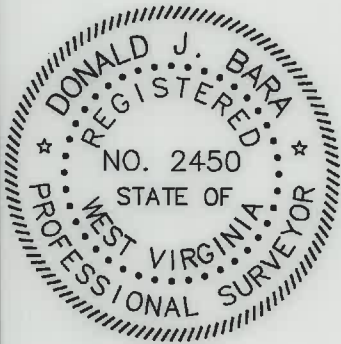


LATITUDE: 40°07'30" SURFACE HOLE (2000' SCALE) 306'

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



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



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4439122.93 EASTING: 538992.95
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4438924.38 EASTING: 538699.51
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4435396.15 EASTING: 540159.65
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. 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 SURVEY GRADE GPS SOURCE OF ELEVATION: (NAVD 88, US FT)

COMPANY: **swN** Production Company, LLC
CARL ROTTER OHI
OPERATOR'S WELL #: 6H
API WELL #: 47 069 00327
STATE COUNTY 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

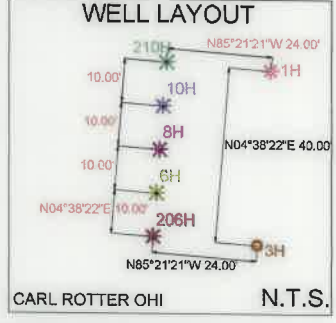
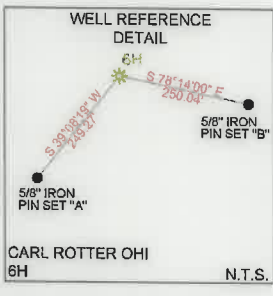
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED

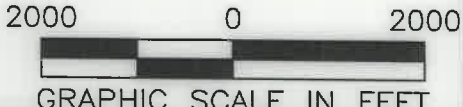
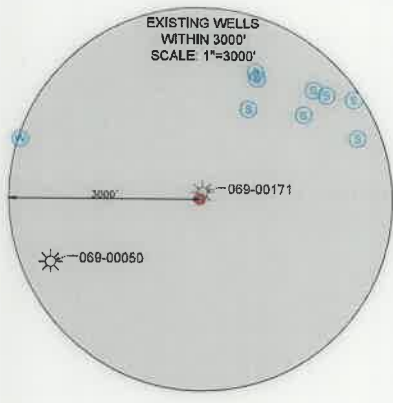
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,747' 10/21/2022

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

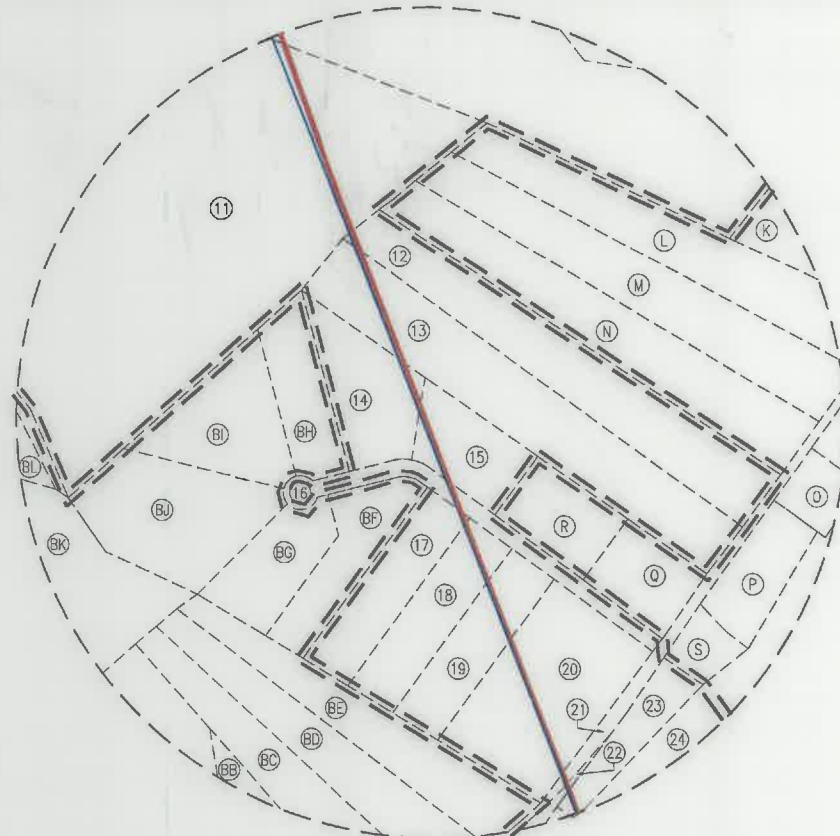
LEGEND:	EXISTING BOTTOM HOLE	ACCESS ROAD
EXISTING / PRODUCING WELL HEAD	PUBLIC ROAD	FLOOD PLAIN
LPL+ EXISTING LANDING POINT LOCATION	LEASE BOUNDARY	ASDRILLED PATH
PROPOSED SURFACE HOLE / BOTTOM HOLE	PROPOSED PATH	
LPL* PROPOSED LANDING POINT LOCATION		



LINE	BEARING	DISTANCE
L1	S37°05'13"W	1444.53'
L2	S31°26'09"W	1620.13'



5683'
8557'
LONGITUDE: 80°30'00" BOTTOM HOLE (2000' SCALE)
LONGITUDE: 80°32'30" SURFACE HOLE (2000' SCALE)



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-L11-54
2	NOLAN JOHN A JR	3-L11-61
3	ROTTER CARL J & GRACE A	3-L11-64
4	DAVIS DONNA EVANS & WEASE RHONDA	3-L11-49
5	DAVIS DONNA EVANS & DANIEL R	3-L11-49.2
6	DAVIS DONNA EVANS & DANIEL R	3-L11-50
7	STATE OF WEST VIRGINIA DEPARTMENT OF HIGHWAYS	TRESTLEWORK ROGERS RD
8	ROTTER CARL J & GRACE A	3-L11-52
9	ROTTER CARL J & GRACE A	3-L11-53
10	KLAGES LLOYD A JR	3-L11-46.18
11	DEAN LAWRENCE J II & JANET S	3-L14-49
12	TUNNEL RIDGE LLC	3-L14-52.24
13	TUNNEL RIDGE LLC	3-L14-52.26
14	TUNNEL RIDGE LLC	3-L14-52.33
15	RINE JAROD D ESTATE; RINE LARRY G, ADMINISTRATER	3-L14-52.31
16	THISTLE ESTATES HOMOWNERS' ASSOCIATION INC	3-L14-52.37
17	SMITH WESLEY D & BETTY A	3-L14-52.35
18	TUNNEL RIDGE LLC	3-L14-52.41
19	TUNNEL RIDGE LLC	3-L14-52.40
20	MEGALE WILLIAM N & LINDA L	3-L14-52
21	STATE OF WEST VIRGINIA DEPARTMENT OF HIGHWAYS	STOOLFIRE/WEST ALEXANDER ROAD
22	TUNNEL RIDGE LLC	3-L14-33
23	TUNNEL RIDGE LLC	3-L14-48
24	STATE OF WEST VIRGINIA DEPARTMENT OF HIGHWAYS	INTERSTATE 70
25	BLAZIER ROBERT BRENT	3-L14-31
26	HOCKENBERRY JAMES MICHAEL	3-L14-31.7
27	HOCKENBERRY JAMES MICHAEL	3-L14-31.3
28	GARRETT JOHN W & CHRISTINA	3-L14-37
29	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	3-L14-29
30	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-T5-1
31	WILD LIFE LEAGUE OF OHIO CO	6-T10-2

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	GRIFFITH SHARON & WARREN	3-L11-60.1
B	SCHMIDT TODDR	3-L11-46.22
C	POWERS JEFFREY B	3-L11-46.20
D	KLAGES PROPERTIES LLC	3-L11-46.9
E	WOLEN JOHN J & MICHELLE L	3-L11-46.11
F	HOMESTEAD FARMS LLC	3-L11-46
G	MOORE SCOTT E & LEAH	3-L11-46.10
H	OHIO RIVER COLLIERIES COMPANY	3-L11-46.3
I	TUNNEL RIDGE LLC	3-L11-46.7
J	HENDERSON DENNIS C & MURPHY PATRICIA A	3-L14-53
K	TUNNEL RIDGE LLC	3-L14-51
L	TUNNEL RIDGE LLC	3-L14-52.1
M	CAROLIA FRANK A JR	3-L14-52.2
N	TUNNEL RIDGE LLC	3-L14-52.3
O	ACKLEY MARC & STACEY LYNN	3-L14-45
P	YENSEN HAROLD A JR & G L	3-L14-46
Q	TUNNEL RIDGE LLC	3-L14-52.28
R	TUNNEL RIDGE LLC	3-L14-52.29
S	SASEEN MARGARET LOUISE & SASEEN LOUIS CHRISTOPHER	3-L14-47
T	TULLY JAMES M & VERONICA	3-L14-31.2
U	TULLY JAMES M & VERONICA	3-L14-31.1
V	GARRETT JOHN W & CHRISTINA M	3-L14-31.6
W	ERNEST DEBORAH J	3-L14-31.5

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
X	ERNEST KELLY MICHAEL	3-L14-35
Y	GARRETT JOHN W & CHRISTINA	3-L14-36
Z	NIETZEL EDWARD L	3-L14-38
AA	PAGENDARM PATRICIA M	3-L15-2.2
AB	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	6-T5-2
AC	JONES DOROTHY S & GIVENS H L	6-T5-2.2
AD	DAVIS JOHN R & ADA I	6-T5-2.1
AE	DAVIS JOHN R & A I	6-T5-2.3
AF	DAVIS JOHN R JR & ADA I	6-T5-6
AG	DAVIS JOHN RICHARD ET AL	6-T10-1
AH	WINESBURG MICHAEL J	6-T10-5.4
AI	PHILLIPS VANCE A & BRIANNE L	6-T10-5.5
AJ	NICK CLINTON W & JENNIFER M	6-T10-5.2
AK	NICK GREGORY W & E I	6-T10-5.1
AL	HAUGHT RANDY T & BRITTANY L	6-T10-5.7
AM	KRUPINSKI MARK D & PATTISHALL JAN M.	6-T10-5.6
AN	STRAWN REX M & BETH ANN	6-T10-11.2
AO	SLUGAR DAVID B & EASTER A	6-T10-7
AP	MCDONALD MICHAEL W & VALERIE R	6-T9-51
AQ	MCDONALD ZACHARY MICHAEL	6-T9-51.2
AR	KOZIK JOHN A & JAMES E	6-T9-49
AS	KOZIK JOHN A & CHERYL A	6-T10-12
AT	RIGGLE PAUL; RIGGLE KIMBERLY	6-T9-48.5
AU	DAGUE FREDERICK W	6-T9-48
AV	ADAMS CAROLE JOYCE	6-T4-8
AW	ADAMS THOMAS E & AMANDA BAKER	6-T4-8.1
AX	LEWTON TIMOTHY M ET AL LEWTON FREDERICK M - LE	6-T4-10
AY	LEWTON SUE ANN	6-T4-10.1
AZ	BLAZIER BETH ANN	3-L14-27.31
BA	TUNNEL RIDGE LLC	3-L14-32
BB	DALBO PATRICIA E	3-L14-52.6
BC	KNICELY GERALD L & JO ANN; TR 2009 KNICELY FAMILY IRR TRUST	3-L14-52.20
BD	WINTERS ROBERT E	3-L14-52.19
BE	HUNTLEY CHAD D & SUSAN L	3-L14-52.7
BF	SMITH WESLEY D & BETTY A	3-L14-52.36
BG	SMITH WESLEY DALE & BETTY ANN	3-L14-52.38
BH	TUNNEL RIDGE LLC	3-L14-52.32
BI	TUNNEL RIDGE LLC	3-L14-52.34
BJ	SMITH WESLEY DALE; BETTY ANN	3-L14-52.39
BK	TUNNEL RIDGE LLC	3-L14-24.1
BL	DEAN LAWRENCE J II & M R	3-L14-24.4
BM	SPEAKER BERNARD P & AMY L	3-L14-24.2
BN	KLEECH TAMI L	3-L14-23
BO	KLEECH TAMI L, KLEECH CHAD D & WATSON GARY	3-L14-23.1
BP	WATSON GARY L	3-L14-21
BQ	HEINRICH EARNEST J & ANGELA R	3-L14-22
BR	WATSON GARY L & ROSE	3-L11-55.1
BS	WEASE DUANE L & RHONDA L	3-L11-55.2
BT	WEASE DUANE L & RHONDA L	3-L11-58
BU	TUNNEL RIDGE LLC	3-L11-55
BV	DAVIS DANIEL R & DAVIS DONNA EVANS	3-L11-49.3
BW	TUNNEL RIDGE LLC	3-L11-49.1
BX	TUNNEL RIDGE LLC	3-L11-34.2
BY	TUNNEL RIDGE LLC	3-L11-56
BZ	TUNNEL RIDGE LLC	3-L11-34.1
CA	TUNNEL RIDGE LLC	3-L11-71
CB	ROTTER CARL J & GRACE A	3-L11-65
CC	NOLAN JOHN A JR	3-L11-66
CD	TUNNEL RIDGE LLC	3-L11-65

10/21/2022

REVISIONS:	

COMPANY:			
OPERATOR'S		CARL ROTTER OHI	
WELL #:		6H	
DISTRICT:	LIBERTY	COUNTY:	OHIO
		STATE:	WV
		DATE:	08-12-2022
		API NO:	47-069-00327
		DRAWN BY:	R. GRIMES
		SCALE:	N/A
		DRAWING NO:	2018-0153
		WELL LOCATION PLAT	