

LATITUDE: 40°07'30" SURFACE HOLE (2000' SCALE) 305'

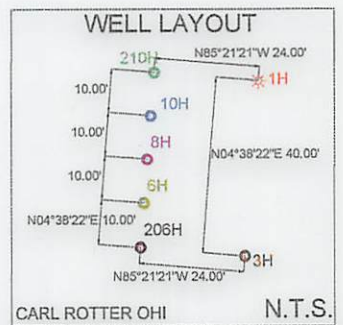
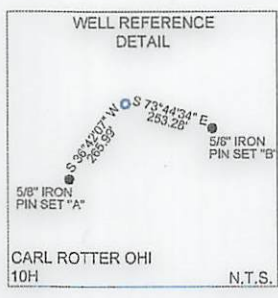
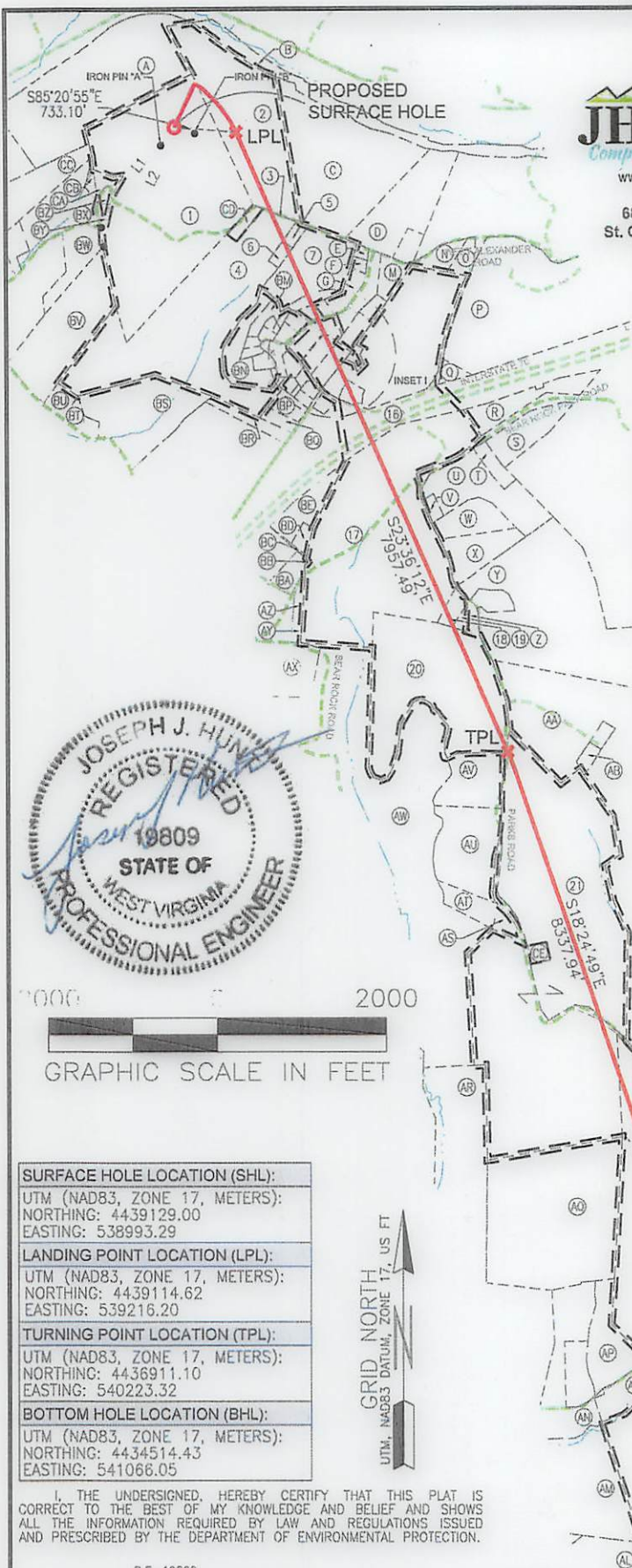
LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE)



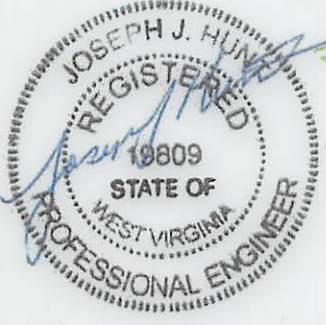
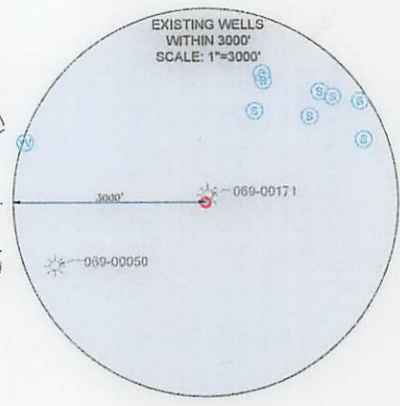
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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 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	S36°52'31"W	1452.98'
L2	S31°16'38"W	1629.07'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439129.00 EASTING: 538993.29
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4436911.62 EASTING: 539216.20
TURNING POINT LOCATION (TPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4436911.10 EASTING: 540223.32
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4434514.43 EASTING: 541066.05

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

COMPANY: **SWN** Production Company, LLC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

MINIMUM DEGREE OF ACCURACY: 1/200

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

WVDEP OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

OPERATOR'S WELL #: CARL ROTTER OHI 10H

API WELL #: 47 069 00328 H6A

STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1336.1'

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV

SURFACE OWNER: CARL J. & GRACE A. ROTTER ACREAGE: ±77.45

OIL & GAS ROYALTY OWNER: CARL J. & GRACE A. ROTTER ACREAGE: ±77.45

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

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **03/11/2022**

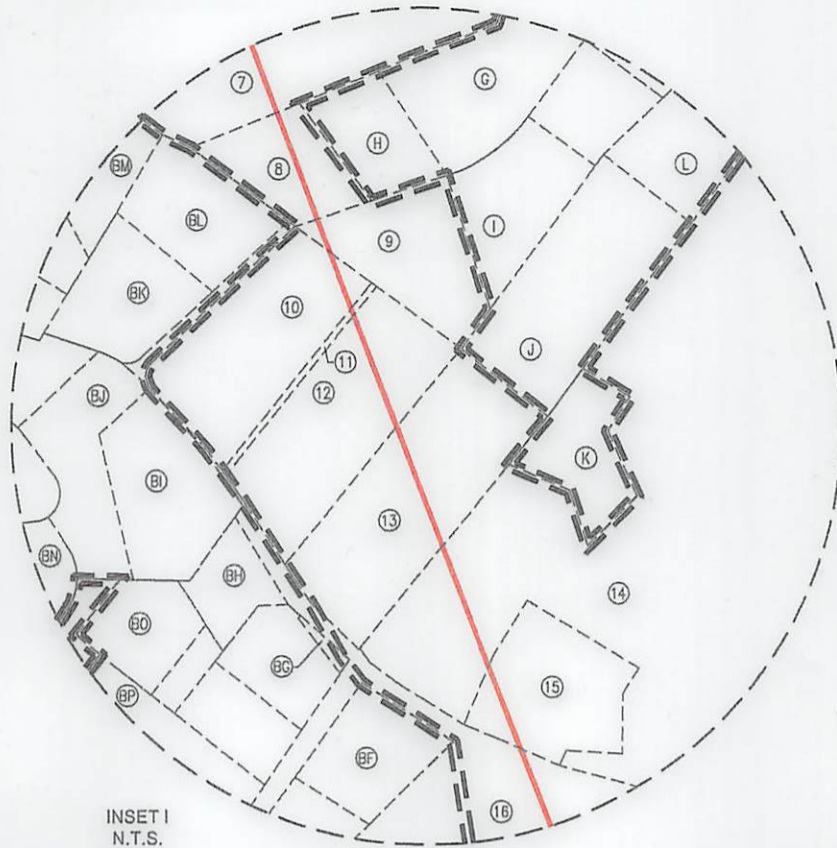
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,766' TVD 23,344' TMD

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: 02-25-2022
● PROPOSED SURFACE HOLE / BOTTOM HOLE		API NO: 47-069-XXXX
⊙ EXISTING / PRODUCING WELLHEAD	— NATURAL WATERWAY	DRAWN BY: R. GRIMES
LPL LANDING POINT LOCATION	— SURVEYED BOUNDARY	SCALE: 1" = 2000'
⊙ EXISTING WATER WELL	== LEASE BOUNDARY	DRAWING NO: 2018-0153
⊙ EXISTING SPRING	— PROPOSED PATH	WELL LOCATION PLAT
	— PUBLIC ROAD	



INSET I
N.T.S.

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	ROTTER CARL J & GRACE A (S/R)	3-111-54
2	GRIFFITH SHARON & WARREN	3-111-60.1
3	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	REALTREE RD., FKA TRESTLEWORK ROGERS RD., AKA ROGERS ROAD
4	KLAGES LLOYD A JR.	3-111-46.18
5	POWERS JEFFREY B	3-111-46.20
6	KLAGES PROPERTIES LLC	3-111-46.9
7	WOLEN JOHN J & MICHELLE L	3-111-46.11
8	TUNNEL RIDGE LLC	3-111-46.13
9	JSNE LLC (LOT 2)	3-111-46.8
10	KOSOL JOSEPH JOHN JR., & LAURA JEAN	3-111-48.4
11	TUNNEL RIDGE LLC	3-111-48.5
12	TUNNEL RIDGE LLC	3-111-48.2
13	TUNNEL RIDGE LLC	3-114-54
14	HALL ROBERT H. & LAURA L., HALL DAVID LEE & SANDRA SUE, PASCO THOMAS P. & MARY	3-115-1.1
15	WOOD BRENTON R & KELLY S	3-115-1.2
16	STATE OF WEST VIRGINIA, DEPARTMENT OF HIGHWAYS	INTERSTATE 70
17	PAGENDARM PATRICIA M.	3-115-2.2
18	MORGAN SALLY A	3-115-2.4
19	MORGAN SALLY A	3-115-2.8
20	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-75-2
21	DAVIS JOHN RICHARD JR., DAVIS DEBRA L., DAVIS JOSEPH DAVID	6-710-1
22	HORR DONNIE L., BRIGGS KAREN L., HORR GLENN B.	6-710-4
23	HORR DONNIE L & MICHELLE	6-710-4.1
24	LEMMON JOSHUA, LEMMON MORGAN ASHLEY, LEMMON WADE LEE	6-710-10
25	MOORE THOMAS E	680-005-00-00-0002-00
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	NOLAN JOHN A JR	3-111-61
B	TUNNEL RIDGE LLC	3-112-32
C	WATKINS THERESA & MARK	3-111-60
D	TUNNEL RIDGE LLC	3-112-25
E	JSNE LLC (LOT15)	3-111-46.8
F	TUNNEL RIDGE LLC	3-111-46.2
G	JSNE LLC (LOTS 5,7,9,11)	3-111-46.8
H	TUNNEL RIDGE LLC	3-111-46.19
I	TUNNEL RIDGE LLC	3-111-46.12
J	TUNNEL RIDGE LLC	3-111-48.1
K	TUNNEL RIDGE LLC	3-115-7
L	KLAGES LLOYD A JR & AMY	3-111-48.10
M	KLAGES LLOYD A JR & AMY	3-112-30
N	TUNNEL RIDGE LLC	3-112-18.1
O	TUNNEL RIDGE LLC	3-112-18.2
P	TRIPLE P LLC	3-112-18
Q	TURNER FRANCES A	3-112-18.6
R	TRIPLE P LLC	3-112-18.8
S	TRIPLE P LLC	3-112-18.9
T	BERGHOFF BRAD W	3-115-2.9
U	BERGHOFF GERALD W	3-115-2.6
V	GYEKIS ROBERT J & VICKI L	3-115-2.3
W	ERNEST LAWRENCE F & DEBORAH	3-115-3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
X	ERNEST LAWRENCE F & DEBORAH K	3-115-4.1
Y	OLIVER LUCAS B	3-115-4
Z	JEWETT CLARENCE G AND TRACY	3-115-4.2
AA	TUNNEL RIDGE LLC	3-115-4.6
AB	TUNNEL RIDGE LLC	3-115-4.4
AC	BRIGGS KAREN LYNN & HENRY WILLIAM	6-710-4.2
AD	HORR DONNIE L & GLENN B & KAREN L BRIGGS,	680-005-00-00-0003-00
AE	HANCHER MATTHEW W,	680-005-00-00-0010-00
AF	DUNN WILLIAM C & SALLIE A,	680-005-00-00-0010-02
AG	BECK DONALD L SR & SANDRA E	680-005-00-00-0010-01
AH	SZAFRANEC ANDREW D	680-005-00-00-0014-03
AI	HAGAN DAVID E & CLAIRE M FAMILY TR DAVID E & CLAIRE M HAGAN TRUSTEES	680-005-00-00-0001-01
AJ	HAGAN DAVID E & CLAIRE M FAMILY TR DAVID E & CLAIRE M HAGAN TRUSTEES	680-005-00-00-0001-00
AK	ALDERMAN ROY M	6-710-11.4
AL	ALDERMAN ROY M	6-710-11.6
AM	KRUPINSKI MARK	6-710-5.6
AN	KRUPINSKI MARK D & JAN M	6-710-5
AO	ASHTON BETH A JACOBS DOUGLAS E	6-710-9
AP	RICHEY DONALD EDWARD JR RICHEY CHRISTINE	6-710-5.9
AQ	WINESBURG J. MICHAEL	6-710-5.4
AR	WILD LIFE LEAGUE OF OHIO CO	6-710-2
AS	DAVIS JOHN R JR & ADA I	6-75-6
AT	DAVIS JOHN RICHARD & ADA I	6-75-2.3
AU	DAVIS JOHN RICHARD JR. & ADA I	6-75-2.1
AV	GIVENS HERSCHEL L. & JONES DOROTHY S.	6-75-2.2
AW	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-75-1
AX	WEST VIRGINIA DEPT NAT RES	3-114-29
AY	NIETZEL EDWARD L	3-114-38
AZ	ERNEST KELLY MICHAEL	3-114-35
BA	ERNEST DEBORAH J	3-114-31.5
BB	ERNEST DEBORAH J	3-114-34
BC	TULLY JAMES M & VERONICA	3-114-31.1
BD	TULLY JAMES M	3-114-31.4
BE	TULLY JAMES M & VERONICA	3-114-31.2
BF	TUNNEL RIDGE, LLC	3-114-39
BG	NUNES ANDREW J	3-111-48.9
BH	MARKING JOHN E & TINA J	3-111-48.3
BI	OHIO RIVER COLLIERIES COMPANY (LOTS 1&2)	3-111-46.3
BJ	MOORE SCOTT E & LEAH (LOTS 3&5)	3-111-46.10
BK	TUNNEL RIDGE LLC	3-111-48.13
BL	TUNNEL RIDGE LLC	3-111-48.6
BM	TUNNEL RIDGE LLC (LOTS 21-23&25)	3-111-46.17
BN	HOMESTEAD FARMS LLC (LOTS 6-11&16-20)	3-111-46
BO	TUNNEL RIDGE, LLC	3-111-46.7
BP	HENDERSON DENNIS C & MURPHY PATRICIA A	3-114-53
BQ	TUNNEL RIDGE LLC	3-114-51
BR	TUNNEL RIDGE LLC	3-114-52.1
BS	DEAN LAWRENCE J II & JANET S	3-114-49
BT	WATSON GARY L	3-114-21
BU	HEINRICH EARNEST J. III & ANGELA R.	3-114-22
BV	WATSON GARY L	3-111-55.1
BW	WEASE DUANE L & RHONDA L	3-111-55.2
BX	DAVIS DONNA EVANS & WEASE RHONDA EVANS	3-111-49
BY	ROTTER C J & GRACE A	3-111-53
BZ	ROTTER C J & GRACE A	3-111-52
CA	DAVIS DONNA E & DANIEL R	3-111-50
CB	DAVIS DONNA EVANS & DANIEL R	3-111-49.2
CC	ROTTER CARL J & GRACE A	3-111-64
CD	SCHMIDT TODD R	3-111-46.22
CE	DAVIS DEBRA L	3-115-5

03/11/2022

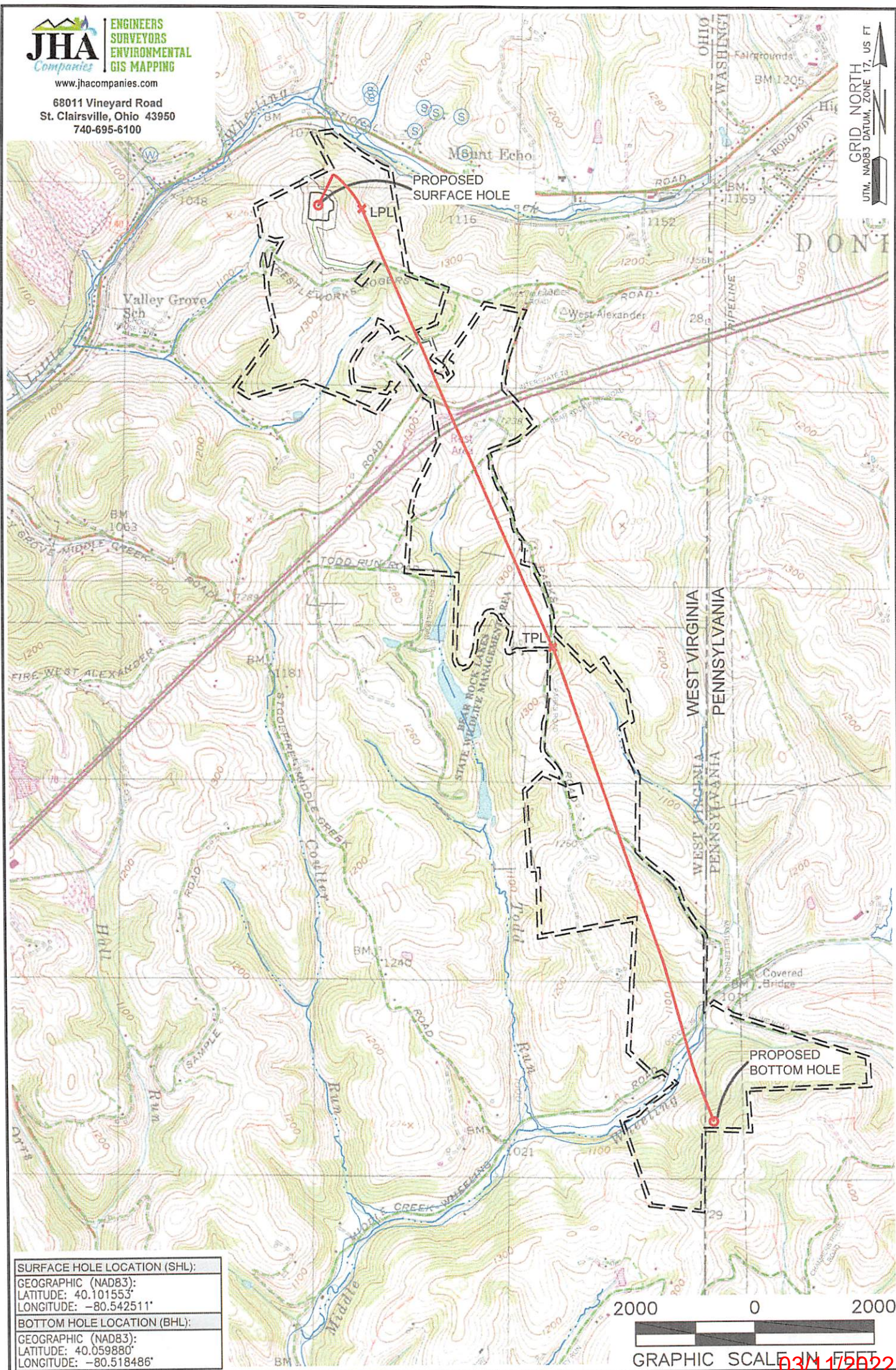
REVISIONS:

COMPANY:			DATE: 02-25-2022
OPERATOR'S	CARL ROTTER OHI		API NO: 47-069-XXXXX
WELL #:	10H		DRAWN BY: R. GRIMES
DISTRICT:	COUNTY:	STATE:	SCALE: N/A
LIBERTY	OHIO	WV	DRAWING NO: 2018-0153
			WELL LOCATION PLAT

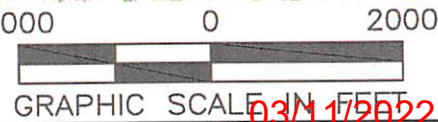


www.jhacompanies.com
 68011 Vineyard Road
 St. Clairsville, Ohio 43950
 740-695-6100

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.101553°
LONGITUDE: -80.542511°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.059880°
LONGITUDE: -80.518486°



03/11/2022

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	NATURAL WATERWAY
EXISTING / PRODUCING WELLHEAD	ACCESS ROAD
LPL LANDING POINT LOCATION	PUBLIC ROAD
FLOOD PLAN	ACCESS ROAD TO PREV. SITE
	LEASE BOUNDARY
	PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CARL ROTTER OHI	WELL # 10H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: OHIO	CODE: 9	DISTRICT: LIBERTY
SURFACE OWNER: CARL J. & GRACE A. ROTTER	USGS 7 1/2 QUADRANGLE MAP NAME: VALLEY GROVE, WV		