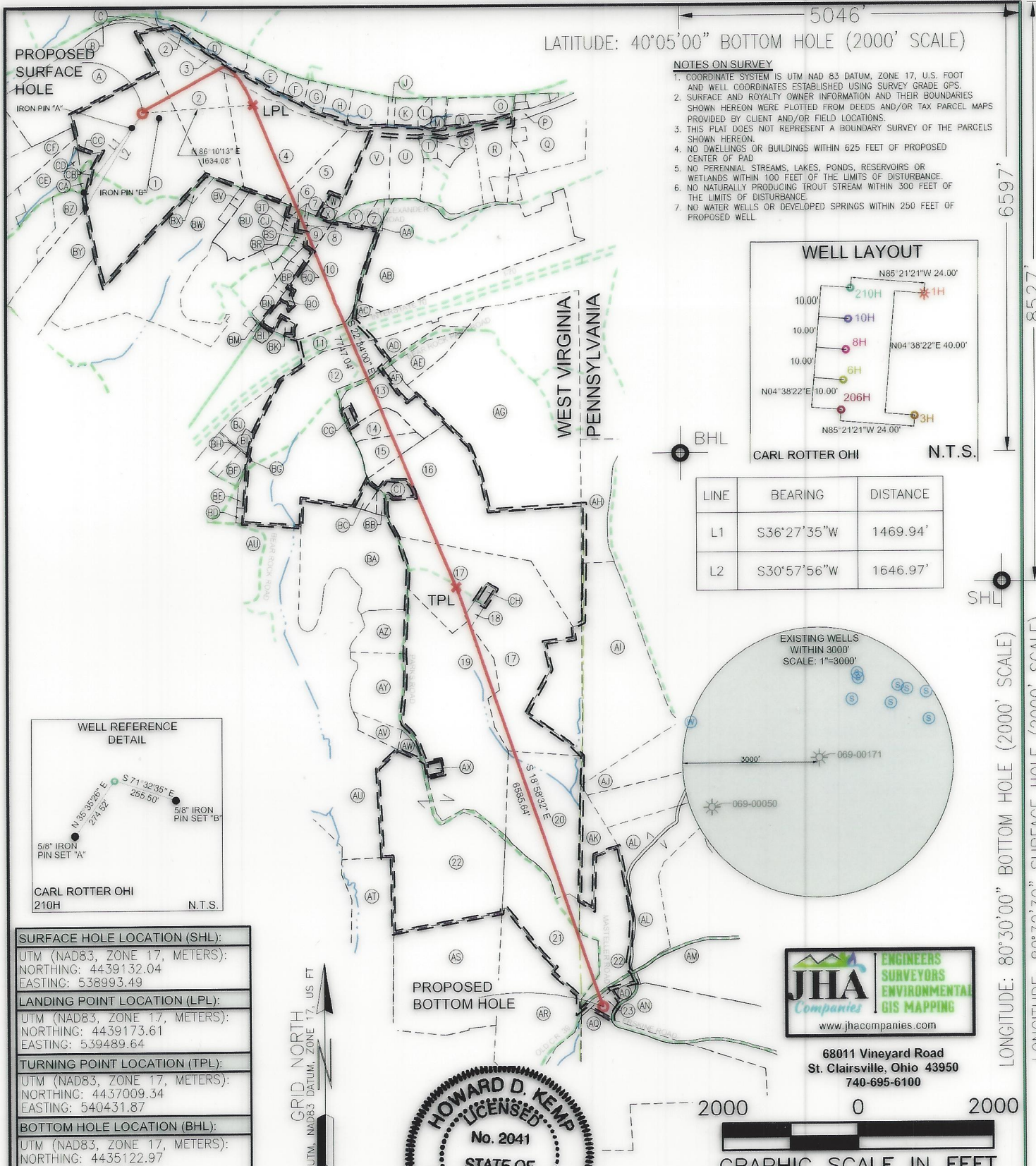
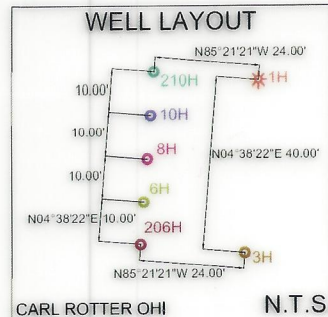


LATITUDE: 40°07'30" SURFACE HOLE (2000' SCALE) 303'

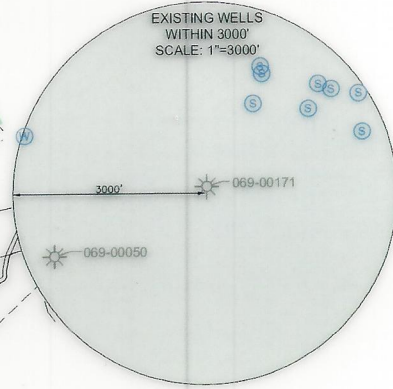
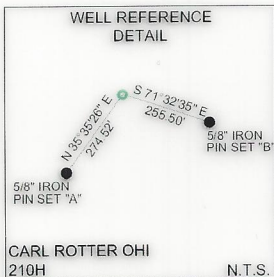
LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE)



- 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 WELLS.



LINE	BEARING	DISTANCE
L1	S36°27'35"W	1469.94'
L2	S30°57'56"W	1646.97'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439132.04 EASTING: 538993.49
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439173.61 EASTING: 539489.64
TURNING POINT LOCATION (TPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4437009.34 EASTING: 540431.87
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4435122.97 EASTING: 541116.03



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



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. 2041

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: CARL ROTTER OHI 210H API WELL #: 47 STATE 069 COUNTY 00331 PERMIT
---	--	---

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1336.0'

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)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,766' IVD 21,322' IVD

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: 04-29-2021
<ul style="list-style-type: none"> PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLS HEAD LPL* LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING NATURAL WATERWAY SURVEYED BOUNDARY LEASE BOUNDARY PROPOSED PATH PUBLIC ROAD 		API NO: 47-069-00331 DRAWN BY: R. GRIMES SCALE: 1" = 2000' DRAWING NO: 2018-0153 WELL LOCATION PLAT

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-L11-54
TRACT	SURFACE OWNER	TAX PARCEL
2	GRIFFITH SHARON & WARREN	3-L11-60.1
3	TUNNEL RIDGE LLC	3-L12-32
4	WATKINS THERESA & MARK	3-L11-60
5	TUNNEL RIDGE LLC	3-L12-25
6	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	REALTREE RD., FKA TRESTLEWORK ROGERS RD., AKA ROGERS ROAD
7	JSNE LLC	3-L11-46.8
8	TUNNEL RIDGE LLC	3-L11-46.16
9	KLAGES LLOYD A JR & AMY	3-L12-30
10	HALL ROBERT H. & LAURA L., HALL DAVID LEE & SANDRA SUE, PASCO THOMAS P. & MARY	3-L15-1.1
11	STATE OF WEST VIRGINIA, DEPARTMENT OF HIGHWAYS	INTERSTATE 70
12	PAGENDARM JOS F & P M	3-L15-2.2
13	BERGHOFF GERALD W	3-L15-2.6
14	ERNEST LAWRENCE F & DEBORAH	3-L15-3
15	ERNEST LAWRENCE F & DEBORAH K	3-L15-4.1
16	OLIVER LUCAS B	3-L15-4
17	TUNNEL RIDGE LLC	3-L15-4.6
18	TUNNEL RIDGE LLC	3-L15-4.4
19	DAVIS JOHN RICHARD JR, DAVIS DEBRA L, DAVIS JOSEPH DAVID	6-T10-1
20	BRIGGS KAREN LYNN & HENRY WILLIAM	6-T10-4.2
21	HORR DONNIE L, BRIGGS KAREN L, HORR GLENN B	6-T10-4
22	HORR DONNIE L, BRIGGS KAREN L, HORR GLENN B	680-005-00-00-0003-00
23	HANCHER MATTHEW W	680-005-00-00-0010-00

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	NOLAN JOHN A JR	3-L11-61
B	NOLAN JOHN A JR	3-L11-66
C	NOLAN JOHN A JR	3-L11-63
D	MAZGAJ MILDRED J	3-L11-62
E	MAZGAJ MILDRED J	3-L11-67
F	FORDYCE TERRY L	3-L12-23
G	FORDYCE SHAUN LEMOINE & JASON ERIC	3-L12-24
H	GOUDY JUDITH A TRUSTEE JUDITH A GOUDY TRUST	3-L12-29
I	PLOCK DOUGLAS J & CHRISTINE M	3-L12-28
J	McCAVE SCOTT C	3-L12-10.3
K	G W RENTALS LLC	3-L12-10
L	WHEELING COIN LLC	3-L12-10.7
M	SHRIVER DANIEL L JR & CHRISTINA E	3-L12-10.5
N	ONEIL MICHELE	3-L12-10.4
O	ONEIL MICHELE I	3-L12-11
P	FRYE RICHARD L & CHERYL L	3-L12-31
Q	FRYE RICHARD L	3-L12-15
R	SHRIVER DANIEL L & GOLDIE ANN	3-L12-21
S	SHRIVER DANIEL L JR & GOLDIE ANN	3-L12-21.5
T	SHRIVER DANIEL L & GOLDIE	3-L12-21.3
U	MCFARLAND DENNIS E & BRIS NANCY M	3-L12-22
V	TUNNEL RIDGE LLC	3-L12-25.1
W	KLAGES LLOYD A JR	3-L12-25.2
X	ENGLISH MARGARET B	3-L12-25.3
Y	TUNNEL RIDGE LLC	3-L12-18.1
Z	TUNNEL RIDGE LLC	3-L12-18.2
AA	TRIPLE P LLC	3-L12-18.3
AB	TRIPLE P LLC	3-L12-18
AC	TURNER FRANCES A	3-L12-18.6
AD	TRIPLE P LLC	3-L12-18.8
AE	TRIPLE P LLC	3-L12-18.9
AF	BERGHOFF BRAD W	3-L15-2.9
AG	BERGHOFF GERALD W	3-L15-5
AH	TUNNEL RIDGE LLC	230-006-00-00-0015-00

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
AI	MOORE HEIDI L & BENJAMIN R	230-006-00-00-0010-00
AJ	GREAVES THOMAS & MARTHA	230-006-00-00-0012-01
AK	BRIGGS KAREN LYNN	680-005-00-00-0003-01
AL	GREAVES THOMAS & MARTHA	680-005-00-00-0004-02
AM	DUNN WILLIAM C & SALLIE A	680-005-00-00-0004-01
AN	DUNN WILLIAM C & SALLIE A	680-005-00-00-0010-02
AO	HANCHER MATTHEW W & KELLY	680-005-00-00-0010-03
AQ	MOORE THOMAS E	680-005-00-00-0002-00
AR	HORR DONNIE L & MICHELLE	6-T10-4.1
AS	WINESBURG MICHAEL J	6-T10-5.4
AT	WILD LIFE LEAGUE OF OHIO CO	6-T10-2
AU	CONSERVATION COMM OF W VA	6-T5-1
AV	DAVIS JOHN RICHARD & ADA I	6-T5-2.3
AW	DAVIS JOHN RICHARD JR & ADA I	6-T5-6
AX	DAVIS DEBRA L	6-T5-5
AY	DAVIS JOHN R & ADA I	6-T5-2.1
AZ	GIVENS HERSCHEL L & JONES DORTHY S	6-T5-2.2
BA	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-T5-2
BB	JEWETT CLARENCE G AND TRACY	3-L15-4.2
CI	OLIVER LUCAS B C/O MCCAMIC JEFF	3-L15-4.5
BC	MORGAN SALLY A	3-L15-2.4
BD	NIETZELT EDWARD L	3-L14-38
BE	ERNEST KELLY MICHAEL	3-L14-35
BF	ERNEST DEBORAH J	3-L14-31.5
BG	ERNEST DEBORAH J	3-L14-34
BH	TULLY JAMES M & VERONICA	3-L14-31.1
BI	TULLY JAMES M	3-L14-31.4
BJ	TULLY JAMES M & VERONICA	3-L14-31.2
BK	WOOD BRENTON R & KELLY S	3-L15-1.2
BL	TUNNEL RIDGE LLC	3-L14-39
BM	NUNES ANDREW J	3-L11-48.9
BN	TUNNEL RIDGE LLC	3-L14-54
BO	HALL ROBERT H & LAURA L	3-L15-7
BP	HALL ROBERT H & LAURA L	3-L11-48.1
BQ	KLAGES LLOYD A JR & AMY	3-L11-48.10
BR	TUNNEL RIDGE LLC	3-L11-46.14
BS	TUNNEL RIDGE LLC	3-L11-46.15
CJ	JSNE LLC	3-L11-46.8
BT	TUNNEL RIDGE LLC	3-L11-46.2
BU	WOLEN JOHN J & MICHELLE L	3-L11-46.11
BV	POWERS JEFFREY B	3-L11-46.20
BW	KLAGES LLOYD A JR	3-L11-46.18
BX	SCHMIDT TODD R	3-L11-46.22
BY	WATSON GARY L & ROSE	3-L11-55.1
BZ	WEASE DUANE L & RHONDA L	3-L11-55.2
CA	ROTTER C J & GRACE A	3-L11-53
CB	ROTTER C J & GRACE A	3-L11-52
CC	DAVIS DONNA E & DANIEL R	3-L11-50
CD	DAVIS DONNA EVANS & DANIEL R	3-L11-49.2
CE	DAVIS DONNA EVANS & WEASE RHONDA EVANS	3-L11-49
CF	ROTTER CARL J & GRACE A	3-L11-64
CG	GYEKIS ROBERT J & VICKI L	3-L15-2.3
CH	TUNNEL RIDGE LLC	3-L15-4.3

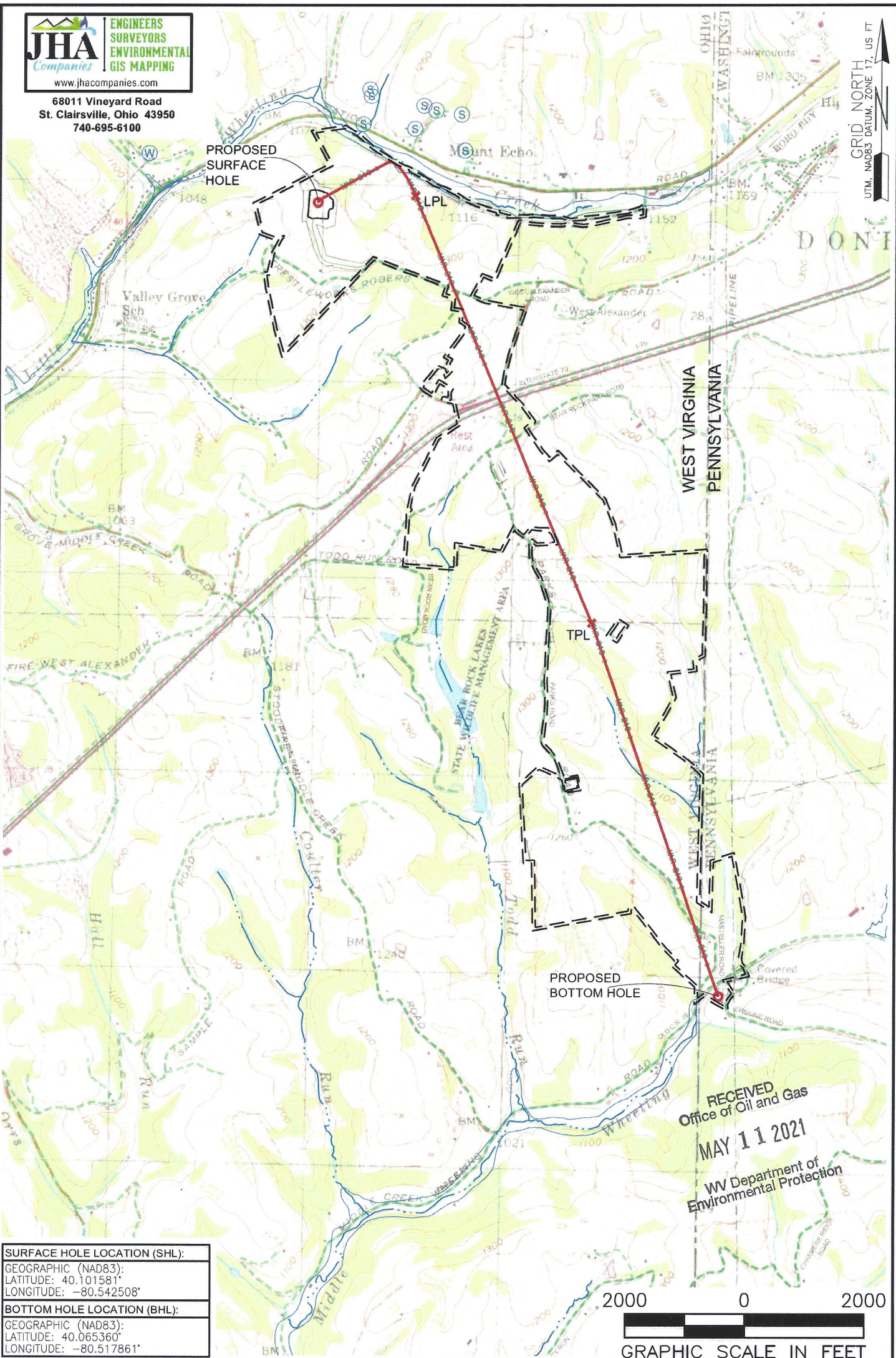
REVISIONS:	

COMPANY:					
OPERATOR'S		CARL ROTTER OHI		DATE: 04-29-2021	
WELL #:		210H		API NO: 47-069-00331	
DISTRICT:		LIBERTY		DRAWN BY: R. GRIMES	
COUNTY:		OHIO		SCALE: N/A	
STATE:		WV		DRAWING NO: 2018-0153	
WELL LOCATION PLAT					

05/28/2021



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: 40.101581°
LONGITUDE: -80.542508°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.065360°
LONGITUDE: -80.517861°

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
- LPL ✖ LANDING POINT LOCATION
- FLOOD PLAIN
- NATURAL WATERWAY
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

RECEIVED
Office of Oil and Gas
MAY 11 2021
WV Department of
Environmental Protection

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CARL ROTTER OHI	WELL # 210H	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		