

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

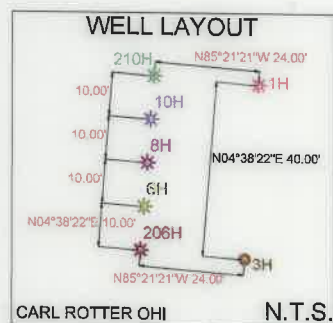
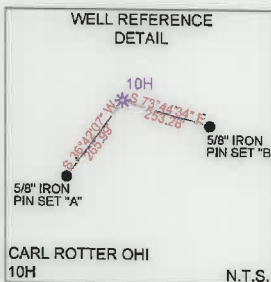
LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE) 5218'



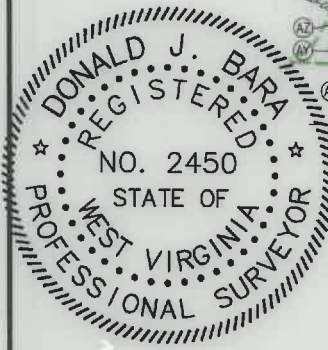
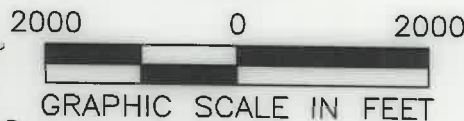
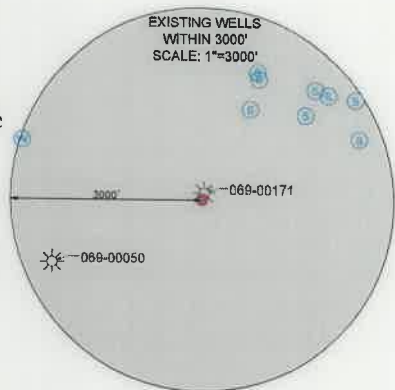
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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'



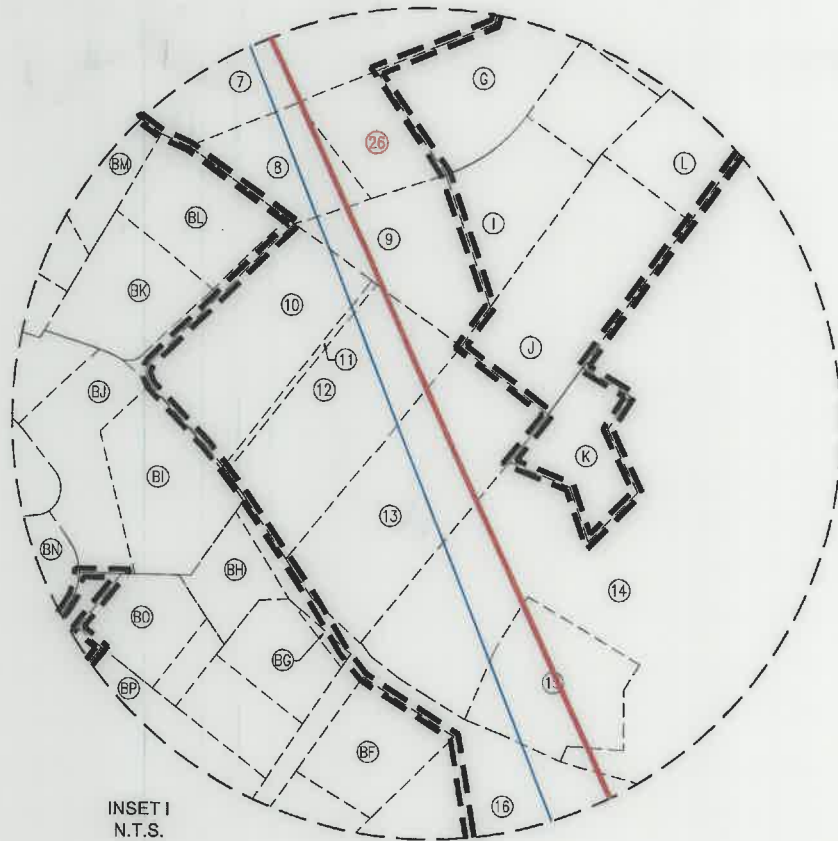
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439129.04 EASTING: 538993.31
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439099.83 EASTING: 539223.34
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4434514.52 EASTING: 541065.62
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439129.00 EASTING: 538993.29
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439114.62 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.S. 2450

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

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)</p>	<p>CARL ROTTER OHI</p> <p>OPERATOR'S WELL #: 10H</p> <p>API WELL #: 47 069 00328</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: UPPER OHIO SOUTH ELEVATION: 1336.7'</p> <p>DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV</p> <p>SURFACE OWNER: CARL J. & GRACE A. ROTTER ACREAGE: ±77.45</p> <p>OIL & GAS ROYALTY OWNER: CARL J. & GRACE A. ROTTER ACREAGE: ±77.45</p> <p>DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,794' 10/21/2022</p>	<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC</p> <p>ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201</p> <p>CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p> <p>DESIGNATED AGENT: BRITTANY WOODY</p> <p>ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201</p> <p>CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>
<p>LEGEND:</p> <ul style="list-style-type: none"> EXISTING BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL* EXISTING LANDING POINT LOCATION PROPOSED SURFACE HOLE / BOTTOM HOLE LPL* PROPOSED LANDING POINT LOCATION ACCESS ROAD PUBLIC ROAD FLOOD PLAIN LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH 	<p>REVISIONS:</p> <p>DATE: 08-12-2022</p> <p>API NO: 47-069-00328</p> <p>DRAWN BY: R. GRIMES</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 2018-0153</p> <p>WELL LOCATION PLAT</p>	



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-T5-2
21	DAVIS JOHN RICHARD JR., DAVIS DEBRA L., DAVIS JOSEPH DAVID	6-T10-1
22	HORR DONNIE L., BRIGGS KAREN L., HORR GLENN B.	6-T10-4
23	HORR DONNIE L & MICHELLE	6-T10-4.1
24	LEMMON JOSHUA, LEMMON MORGAN ASHLEY, LEMMON WADE LEE	6-T10-10
25	MOORE THOMAS E	680-005-00-00-0002-00
26	TUNNEL RIDGE LLC	3-111-46.19

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-T10-4.2
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	SZAFRANIEC 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-T10-11.4
AL	ALDERMAN ROY M	6-T10-11.6
AM	KRUPINSKI MARK	6-T10-5.6
AN	KRUPINSKI MARK D & JAN M	6-T10-5
AO	ASHTON BETH A JACOBS DOUGLAS E	6-T10-9
AP	RICHEY DONALD EDWARD JR RICHEY CHRISTINE	6-T10-5.9
AQ	WINESBURG J. MICHAEL	6-T10-5.4
AR	WILD LIFE LEAGUE OF OHIO CO	6-T5-2
AS	DAVIS JOHN R JR & ADA I	6-T5-6
AT	DAVIS JOHN RICHARD & ADA I	6-T5-2.3
AU	DAVIS JOHN RICHARD JR. & ADA I	6-T5-2.1
AV	GIVENS HERSCHEL L. & JONES DOROTHY S.	6-T5-2.2
AW	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-T5-1
AX	WEST VIRGINIA DEPT NAT RES	3-114-29
AY	NIETZELT 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	6-T5-5

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	REMOVED	REMOVED
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

REVISIONS:

COMPANY: **SWN** Production Company, LLC

OPERATOR'S: **CARL ROTTER OHI**

WELL #: **10H**

DISTRICT: **LIBERTY** COUNTY: **OHIO** STATE: **WV**

DATE: **08-12-2022**

API NO: **47-069-00328**

DRAWN BY: **R. GRIMES**

SCALE: **N/A**

DRAWING NO: **2018-0153**

WELL LOCATION PLAT