

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

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

4129'

406'

4879'

9349'

LONGITUDE: 80°37'30" BOTTOM HOLE (2000' SCALE)

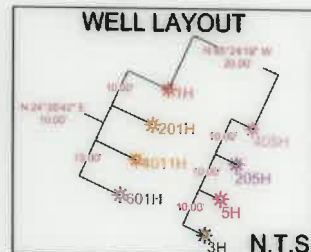
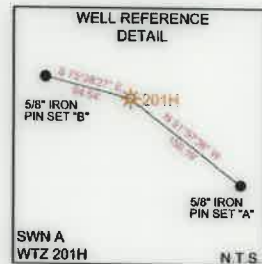
LONGITUDE: 80°40'00" SURFACE HOLE (2000' SCALE)



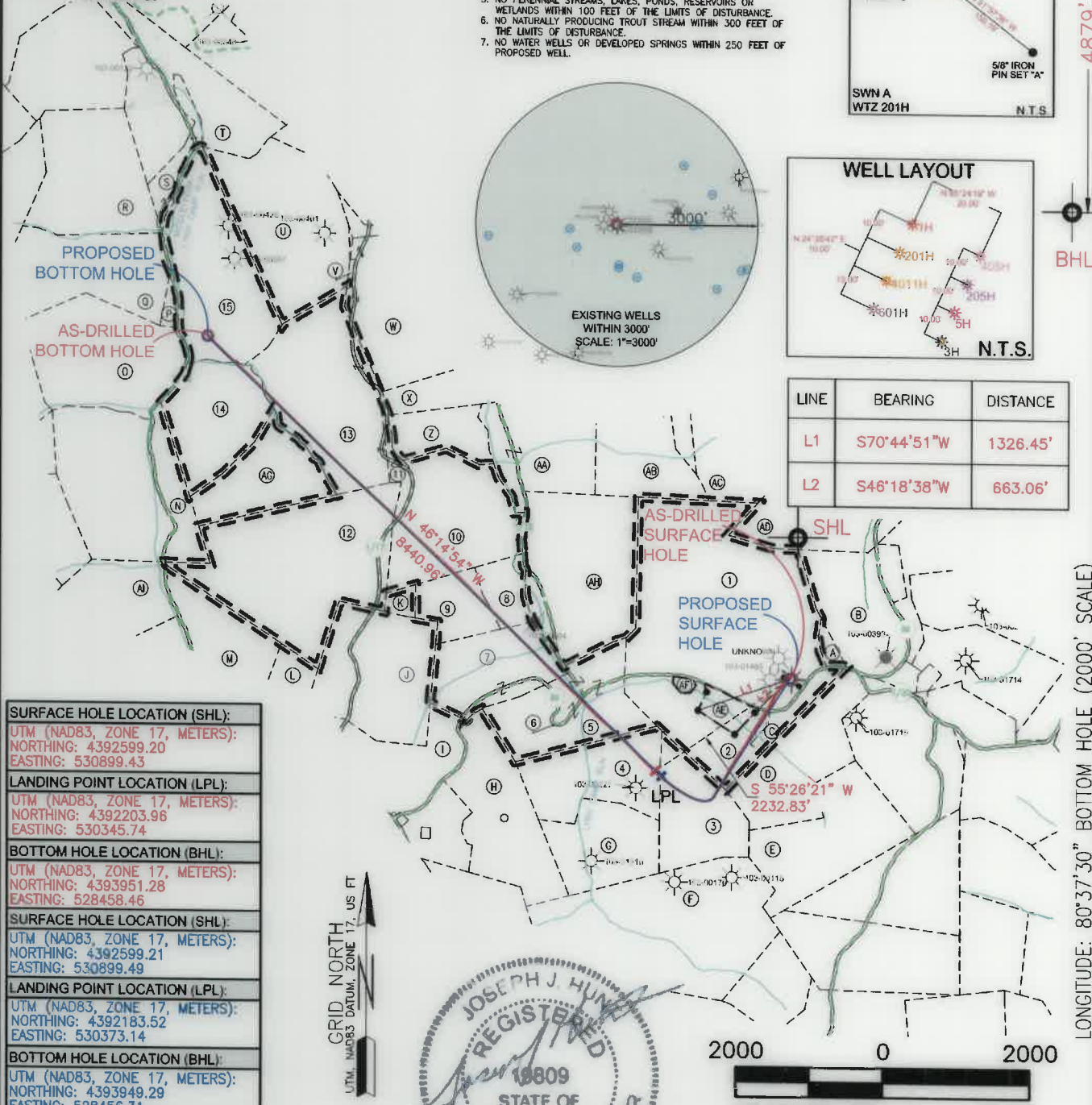
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

NOTES ON SURVEY

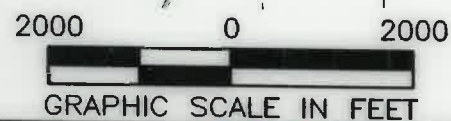
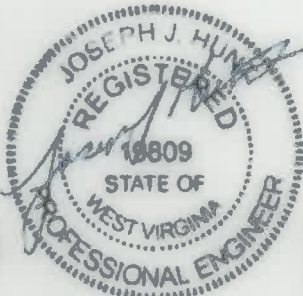
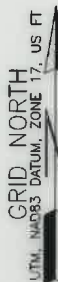
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. 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: 4392599.20
EASTING: 530899.43
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4392203.96
EASTING: 530345.74
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4393951.28
EASTING: 528458.46
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.E. 19800

COMPANY: **SWN** Production Company, LLC

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: SWN A WTZ 201H
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	API WELL #: 47 103 03452 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
 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: 7,367' TVD



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

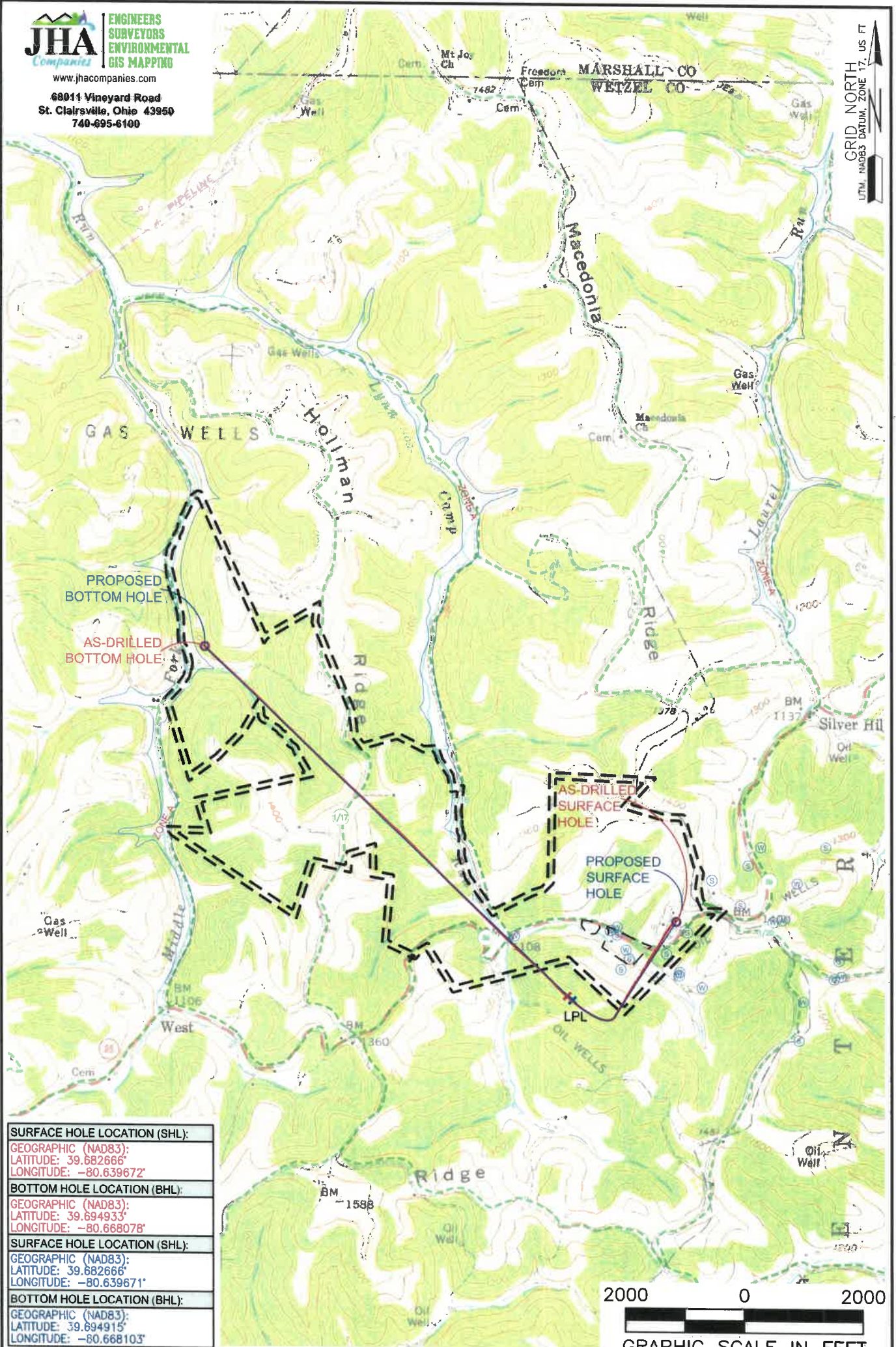
LEGEND:	REVISIONS:	DATE: 03-31-2022
<ul style="list-style-type: none"> ○ EXISTING BOTTOM HOLE ☆ EXISTING / PRODUCING WELLHEAD LPL ☆ EXISTING LANDING POINT LOCATION ○ PROPOSED SURFACE HOLE / BOTTOM HOLE LPL ☆ PROPOSED LANDING POINT LOCATION — ACCESS ROAD — PUBLIC ROAD — FLOOD PLAIN — LEASE BOUNDARY — AS DRILLED PATH — PROPOSED PATH 		API NO: 47-103-03452 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 L	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	YOHO 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	YOHO DARREN ETAL	12-10-16
AC	YOHO 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

REVISIONS:

COMPANY:	 	
OPERATOR'S	SWN A WTZ	
WELL #:	201H	
DISTRICT:	COUNTY:	STATE:
PROCTOR	WETZEL	WV
DATE: 03-31-2022		DATE: 10/14/2022
API NO: 47-103-03452		
DRAWN BY: R. GRIMES		
SCALE: N/A		
DRAWING NO: 2016-519		
WELL LOCATION PLAT		



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.682666° LONGITUDE: -80.639672°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.694933° LONGITUDE: -80.668078°
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 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
- ★ EXISTING / PRODUCING WELLHEAD
- LPL* EXISTING LANDING POINT LOCATION
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- LPL* PROPOSED LANDING POINT LOCATION
- ACCESS ROAD
- FLOOD PLAIN
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

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	API # 47-103-3452
SURFACE OWNER: SWN PRODUCTION COMPANY, LLC	USGS 7 1/2 QUADRANGLE MAP NAME: WILEYVILLE, WV			

10/14/2022