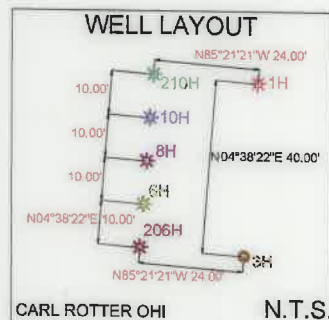


LATITUDE: 40°07'30" SURFACE HOLE (2000' SCALE) 303'

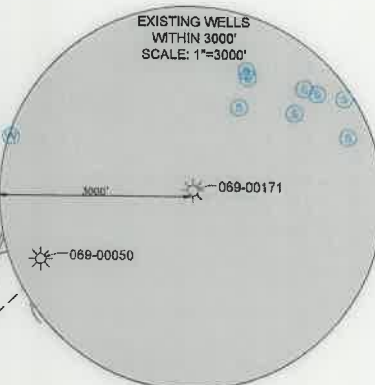
LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE)

NOTES ON SURVEY

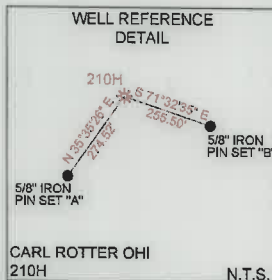
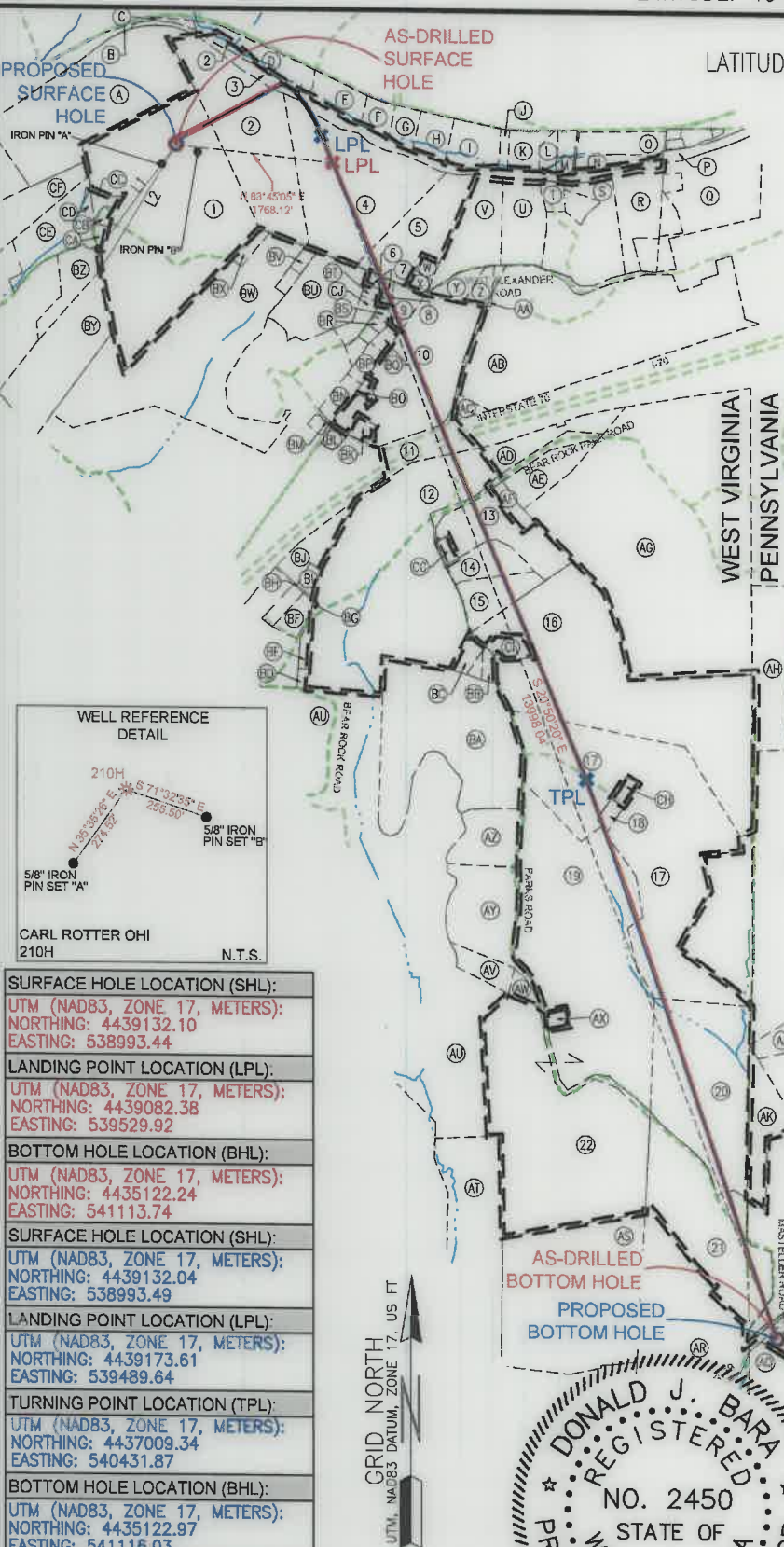
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES 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	S36°27'35"W	1469.94'
L2	S30°57'56"W	1646.97'

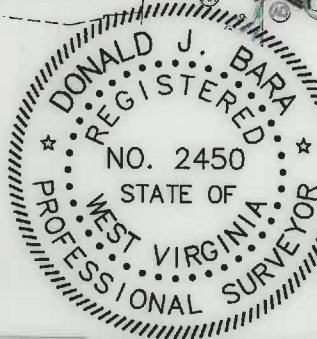


68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439132.10 EASTING: 538993.44
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439082.38 EASTING: 539529.92
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4435122.24 EASTING: 541113.74
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

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



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

(+) 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: **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: 1336.7'

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) **AS-DRILLED**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,762' **10/21/2022**

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:
● EXISTING BOTTOM HOLE		08-12-2022
★ EXISTING / PRODUCING WELLHEAD		API NO: 47-069-00331
LPL★ EXISTING LANDING POINT LOCATION		DRAWN BY: R. GRIMES
● PROPOSED SURFACE HOLE / BOTTOM HOLE		SCALE: 1" = 2000'
LPL★ PROPOSED LANDING POINT LOCATION		DRAWING NO: 2018-0153
— ACCESS ROAD		WELL LOCATION PLAT
— PUBLIC ROAD		
— FLOOD PLAIN		
— LEASE BOUNDARY		
— AS DRILLED PATH		
— PROPOSED PATH		

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
		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

10/21/2022

REVISIONS:	COMPANY: SWN Production Company, LLC		DATE: 08-12-2022	
	OPERATOR'S: CARL ROTTER OHI		API NO: 47-069-00331	
	WELL #: 210H		DRAWN BY: R. GRIMES	
	DISTRICT: LIBERTY	COUNTY: OHIO	STATE: WV	SCALE: N/A
				DRAWING NO: 2018-0153
				WELL LOCATION PLAT

COMPLETION ID 2501171226
PAD ID 3001156596