

LATITUDE: 40°07'30" SURFACE HOLE (2000' SCALE) 306'

LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE) 8181'

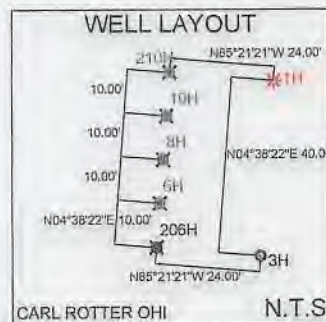


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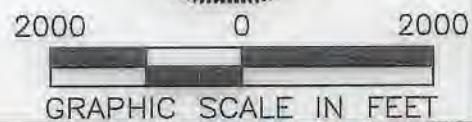
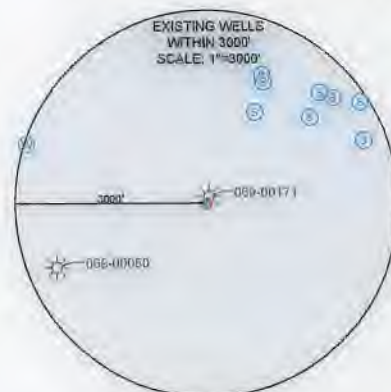
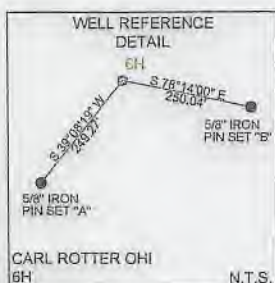
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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	S37°05'13"W	1444.53'
L2	S31°26'09"W	1620.13'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439122.92 EASTING: 538992.90
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4438916.60 EASTING: 538702.18
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4435396.01 EASTING: 540159.62

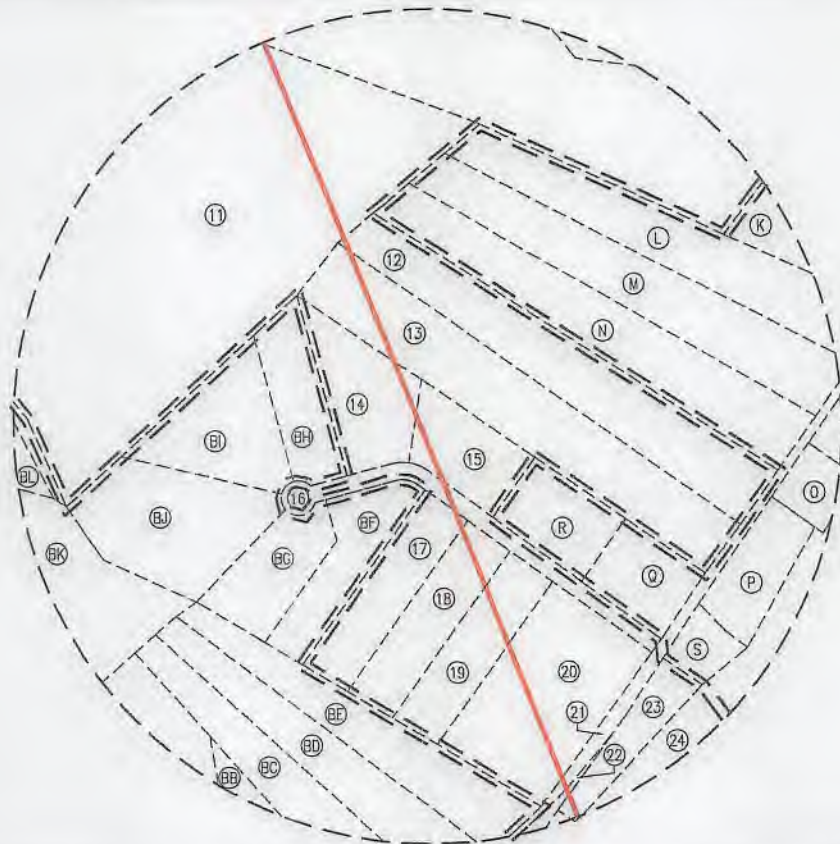
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
P.S. 2041

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS 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 #: 6H HGA API WELL #: 47 STATE 069 COUNTY 00327 PERMIT
	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"/>	WATERSHED: UPPER OHIO SOUTH DISTRICT: LIBERTY COUNTY: OHIO SURFACE OWNER: CARL J. & GRACE A. ROTTER OIL & GAS ROYALTY OWNER: CARL J. & GRACE A. ROTTER

DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY) TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 6,747' TVD 19,609' TMD
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WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
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LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL: LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING	NATURAL WATERWAY SURVEYED BOUNDARY LEASE BOUNDARY PROPOSED PATH PUBLIC ROAD	REVISIONS: DATE: 10-05-2020 API NO: 47-069-XXXXX DRAWN BY: R. GRIMES SCALE: 1" = 2000' DRAWING NO: 2018-0153 WELL LOCATION PLAT
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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	NOLAN JOHN A JR	3-111-61
3	ROTTER CARL J & GRACE A	3-111-64
4	DAVIS DONNA EVANS & WEASE RHONDA	3-111-49
5	DAVIS DONNA EVANS & DANIEL R	3-111-49.2
6	DAVIS DONNA EVANS & DANIEL R	3-111-50
7	STATE OF WEST VIRGINIA DEPARTMENT OF HIGHWAYS	TRESTLEWORK ROGERS RD
8	ROTTER CARL J & GRACE A	3-111-52
9	ROTTER CARL J & GRACE A	3-111-53
10	KLAGES LLOYD A JR	3-111-46.18
11	DEAN LAWRENCE J II & JANET S	3-114-49
12	TUNNEL RIDGE LLC	3-114-52.24
13	TUNNEL RIDGE LLC	3-114-52.26
14	TUNNEL RIDGE LLC	3-114-52.33
15	RINE JAROD D ESTATE; RINE LARRY G, ADMINISTRATOR	3-114-52.31
16	THISTLE ESTATES HOMEOWNERS' ASSOCIATION INC	3-114-52.37
17	SMITH WESLEY D & BETTY A	3-114-52.35
18	TUNNEL RIDGE LLC	3-114-52.41
19	TUNNEL RIDGE LLC	3-114-52.40
20	MEGALIE WILLIAM N & LINDA L	3-114-52
21	STATE OF WEST VIRGINIA DEPARTMENT OF HIGHWAYS	STOOLFIRE/WEST ALEXANDER ROAD
22	TUNNEL RIDGE LLC	3-114-33
23	TUNNEL RIDGE LLC	3-114-48
24	STATE OF WEST VIRGINIA DEPARTMENT OF HIGHWAYS	INTERSTATE 70
25	BLAZIER ROBERT BRENT	3-114-31
26	HOCKENBERRY JAMES MICHAEL	3-114-31.7
27	HOCKENBERRY JAMES MICHAEL	3-114-31.3
28	GARRETT JOHN W & CHRISTINA	3-114-37
29	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	3-114-29
30	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-15-1
31	WILD LIFE LEAGUE OF OHIO CO	6-110-2

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	GRIFFITH SHARON & WARREN	3-111-60.1
B	SCHMIDT TODD R	3-111-45.22
C	POWERS JEFFREY B	3-111-45.20
D	KLAGES PROPERTIES LLC	3-111-45.9
E	WOLEN JOHN J & MICHELLE L	3-111-45.11
F	HOMESTEAD FARMS LLC	3-111-46
G	MOORE SCOTT E & LEAH	3-111-45.10
H	OHIO RIVER COLLIERIES COMPANY	3-111-46.3
I	TUNNEL RIDGE LLC	3-111-46.7
J	HENDERSON DENNIS C & MURPHY PATRICIA A	3-114-53
K	TUNNEL RIDGE LLC	3-114-51
L	TUNNEL RIDGE LLC	3-114-52.1
M	CAROLIA FRANK A JR	3-114-52.2
N	TUNNEL RIDGE LLC	3-114-52.3
O	ACKLEY MARC & STACEY LYNN	3-114-45
P	YENSEN HAROLD A JR & G L	3-114-46
Q	TUNNEL RIDGE LLC	3-114-52.28
R	TUNNEL RIDGE LLC	3-114-52.29
S	SASEEN MARGARET LOUISE & SASEEN LOUIS CHRISTOPHER	3-114-47
T	TULLY JAMES M & VERONICA	3-114-31.2
U	TULLY JAMES M & VERONICA	3-114-31.1
V	GARRETT JOHN W & CHRISTINA M	3-114-31.6
W	ERNEST DEBORAH J	3-114-31.5

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
X	ERNEST KELLY MICHAEL	3-114-35
Y	GARRETT JOHN W & CHRISTINA	3-114-36
Z	NIETZELT EDWARD L	3-114-38
AA	PAGENDARM PATRICIA M	3-115-2.1
AB	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-15-2
AC	JONES DOROTHY S & GIVENS H L	6-15-2.2
AD	DAVIS JOHN R & ADA I	6-15-2.1
AE	DAVIS JOHN R & A I	6-15-2.3
AF	DAVIS JOHN R JR & ADA I	6-15-6
AG	DAVIS JOHN RICHARD ET AL	6-110-1
AH	WINESBURG MICHAEL J	6-110-5.4
AI	PHILLIPS VANCE A & BRIANNE L	6-110-5.5
AJ	NICK CLINTON W & JENNIFER M	6-110-5.2
AK	NICK GREGORY W & E I	6-110-5.1
AL	HAUGHT RANDY T & BRITTANY L	6-110-5.7
AM	KRUPINSKI MARK D & PATTISHALL JAN M.	6-110-5.6
AN	STRAWN REX M & BETH ANN	6-110-11.2
AO	SLUGAR DAVID B & EASTER A	6-110-7
AP	MCDONALD MICHAEL W & VALERIE R	6-119-51
AQ	MCDONALD ZACHARY MICHAEL	6-119-51.2
AR	KOZIK JOHN A & JAMES E	6-119-49
AS	KOZIK JOHN A & CHERYL A	6-110-12
AT	RIGGLE PAUL; RIGGLE KIMBERLY	6-119-40.5
AU	DAGUE FREDERICK W	6-119-48
AV	ADAMS CAROLE JOYCE	6-14-8
AW	ADAMS THOMAS E & AMANDA BAKER	6-14-8.1
AX	LEWTON TIMOTHY M ET AL LEWTON FREDERICK M - LE	6-14-10
AY	LEWTON SUE ANN	6-14-10.1
AZ	BLAZIER BETH ANN	3-114-27.31
BA	TUNNEL RIDGE LLC	3-114-32
BB	DALBO PATRICIA E	3-114-52.6
BC	KNICELY GERALD L & JO ANN; TR 2009 KNICELY FAMILY IRR TRUST	3-114-52.20
BD	WINTERS ROBERT E	3-114-52.19
BE	HUNTLEY CHAD D & SUSAN L	3-114-52.7
BF	SMITH WESLEY D & BETTY A	3-114-52.35
BG	SMITH WESLEY DALE & BETTY ANN	3-114-52.38
BH	TUNNEL RIDGE LLC	3-114-52.32
BI	TUNNEL RIDGE LLC	3-114-52.34
BJ	SMITH WESLEY DALE; BETTY ANN	3-114-52.39
BK	TUNNEL RIDGE LLC	3-114-24.1
BL	DEAN LAWRENCE J II & M R	3-114-24.4
BM	SPEAKER BERNARD P & AMY L	3-114-24.2
BN	KLEEH TAMI L	3-114-23
BO	KLEEH TAMI L, KLEEH CHAD D & WATSON GARY	3-114-23.1
BP	WATSON GARY L	3-114-21
BQ	HEINRICH EARNEST J & ANGELA R	3-114-22
BR	WATSON GARY L & ROSE	3-111-55.1
BS	WEASE DUANE L & RHONDA L	3-111-55.2
BT	WEASE DUANE L & RHONDA L	3-111-58
BU	TUNNEL RIDGE LLC	3-111-55
BV	DAVIS DANIEL R & DAVIS DONNA EVANS	3-111-49.3
BW	TUNNEL RIDGE LLC	3-111-49.1
BX	TUNNEL RIDGE LLC	3-111-34.2
BY	TUNNEL RIDGE LLC	3-111-55
BZ	TUNNEL RIDGE LLC	3-111-34.1
CA	TUNNEL RIDGE LLC	3-111-71
CB	ROTTER CARL J & GRACE A	3-111-65
CC	NOLAN JOHN A JR	3-111-65
CD	TUNNEL RIDGE LLC	3-111-65

10/21/2022

REVISIONS:	COMPANY: SWN Production Company, LLC		DATE: 10-05-2020	
	OPERATOR'S: CARL ROTTER OHI		API NO: 47-069-XXXX	
	WELL #: 47-069-00327 6H		DRAWN BY: R. GRIMES	
	DISTRICT: LIBERTY	COUNTY: OHIO	STATE: WV	SCALE: N/A
				DRAWING NO: 2018-0153
	WELL LOCATION PLAT			