

LATITUDE: 40°15'00" SURFACE HOLE | 2095'

LATITUDE: 40°15'00" BOTTOM HOLE

11168'

LONGITUDE: 80°35'00" BOTTOM HOLE | 8802'
LONGITUDE: 80°37'30" SURFACE HOLE | 1328'



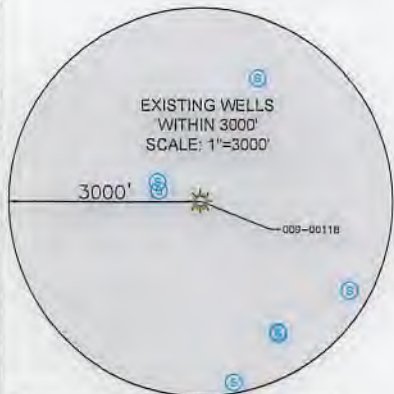
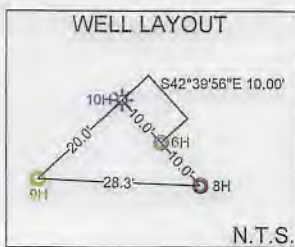
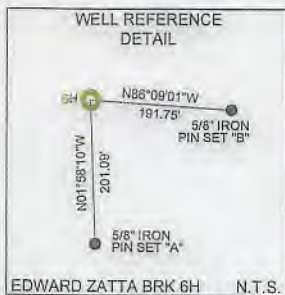
www.jhacompanies.com

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

PROPOSED SURFACE HOLE



LINE	BEARING	DISTANCE
L1	N66°04'10"E	1345.40'
L2	N13°48'56"E	841.64'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4455170.18 EASTING: 531254.40
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4455863.71 EASTING: 530710.54
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4452896.06 EASTING: 532063.24

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



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.

2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY: **SWN** Production Company, LLC

EDWARD ZATTA BRK

OPERATOR'S WELL #: 6H

API WELL #: 47 009 00303 H6A
STATE COUNTY PERMIT

(+) 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 SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1218.2'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: TILTONVILLE, OH/BETHANY, WV

SURFACE OWNER: COSS ROAD FARM, LLC ACREAGE: ±183.28

OIL & GAS ROYALTY OWNER: MY THREE SONS HOLDINGS, LP ACREAGE: ±183.28

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: 5,838' TVD 18,236' TMD

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: 08-22-2019
● PROPOSED SURFACE HOLE / BOTTOM HOLE		API NO: 47-009-XXXX
⊙ EXISTING / PRODUCING WELLHEAD	— NATURAL WATERWAY	DRAWN BY: D. REED
LPL * LANDING POINT LOCATION	— SURVEYED BOUNDARY	SCALE: 1" = 2000'
W EXISTING WATER WELL	— LEASE BOUNDARY	DRAWING NO: 2019-0789
S EXISTING SPRING	— PROPOSED PATH	WELL LOCATION - OTHER
	— PUBLIC ROAD	

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	COSS ROAD FARM, LLC (S) MY THREE SONS HOLDINGS, LP (R)	03-831-114.0
TRACT	SURFACE OWNER	TAX PARCEL
2	COSS ROAD FARM, LLC	03-831-119.0
3	HFS LIMITED LIABILITY COMPANY	03-831-01.0
4	STATE OF WEST VIRGINIA	STATE ROUTE 2
5	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	03-827-11.0
6	HFS LIMITED LIABILITY COMPANY	03-831-02.0
7	STATE OF WEST VIRGINIA	OHIO RIVER
8	HFS LIMITED LIABILITY COMPANY	03-831-04.0
9	COSS ROAD FARM, LLC	03-831-118.0
10	ROBERT J., SR. & MARGARET E. STEWART	03-831-132.0
11	ROBERT J., SR. & MARGARET E. STEWART	03-831-133.0
12	RONALD C. PARKS	03-831-134.0
13	CURTIS R. & DONNA J. BARGON	03-831-135.0
14	JERRY L. & ANGEL L. MCCLELLAND	03-831-136.0
15	RODGER & CONNIE SUMMERS	03-831-137.0
16	THOMAS & PAULINE SALEM	03-831-138.0
17	KEITH R. FRANCIS	03-831-139.0
18	RANDOLPH L. & TAMMY R. CLARK	03-831-140.0
19	RANDOLPH & TAMMY CLARK	03-831-141.0
20	HAROLD STARKEY	03-831-104.0
21	CHERYLL L. STEMPLE	03-831-103.0
22	STEVEN THOMAS	03-831-07.0
23	LONNIE & CARRIE R. BLAKE	03-831-92.0
24	LONNIE BLAKE	03-831-89.0
25	MARILYN LEE BROWN	03-832-152.0
26	MARILYN LEE BROWN	03-836-39.0
27	KEVIN S. WEEKLEY	03-832-151.0
28	JOHN M. & ROBIN L. SNYDER	03-837-08.0
28	CHRISTINE PHILLIPS	03-837-07.0
30	HARLEY J. LEMASTERS	03-837-06.0
31	HARLEY J. LEMASTERS	03-837-21.0

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MELINDA B. WOOLWINE	03-832-25.0
B	HFS LIMITED LIABILITY COMPANY	03-832-24.0
C	HFS LIMITED LIABILITY COMPANY	03-832-23.0
D	WILLIAM RUSSELL WALNOHA	03-832-22.2
E	GREGORY DEDTCH	03-832-01.0
F	MARY CATHERINE WALNOHA	03-832-18.0
G	ROBERT BLACKBURN & JAMES BLACKBURN	03-832-21.0
H	KEITH R. FRANCIS	03-831-113.0
I	JOSEPH C. & KRISTIE J. GASVOGA	03-831-112.0
J	JOSEPH C. & KRISTIE J. GASVOGA	03-831-111.0
K	MASLO FARMS, LLC (A PENNSYLVANIA LLC)	03-832-20.0
L	STEVEN S. IVERSON & DEBRA L. IVERSON	03-831-101.0
M	STEVEN S. IVERSON & DEBRA L. IVERSON	03-831-102.1
N	CHERYLL L. STEMPLE	03-831-102.0
O	STEVEN L. THOMAS	03-831-98.0
P	JOHN H. BROWN & KIMBERLY A. NEELEY	03-832-154.0
Q	KEVIN R. & SHIRLEY W. FIBER	03-831-93.0
R	KEVIN R. & SHIRLEY W. FIBER	03-832-153.0
S	NILA BOYD, CLINTON MCCORD, JOHN MCCORD, REBA MCCORD & CAROLYN JONES	03-832-146.0
T	HARLEY J. LEMASTERS	03-832-149.0
U	HARLEY J. LEMASTERS	03-832-150.0
V	MICHAELA TAYLOR	03-837-02.0
W	HARLEY J. LEMASTERS	03-837-01.0
X	LAWRENCE D., JR. & TAMMY LYNN CAMPBELL (L/E LAWRENCE & JUDY CAMPBELL)	03-837-03.0
Y	HARLEY J. & LARRY W. LEMASTERS	03-837-04.0
Z	EDWARD MICHAEL EVANKO, SR.	03-837-05.0
AA	HARLEY J. LEMASTERS	03-837-20.0
AB	MICHAEL MCCLOUD	03-837-18.0
AC	MICHAEL A. MCCLOUD	03-837-17.0
AD	THOMAS & CAROLYN CARBASHO	03-837-16.0
AE	SCHAPPA AND COMPANY, INC	03-837-22.0
AF	JAMES W. & LISA GIBSON	03-837-28.0
AG	AARON J. & KATIE M. GIBSON	03-837-28.1
AH	ROBERT W. & BRENDA L. FONNER	03-837-27.0
AI	ROBERT W. & BRENDA L. FONNER	03-837-26.0
AJ	DEAN S. & KELLI M. MILLER	03-837-25.0
AK	KEVIN N. HUFF (T.O.D.: JOHN W. & HELEN L. HUFF)	03-837-24.0
AL	KEVIN N. HUFF	03-836-28.0
AM	CARLOS J. & BILLIE D. O'BRIEN	03-836-28.0
AN	CARLOS J. & BILLIE D. O'BRIEN	03-836-25.0
AO	KENNETH C. LUCAS	03-836-24.0
AP	ROBERT D. & CAROLYN HILDEBRAND	03-831-86.0
AQ	JAMES J. & GERALDINE LONG	03-831-87.0
AR	PERCY E. & DOROTHY J. HUGGINS	03-831-88.0
AS	MICHAEL S. WALNOHA	03-831-78.0
AT	LONNIE V. BLAKE	03-831-90.0
AU	LONNIE BLAKE	03-831-91.0
AV	LONNIE V. BLAKE	03-831-94.0
AW	ARCHIE VERNON LUDWIG	03-831-95.0
AX	ARCHIE VERNON LUDWIG	03-831-95.0
AY	CORY LARKINS	03-831-105.0
AZ	PAULA FAYE HANCHER & TIMOTHY NALE	03-831-106.0
BA	TIMOTHY L., SR. & JANE L. NOEL	03-831-107.0
BB	ROGER W. & HEATHER N. DOYLE	03-831-108.0
BC	WILLIAM & BEVERLY LOUGH	03-831-110.0
BD	ANDREW ULLOM & JEFFREY H. LYNN	03-831-142.0
BE	DEBBIE STEWARD	03-831-125.0
BF	HARLEY J. LEMASTERS	03-831-126.0
BG	JAMES W. GRIMM	03-831-127.0
BH	JAMES W. & ROBIN LYNN GRIMM	03-831-128.0
BI	JAMES W. GRIMM	03-831-129.0
BJ	MARION WEEKLY & NANCY GROVES	03-831-130.0
BK	WILLIAM E. TORBETT	03-831-131.0
BL	RAY WALNOHA	03-831-06.0
BM	RAY WALNOHA	03-831-05.0
BN	RAY WALNOHA	03-831-115.0
BO	AUDREY L. HOLDEN	03-831-116.0
BP	BARBARA A. TAYLOR	03-831-117.0
BQ	MATTHEW J. & ELIZABETH PADDEN (MAY N. TOUPS TRUST OF 2013)	03-831-14.0
BR	HFS LIMITED LIABILITY COMPANY	03-831-03.0
BS	CAMPBELL TRANSPORTATION COMPANY, INC	03-827-10.0
BT	HFS LIMITED LIABILITY COMPANY	03-827-12.0
BU	JAMES L. & SONDRA K. ELLIOTT	03-831-121.0
BV	EDWARD MACAK	03-831-120.0

REVISIONS:

COMPANY:					
OPERATOR'S		EDWARD ZATTA BRK		DATE: 08-22-2019	
WELL #:		6H		API NO: 47-009-XXXXX	
DISTRICT:		COUNTY:		SCALE:	
BUFFALO		BROOKE		N/A	
STATE:		STATE:		DRAWING NO: 2019-0789	
WV		WV		WELL LOCATION PLAT	