



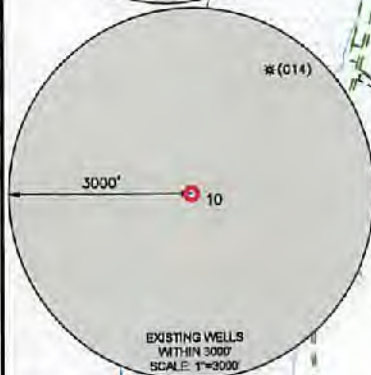
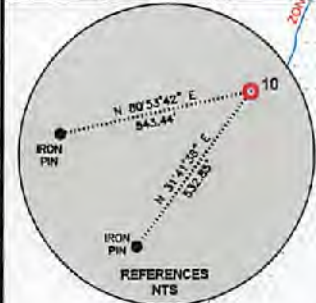
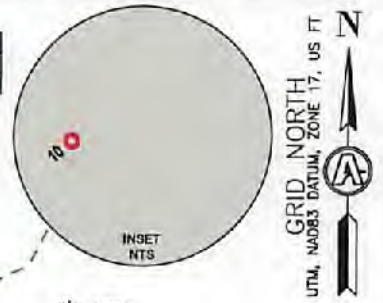
SURVEYOR/ENGINEER: 1-304-833-3463
2361 DAVISSON RUN ROAD, SUITE 103
CLARKSBURG, WV 26301

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.1511494°
LONGITUDE: -80.6869739°
UTM (NAD83, ZONE 17, FEET):
NORTHING: 14,581,927.869
EASTING: 1,727,886.404

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,580.504
EASTING: 526,660.829

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 87°54'13" E	1,726.06'	SHL TO MONUMENT	5/8" IRON REBAR
L2	N 70°45'15" E	1,786.09'	SHL TO MONUMENT	1" IRON PIPE



2000 0 2000

GRAPHIC SCALE IN FEET

WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD. LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

- TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE WV NORTH ZONE NAD '83.
- WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
- BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
- SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN OCTOBER OF 2021.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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.

Michael R. Hyman

P.S. 983



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	ROTH FARM, LLC (S/R)	4-R7-24
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WILLIAM H. & MARGARET A. MCCLURE	4-R8-7
B	WILLIAM H. & MARGARET A. MCCLURE	4-R7-26.1
C	SCOTT A. & TRACY L. LEIKAY	4-R8-2.3
D	CHARLENE M. FELDNER, T.O.D.	4-R8-2.1
E	SHANE J. CALDWELL & SUZANNE M. CALDWELL	4-R7-24.1
F	JOSEPH R. OLESZAK, JR, SR, & G	4-R8-2.2
G	JAMES F., JR & EILEEN B. MCKEE	4-R8-4.14
H	JAMES F., JR & EILEEN B. MCKEE	4-R8-77
I	PAUL BAKER	4-R8-4.18
J	LISA A. KUCERA	4-R8-4.8
K	GEORGE W. HELDEFFER	4-R8-4.7
L	ALLEN B. CAMPBELL	4-R8-4.9
M	SHANE J. & SUZANNE M. CALDWELL	4-R8-78
N	JOHN M. & B.C. CLARK	4-R8-4.10
O	R.E. B.J. L. CLEGG	2-CV1-5
P	ROBERT C. TOMAC, JR	2-CV1-4
Q	BENTON L. SR & K.S. ROGERSON	2-CV1-2
R	PHILLIP G. & CINDY M. SHEARER	2-CV1-1
S	JOHN THOMAS QUINN	2-CV4-7
T	THOMAS F. QUINN	2-CV4-7.4
U	SUZANNE J. & JAMES T. BENNER	2-CV4-7.5
V	AARON P. & RACHEL S. FEDORKE	2-CV4-4.1
W	AARON P. & TIMOTHY J. FEDORKE	2-CV4-3
X	CITY OF WHEELING	4-R7-18
Y	GARY HARTBLE, T.O.D.	4-R7-15.1
Z	ALICE MAE EDGE, T.O.D.	4-R7-23

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

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

COMPANY: **ROTH OHI**
OPERATOR'S WELL #: 10
API WELL #: 47 69 00339
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1004.0'

DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONVILLE 7.5', OH

SURFACE OWNER: ROTH FARMS, LLC ACREAGE: ±118.93

OIL & GAS ROYALTY OWNER: ROTH FARMS, LLC ACREAGE: ±118.93

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) xxxxxxxx

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,700 TYD 5,700 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITANY 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

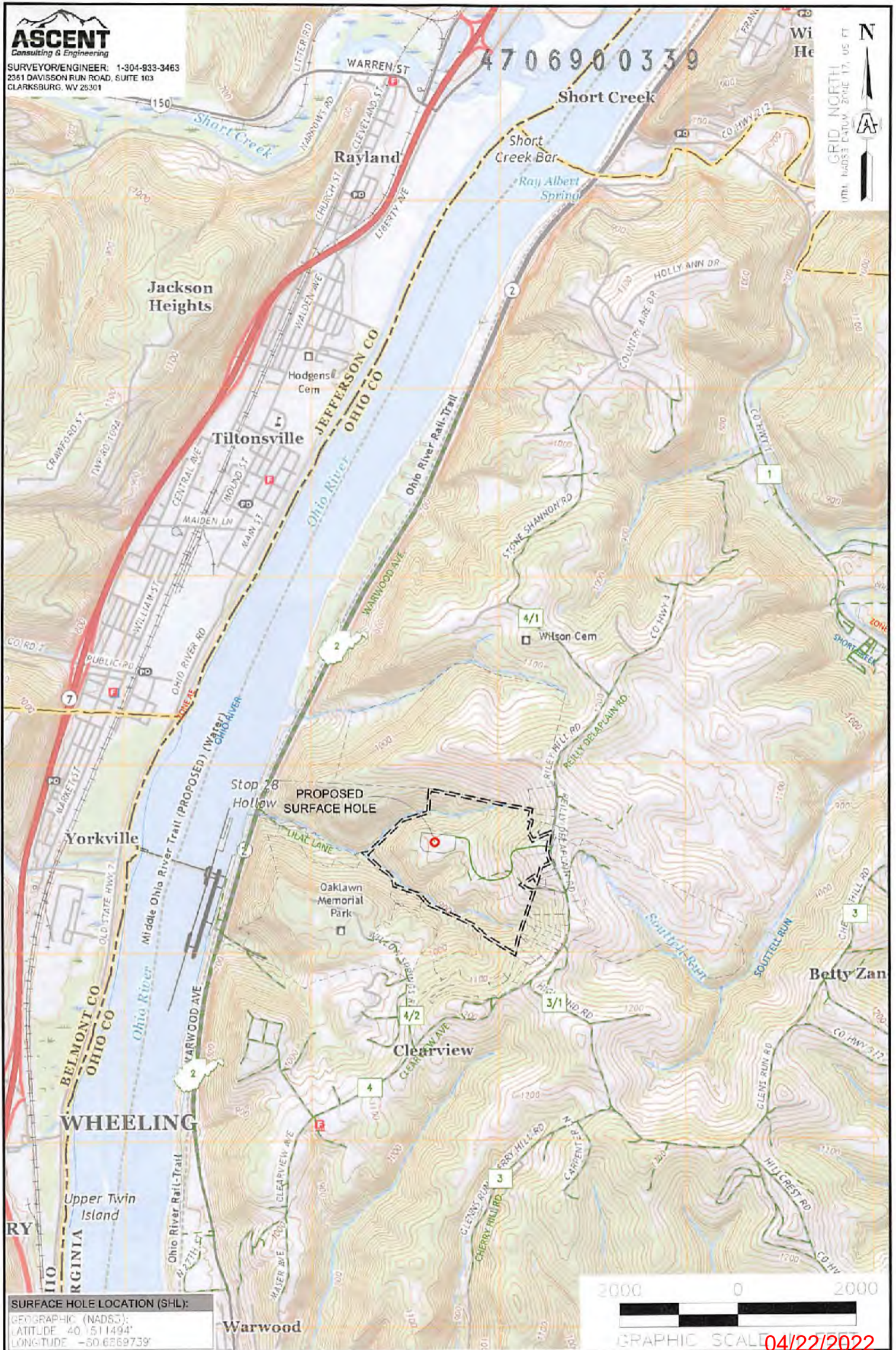
LEGEND:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY	02-24-2022
★ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	FILE NO:
LPL★ LANDING POINT LOCATION	— LEASE BOUNDARY	DRAWN BY: NBG
⊙ EXISTING WATER WELL	— PROPOSED PATH	SCALE: 1" = 2000'
⊙ EXISTING SPRING		DRAWING NO: 2598
		WELL LOCATION PLAT



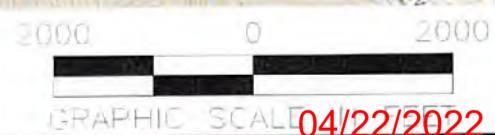
SURVEYOR/ENGINEER: 1-304-933-3463
 2351 DAVISSON RUN ROAD, SUITE 103
 CLARKSBURG, WV 25301

GRID NORTH
 VTM MAD33 DATUM, ZONE 17, US FT

4706900339



SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE 40 511494'
 LONGITUDE -80 6869739'



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 HEIGHTS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND

- PROPOSED SURFACE HOLE / EXISTING HOLE
- + EXISTING / PRODUCING WELLHEAD
- ✱ LPL LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV SITE
- LEASE BOUNDARY
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 SURFACE OWNER: ROTH FARMS, LLC	WELL (FARM) NAME ROTH OHI COUNTY - CODE OHIO - 35 DISTRICT, RICHLAND USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV WELL # 10 SERIAL # XXXX
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