

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

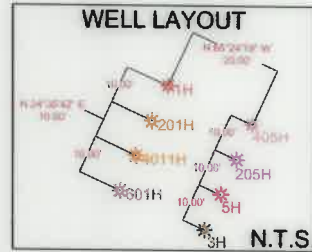
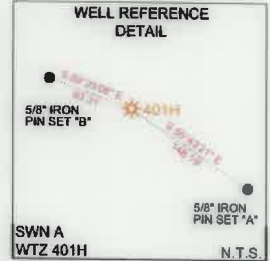
LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE)



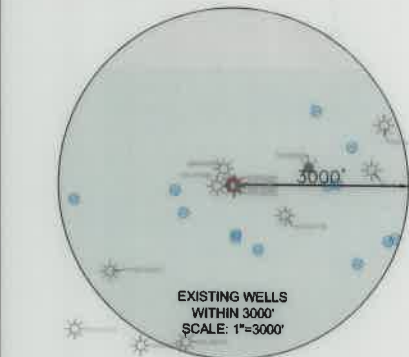
69011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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.



LINE	BEARING	DISTANCE
L1	S71°03'49"W	1319.44'
L2	S46°38'13"W	653.67'



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4392596.33 EASTING: 530898.16
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4391983.26 EASTING: 530245.50
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4393711.07 EASTING: 528235.64
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4392596.42 EASTING: 530898.27
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4391983.56 EASTING: 530250.37
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4393711.74 EASTING: 528235.91



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.E. 19809

(+) 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 GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY:	SWN <small>Production Company, LLC</small>
OPERATOR'S WELL #:	SWN A WTZ 401H
API WELL #:	47 103 03453
	STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH
DISTRICT: PROCTOR COUNTY: WETZEL
SURFACE OWNER: SWN PRODUCTION COMPANY, LLC
OIL & GAS ROYALTY OWNER: RODNEY CALVERT, ET AL
ELEVATION: 1343.2'
QUADRANGLE: WILEYVILLE, WV
ACREAGE: ±128.24
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) AS-DRILLED
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,382' TVD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26504
DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508



LEGEND:	EXISTING BOTTOM HOLE	EXISTING / PRODUCING WELLHEAD	EXISTING LANDING POINT LOCATION	PROPOSED SURFACE HOLE / BOTTOM HOLE	PROPOSED LANDING POINT LOCATION	ACCESS ROAD	PUBLIC ROAD	FLOOD PLAIN	LEASE BOUNDARY	AS-DRILLED PATH	PROPOSED PATH
REVISIONS:											
DATE:	03-31-2022										
API NO:	47-103-03453										
DRAWN BY:	R. GRIMES										
SCALE:	1" = 2000'										
DRAWING NO:	2016-519										
WELL LOCATION PLAT											

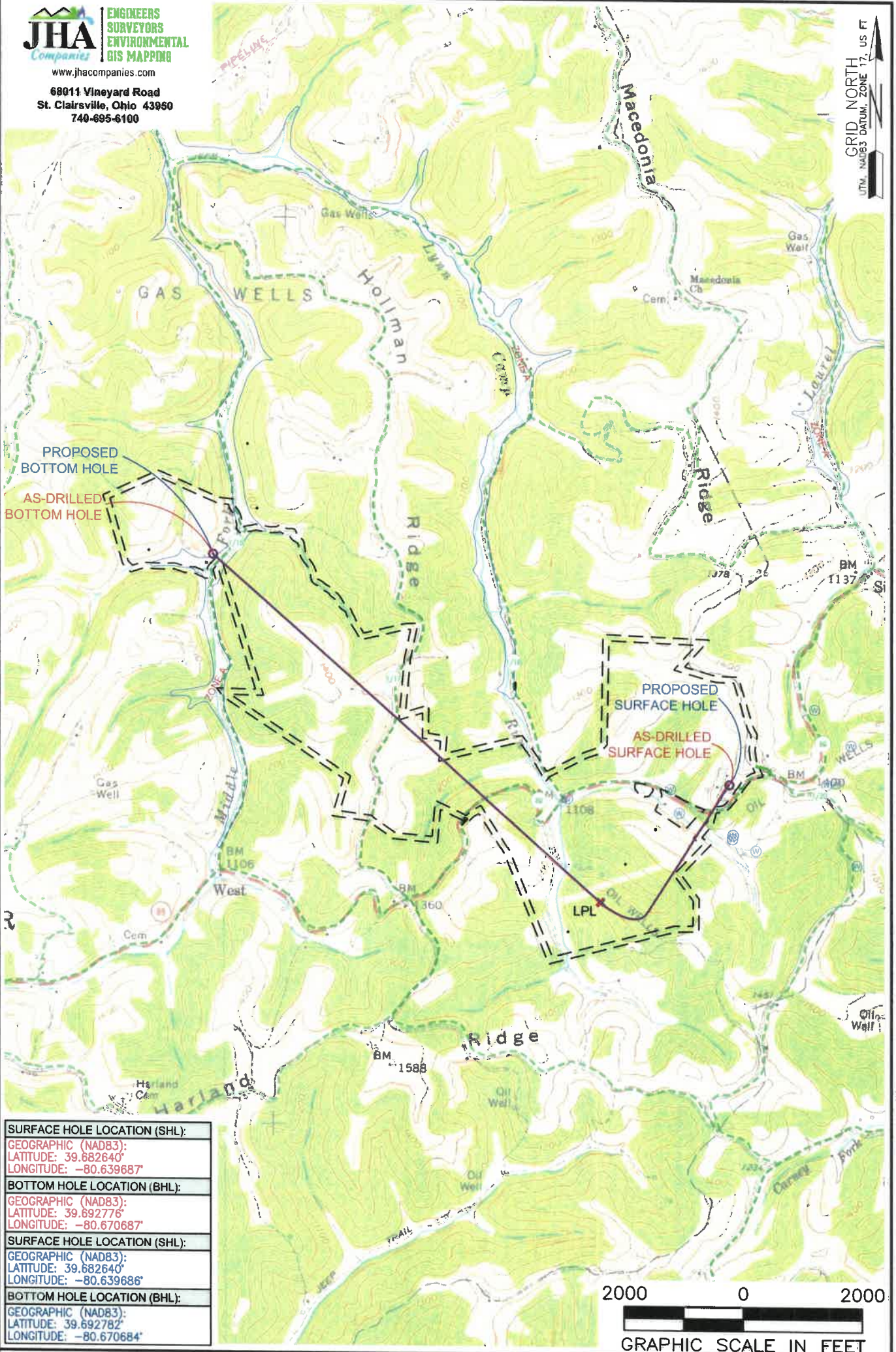
10/14/2022

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	12-15-7
5	HAESSLY LAND AND TIMBER LLC	12-15-6
6	HAESSLY LAND AND TIMBER LLC	12-10-33
7	HAESSLY HARDWOOD LUMBER CO	12-10-32
8	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	PROCTOR CREEK ROAD (COUNTY HIGHWAY 89)
9	HUGGINS JOSEPH DEAN	12-10-31
10	HUGGINS JOSEPH DEAN	12-10-25
11	RITCHEA ROBERT C & JAMES L	12-10-24
12	HAESSLY HARDWOOD LUMBER CO	12-10-23
13	HAESSLY LAND AND TIMBER LLC	12-10-20
14	HUGGINS MICHAEL A & PATRICK W	12-9-23
15	GODDARD WAYNE L	12-9-22

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	YOHO NORMA F	1-7-40
B	SWN PRODUCTION COMPANY	12-10-29.2
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	12-15-5
H	HAESSLY LAND AND TIMBER LLC	12-15-4
I	HUGGINS JOSEPH DEAN	12-15-1
J	RITCHEA WILLIAM D & SHIRLEY E	12-14-9
K	GODDARD WAYNE L	12-9-46
L	WOODSTUFF JOYCE R	12-9-44
M	GODDARD WAYNE L	12-9-33
N	BLAKE VERIL JEROME	12-9-32
O	BLAKE VERIL JEROME	12-9-21
P	SHULUGA ANDREW D & ANDREA M	12-9-13
Q	SHULUGA ANDREW D & ANDREA M	12-9-14
R	SHULUGA ANDREW D & ANDREA M	12-9-15
S	RICHMOND CASSIDI PAIGE	12-10-13
T	RICHMOND CASSIDI PAIGE	12-10-21
U	RITCHEA ROBERT C & JAMES L	12-10-22
V	SWN PRODUCTION COMPANY LLC	12-10-26
W	SWN PRODUCTION COMPANY LLC	12-10-27
X	SWN PRODUCTION COMPANY LLC	12-10-28
Y	YOHO DARREN ET AL	12-10-16
Z	YOHO DARREN ET AL	12-10-18
AA	DURIG CORY & DAVID	1-7-2
AB	CALVERT RODNEY A	12-10-29.4
AC	CALVERT RODNEY A	12-10-29.1

REVISIONS:

COMPANY:		 		10/14/2022	
OPERATOR'S		SWN A WTZ		DATE: 03-31-2022	
WELL #:		401H		API NO: 47-103-03453	
DISTRICT:		COUNTY:		SCALE:	
PROCTOR		WETZEL		N/A	
		STATE:		DRAWING NO: 2016-519	
		WV		WELL LOCATION PLAT	



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.682640°
LONGITUDE: -80.639687°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.692776°
LONGITUDE: -80.670687°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.682640°
LONGITUDE: -80.639686°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.692782°
LONGITUDE: -80.670684°



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:

EXISTING BOTTOM HOLE	ACCESS ROAD
EXISTING / PRODUCING WELLHEAD	FLOOD PLAIN
EXISTING LANDING POINT LOCATION	LEASE BOUNDARY
PROPOSED SURFACE HOLE / BOTTOM HOLE	AS DRILLED PATH
PROPOSED LANDING POINT LOCATION	PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SWN A WTZ	WELL # 401H	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 # 47-103-3543	

10/14/2022