MARGARET A	12-15-9
E	HAESSLY LAND AND TIMBER LLC	12-15-10
F	LEMASTERS DOLLY G EST	12-15-19
G	HAESSLY LAND AND TIMBER LLC	12-15-7
H	HAESSLY LAND AND TIMBER LLC	12-15-5
I	HAESSLY LAND AND TIMBER LLC	12-15-4
J	HUGGINS JOSEPH DEAN	12-10-31
K	HUGGINS JOSEPH DEAN	12-10-25
L	RITCHEA WILLIAM D & SHIRLEY E	12-14-9
M	GODDARD WAYNE L	12-9-46
AI	WOODSTUFF JOYCE K	12-9-44
N	GODDARD WAYNE L	12-9-33
O	GODDARD WAYNE L	12-9-22
P	SHULUGA ANDREW D & ANDREA M	12-9-14
Q	SHULUGA ANDREW D & ANDREA M	12-9-13
R	SHULUGA ANDREW D & ANDREA M	12-9-8
S	SHULUGA ANDREW D & ANDREA M	12-9-9
T	MASSARI MARK	12-4-38
U	SHULUGA ANDREW D & ANDREA M	12-10-1
V	SHULUGA ANDREW D & ANDREA M	12-10-9.1
W	MILLTREE PROPERTIES LLC	12-10-9
X	SWN PRODUCTION COMPANY LLC	12-10-10
Z	SWN PRODUCTION COMPANY LLC	12-10-14
AA	SWN PRODUCTION COMPANY LLC	12-10-15
AB	YOHIO DARREN ETAL	12-10-16
AC	YOHIO DARREN ETAL	12-10-18
AD	DURIG CORY & DAVID	1-7-2
AE	CALVERT RODNEY A	12-10-29.4
AF	CALVERT RODNEY A	12-10-29.1
AG	HAESSLY LAND AND TIMBER LLC	12-10-20
AH	SWN PRODUCTION COMPANY LLC	12-10-28

10/08/2021

REVISIONS:	 	
	COMPANY:	
	OPERATOR'S	SWN A WTZ
	WELL #: 47-103-0346Z	201H
	DISTRICT:	COUNTY:
	PROCTOR	WETZEL
		STATE:
		WV
		DATE: 04-07-2021
		API NO: 47-103-XXXXX
		DRAWN BY: R. GRIMES
		SCALE: N/A
		DRAWING NO: 2016-519
		WELL LOCATION PLAT

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

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.682666°
LONGITUDE: -80.639671°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.694915°
LONGITUDE: -80.668103°

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 FLAT 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 PLAN
- MINERAL INTERESTY ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

10/08/2021

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SWN A WTZ	WELL # 201H	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	




 1 in = 417 ft
 0 0.025 0.05 0.1 0.15 0.2 Miles
 Coordinate System: NAD 1983 UTM Zone 17N
 Units: Meter

 Pond
 Spring
 Water Well
 1500' Buffer

AUG 30 2021
 WY Department of Environmental Protection

Water Purveyor Map
 Well Pad: SWN A
 County: WTZ

 10/08/2021 V⁺
 Southwestern Energy[®]

Date: 4/24/2018 | Author: willish