

LATITUDE: 40°10'00" SURFACE HOLE (2000' SCALE)

9782'

LATITUDE: 40°07'30" BOTTOM HOLE (2000' SCALE)

4243'



www.jhacompanies.com

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.

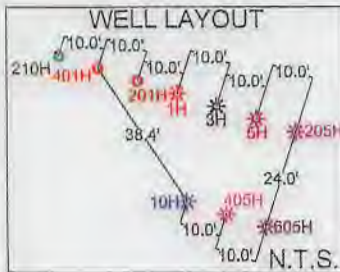


GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

LONGITUDE: 80°37'30" BOTTOM HOLE (2000' SCALE) 1846'

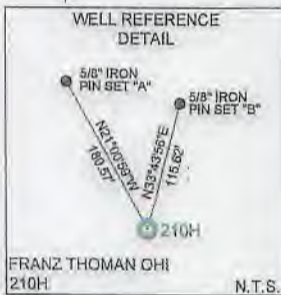
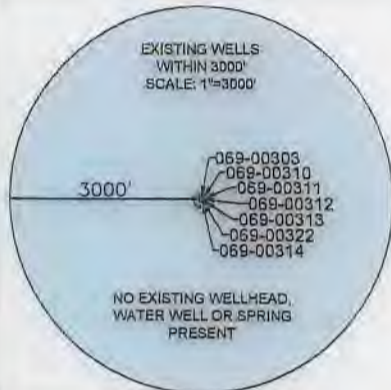
10923'

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



PROPOSED SURFACE HOLE

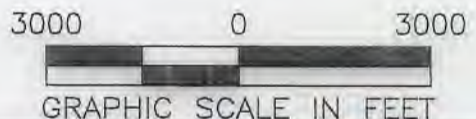
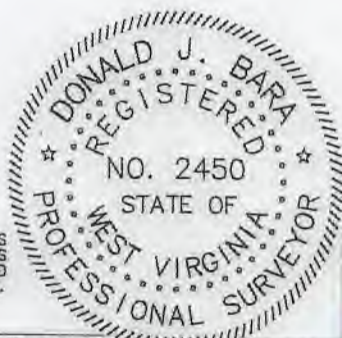
| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| L1   | N57°05'20"W | 1090.75' |
| L2   | N81°20'56"W | 1347.31' |



|   |
|---|
| <b>SURFACE HOLE LOCATION (SHL):</b><br>UTM (NAD83, ZONE 17, METERS):<br>NORTHING: 4442991.12<br>EASTING: 528963.99  |
| <b>LANDING POINT LOCATION (LPL):</b><br>UTM (NAD83, ZONE 17, METERS):<br>NORTHING: 4443033.68<br>EASTING: 529517.52 |
| <b>BOTTOM HOLE LOCATION (BHL):</b><br>UTM (NAD83, ZONE 17, METERS):<br>NORTHING: 4441122.48<br>EASTING: 530659.61   |

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. 2450



COMPANY: **SWN** Production Company, LLC

FRANZ THOMAN OH  
OPERATOR'S WELL #: 210H  
API WELL #: **47** **069** **00355**  
STATE COUNTY PERMIT

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW   
WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,137.4'  
DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONVILLE, OH-WV  
SURFACE OWNER: FRANZ THOMAN ACREAGE: ±69.418  
OIL & GAS ROYALTY OWNER: FRANZ THOMAN ACREAGE: ±69.418  
DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **01/13/2023**  
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5962' TVD 13848' TMD

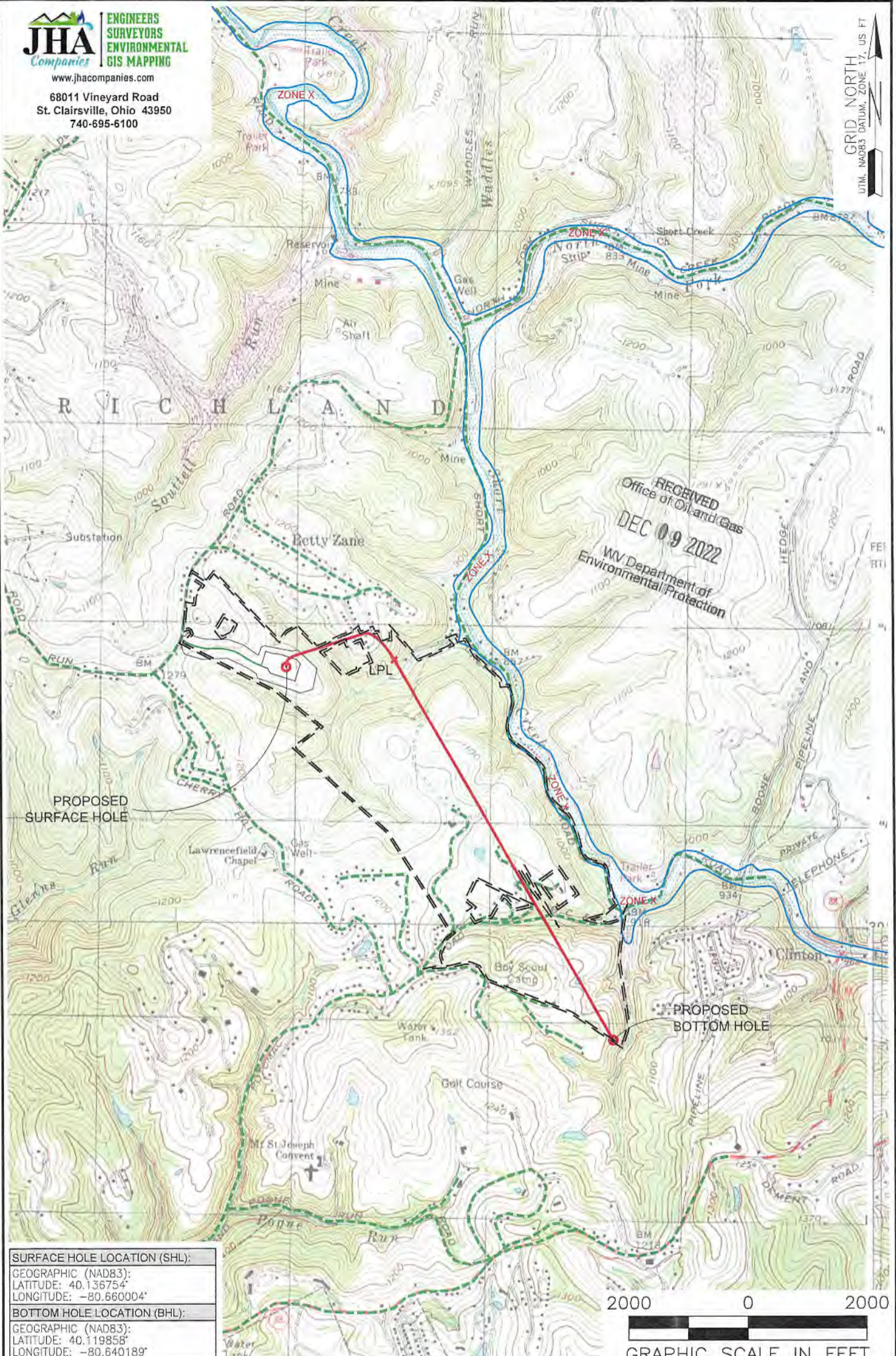
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY  
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201  
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

| LEGEND:                               | REVISIONS: | DATE:                |
|---------------------------------------|------------|----------------------|
| ● PROPOSED SURFACE HOLE / BOTTOM HOLE |            | 11-17-2022           |
| ★ EXISTING / PRODUCING WELLHEAD       |            | API NO: 47-069-XXXX  |
| LPL★ LANDING POINT LOCATION           |            | DRAWN BY: Z. WOOD    |
| ⊙ EXISTING WATER WELL                 |            | SCALE: 1" = 3000'    |
| ⊕ EXISTING SPRING                     |            | DRAWING NO: 2018-781 |
|                                       |            | WELL LOCATION PLAT   |

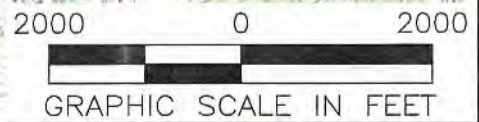








|                                     |
|-------------------------------------|
| <b>SURFACE HOLE LOCATION (SHL):</b> |
| GEOGRAPHIC (NAD83):                 |
| LATITUDE: 40.136754°                |
| LONGITUDE: -80.660004°              |
| <b>BOTTOM HOLE LOCATION (BHL):</b>  |
| GEOGRAPHIC (NAD83):                 |
| LATITUDE: 40.119858°                |
| LONGITUDE: -80.640189°              |



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

01/13/2023

|  |  |                       |                              |
|--|--|-----------------------|------------------------------|
| <b>WELL OPERATOR:</b><br>SWN PRODUCTION COMPANY, LLC                         | <b>WELL (FARM) NAME:</b><br>FRANZ THOMAN OHI                 | <b>WELL #</b><br>210H | <b>SERIAL #</b><br>XXXX      |
| <b>ADDRESS:</b><br>1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508 | <b>COUNTY:</b><br>OHIO                                       | <b>CODE:</b><br>069   | <b>DISTRICT:</b><br>RICHLAND |
| <b>SURFACE OWNER:</b><br>FRANZ THOMAN  | <b>USGS 7 1/2 QUADRANGLE MAP NAME:</b><br>TILTONVILLE, OH-WV |                       |                              |