

Latitude: 40°02'30" SURFACE HOLE

6933'

Latitude: 40°05'00" BOTTOM HOLE

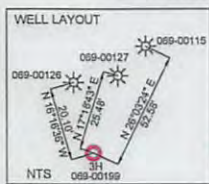
805'



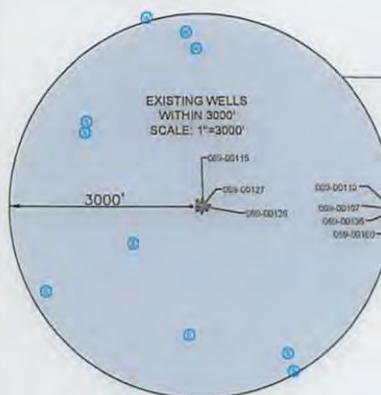
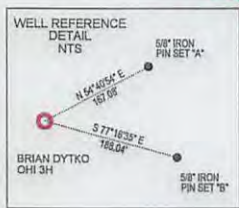
www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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.



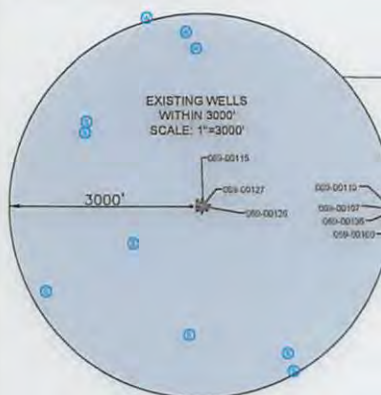
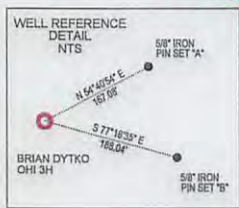
LINE	BEARING	DISTANCE
L1	N 50°10'38" E	2,190.58'
L2	N 59°23'25" E	1,853.59'



PROPOSED BOTTOM HOLE

WELL LAYOUT

LINE	BEARING	DISTANCE
L1	N 50°10'38" E	2,190.58'
L2	N 59°23'25" E	1,853.59'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4431157.23 EASTING: 533452.38
LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4431320.94 EASTING: 533339.49
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4433336.39 EASTING: 531748.51

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



COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #: BRIAN DYTKO OHI 3H

API WELL #: 47 STATE 069 COUNTY 00264 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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: BRIAN DYTKO OHI 3H

API WELL #: 47 STATE 069 COUNTY 00264 PERMIT

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

WATERSHED: OHIO UPPER SOUTH ELEVATION: 1222.4'

DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE & WHEELING

SURFACE OWNER: BRIAN J DYTKO ACREAGE: ±41.00

OIL & GAS ROYALTY OWNER: BRIAN J DYTKO ACREAGE: ±41.00

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: 6,350 TO 12,000'

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHWALL

ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300

CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:	REVISIONS:	DATE: 12-13-2017
● PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY	
⊙ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	
LPL LANDING POINT LOCATION	— LEASE BOUNDARY	DRAWN BY: CDW
⊙ EXISTING WATER WELL	— PROPOSED PATH	SCALE: 1" = 2000'
⊙ EXISTING SPRING		DRAWING NO: 2017-300
		WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	BRIAN J DYTKO (S)/(R)	06-T18-0004.0001	41.00
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	WILLIAM G. THOMS	06-T18-0003.0000	46.50
3	SETH McCORD AND HEATHER McCORD	06-T13-0002.0004	4.30
4	JOHN EDWARD McCORD	06-T13-0002.0003	12.10
5	EDWARD McCORD	06-T13-0002.0006	15.66
6	JOHN W. NOLAN JR. AND DARLENE G. NOLAN	06-T13-0002.0002	42.45
7	DEBORAH PAVLAK	06-T18-0001.0000	109.839
8	MIDDLE CREEK GARAGE, INC.	06-T13-0003.0000	80.14
9	OHIO VALLEY INDUSTRIAL & BUSINESS DEVELOPMENT CORPORATION	06-T13-0026.0000	130.69
10	OHIO VALLEY INDUSTRIAL & BUSINESS DEVELOPMENT CORPORATION	06-T13-0026.0001	3.00
11	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	N/A	N/A
12	OHIO COUNTY COMMISSION	07-TW10-0001.0000	106.51
13	MARK T. MORRIS & DAVID B. MORRIS, SUBJECT TO THE LIFE ESTATE OF JAMES L. MORRIS AND MARY A. MORRIS	07-TW5-0023.0000	29.00
14	OHIO COUNTY COMMISSION	06-T12-0053.0000	39.31
ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	THERESA L. BLATT	06-T18-0017.0000	37.80
B	GREGORY W. & JILLIAN F. GARDNER	06-T18-0025.0000	0.799
C	CHARLES D. FISCHER, JR.	06-T18-0004.0000	32.90
D	R.L. WHITE PROPERTIES	06-T18-0003.0002	16.266
E	RONALD J. & P.A. SHYDER	06-T18-0003.0004	2.1861
F	ROGER A. & MARY K. CLUTTER	06-T13-0002.0005	2.50
G	RL WHITE PROPERTIES, INC.	06-T18-0002.0000	87.8094
H	HAROLD R., III & CONNIE A. GARRETT	06-T18-0001.0001	35.30
I	MARK A. & MELINA D. SMITH	06-T12-0051.0000	23.646
J	HILLTOP COMMUNITY ASSOCIATION	06-T13-0004.0000	0.050
K	KENNETH C. HARTZELL	06-T12-0051.0002	0.75
L	KENNETH C. HARTZELL	06-T12-0051.0001	0.75
M	WESBANCO TRUST & INVESTMENT, A DIVISION OF WESBANCO BANK, INC., AS TRUSTEE OF THE JOSEPH PAUL FORSHEY TRUST AGREEMENT DATED APRIL 13, 1990	06-T12-0047.0000	12.21
N	CAROL L. CONNOR	06-T12-0052.0000	11.50
O	BRADLEY W. CLARK	06-T12-0044.0000	7.470
P	PAUL W. & VIRGINIA R. BLAKE (ACCORDING TO DB 918/346-BOTH DECEASED-SECURITY NATIONAL TRUST CO., IS EXECUTOR OF THE ESTATE OF PAUL W. BLAKE, DECEASED)	06-T12-0038.0001	4.00
Q	JERRY J. & J.L. MESTROVIC	06-T12-0041.0000	1.00
R	EDWARD H., II & M.M. STEIN	06-T12-0043.0000	0.551
S	VICKI SHEARER, PHILIP SHEARER, DAVID SHEARER & PAUL SHEARER	07-TW5-0021.0000	7.44
T	EFFIE WADDLE REVEN & PAULA JANE CROW	07-TW5-0020.0001	0.0924
U	TRAVIS M. KELLY	07-TW9-0020.0000	0.3443
V	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	07-TW2-0057.0001	11.123
W	JOSEPH L. VESPA	07-TW9-0019.0000	0.945
X	MOUNTAIN ESTATE REALTY, LLC	07-TW5-0014.0000	15.30
Y	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW5-0013.0000	3.87
Z	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW5-0012.0000	0.2172
AA	JAMES E. SHAW	07-TW5-0002.0000	0.1484
AB	JAMES E. SHAW	07-TW5-0001.0000	0.111
AC	ROBIN S. STARKEY	07-TW4-0124.0000	2.402
AD	H3, LLC	07-TW4-0117.0000	0.350
AE	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0118.0000	0.20
AF	CHAS L. & J.J. CRESAP	07-TW4-0119.0000	0.183
AG	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0120.0000	0.20
AH	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0121.0000	3.00
AI	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0126.0000	9.308
AJ	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-01220000	0.33
AK	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0128.0000	1.19
AL	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0129.0000	2.080
AM	KATHRYN M. KNOLLINGER	07-TW8-0075.0000	1.659
AN	EVELYN D.M. GROVER	06-T7-0182.0000	4.020
AO	AUGUST FRANKLIN ROBINSON	06-T8-0043.0000	4.65
AP	THE OHIO COUNTY DEVELOPMENT AUTHORITY	07-TW5-0024.0001	14.00
AQ	THE OHIO COUNTY DEVELOPMENT AUTHORITY	06-T08-0040.0005	117.806
AR	THE OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-0040.0011	237.405
AS	JEWISH MEMORIAL PARK ASSOCIATION	07-TW12-0013.0001	0.54
AT	CONGREGATION L'SHEM SHOMAYIM	07-TW12-0013.0000	13.19
AU	RONALD E. & K.D. CLARK	07-TW12-0001.0000	4.60
AV	BRADLEY A. RUSSELL	07-TW12-0002.0000	0.3466
AW	BRADLEY A. RUSSELL	07-TW12-0003.0000	0.3627
AX	DOUGLAS W. KNOLLINGER (HUSBAND OF RUTH A. KNOLLINGER)	07-TW12-0004.0000	0.1882
AY	ALFRED E. & D.M. MORRIS	07-TW12-0005.0000	0.39
AZ	BRADLEY R. & DONNA L. MILLER	07-TW13-0001.0000	0.1997
BA	BRADLEY R. & DONNA L. MILLER	07-TW13-0002.0000	0.202
BB	BRADLEY R. & DONNA L. MILLER	07-TW13-0003.0000	0.2055
BC	BERNARD E. JR. & MARGARET RUSSELL	07-TW13-0004.0000	0.4133
BD	DESSIE ANN EIMER	07-TW13-0005.0000	0.4132
BE	MARGARET L. MOORE	07-TW13-0006.0000	0.2066
BF	RANDY L. HINDMAN, LORI E. HINDMAN & JANICE L. HINDMAN	07-TW13-0007.0000	0.2055
BG	RANDY L. & LORI E. HINDMAN	07-TW13-0008.0000	0.4086
BH	SUSAN ELLEN YUHASE	07-TW13-0009.0000	0.2043
BI	JAMES B. JR. & J.D. WILLIAMS	07-TW13-0010.0000	0.5832
BJ	DEBORAH J. & R.L. PRAGER	07-TW13-0011.0001	0.1894
BK	ANNABELLE J. VOSCAVITCH	07-TW13-0011.0000	0.3571
BL	JOHN E. & DEBORAH A. VOSCAVITCH	07-TW13-0012.0000	0.4828
BM	VICKI LYNN & ROGER L. FROHNAPFEL	07-TW13-0013.0000	0.2932
BN	DENNIS L. COOK, SR. & BEVERLY S. COOK	07-TW13-0014.0000	0.1806
BO	DENNIS L. COOK, SR. & BEVERLY S. COOK	07-TW13-0015.0000	0.1881
BP	DENNIS L. COOK, SR. & BEVERLY S. COOK	07-TW13-0016.0000	0.294
BQ	DENNIS L. COOK, SR. & BEVERLY S. COOK	07-TW13-0016.0001	0.2760
BR	DOUGLAS W. & SUSAN E. NELSON	07-TW13-0017.0000	0.3421
BS	KATHRYN M. KNOLLINGER & WOODROW J. KNOLLINGER	07-TW13-0018.0000	0.3455
BT	J. GREGORY & STACEY ANN DECARLO	07-TW13-0019.0000	1.00
BU	OK TRAILER COURT, INC.	06-T13-0005.0002	16.86
BV	ROBERT LEE, JR. & KATHERINE STEPHENS BOGARD	06-T13-0005.0007	4.72
BW	ROBERT LEE, JR. & KATHERINE STEPHENS BOGARD	06-T13-0005.0005	4.72

03/23/2018

REVISIONS:	<p style="text-align: center;">SWN Production Company, LLC</p>			DATE: 12-13-2017
COMPANY:				OPERATOR'S WELL #:
	DISTRICT: TRIADELPHIA	COUNTY: OHIO	STATE: WV	SCALE: N/A DRAWING NO: 2017-300 WELL LOCATION PLAT