

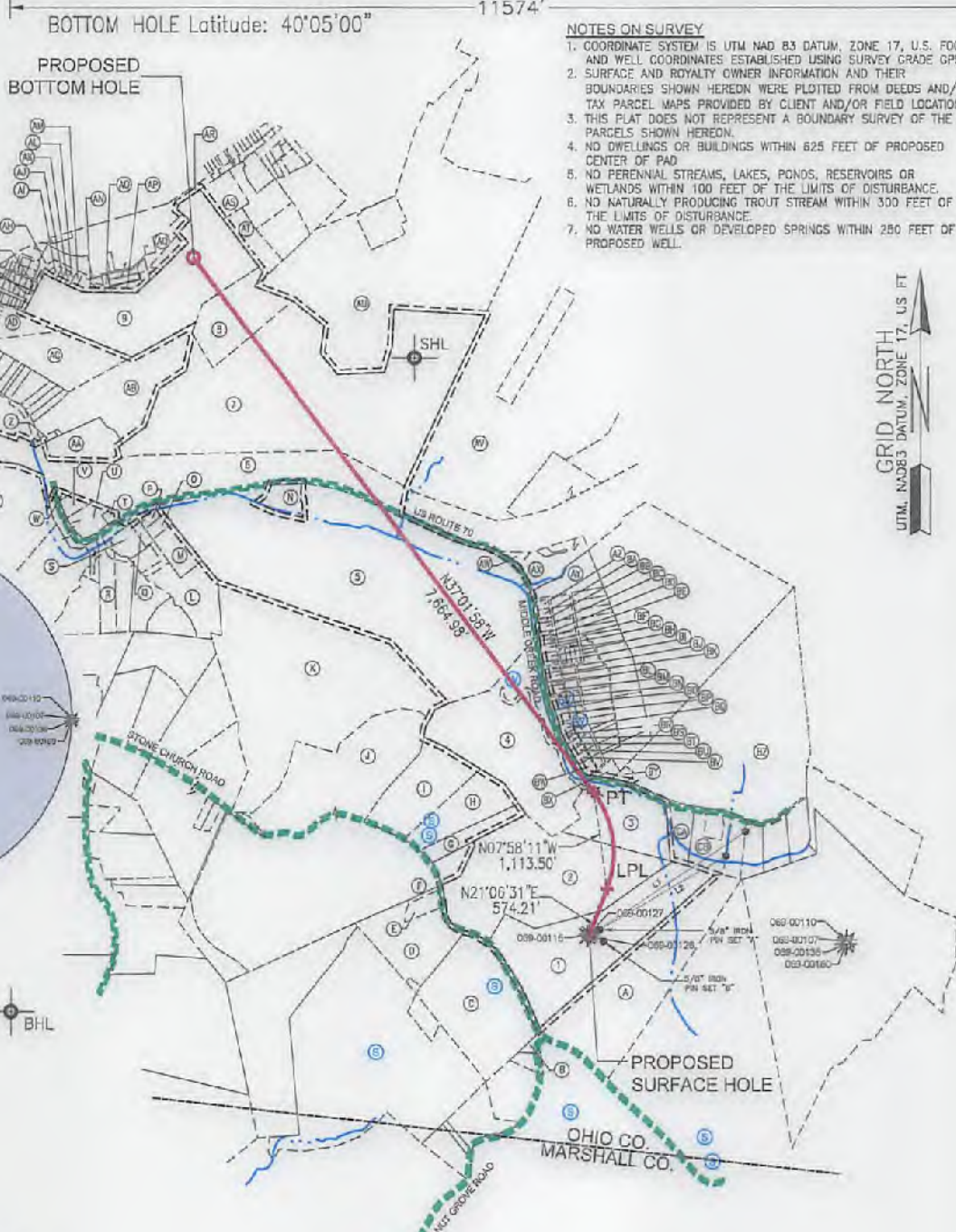
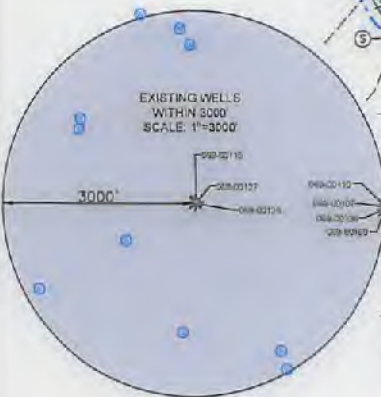
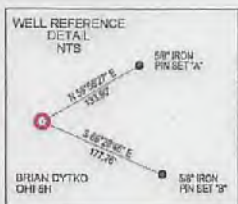
Latitude: 40°02'30"

SURFACE HOLE 6911'



SURVEYORS ENGINEERS ENVIRONMENTAL GIS MAPPING
www.jhacompanies.com
68011 Vinyard Road
St. Clairsville, Ohio 43850
740-695-6100

LINE	BEARING	DISTANCE
L1	N 39°21'33" E	2,187.19'
L2	N 59°21'44" E	1,821.12'

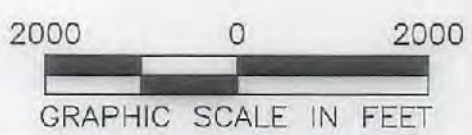


- NOTES ON SURVEY
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
 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.

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

4261'
SURFACE HOLE Longitude: -80°35'00"
11759'
Longitude: -80°35'00"

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4431166.35 EASTING: 533458.49
LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4431330.60 EASTING: 533518.76
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4433508.34 EASTING: 532028.52



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.

COMPANY: **SWN** Production Company, LLC

 (+) 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 5H API WELL #: 47 STATE 069 COUNTY 00265 PERMIT
---	--	---

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1222.4'

DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV

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: 6,371

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	DESIGNATED AGENT: DEE SOUTHALL
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: (+) PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL LANDING POINT LOCATION (W) EXISTING WATER WELL (S) EXISTING SPRING	SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY PROPOSED PATH	REVISIONS: DATE: 12-13-2017 DRAWN BY: CDW SCALE: 1" = 2000' 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	46.500
3	OK TRAILER COURT INC.	06-T13-0005.0002	15.860
4	JOHN W. NOLAN JR. AND DARLENE G. NOLAN	06-T13-0002.0002	42.45
5	OHIO VALLEY INDUSTRIAL & BUSINESS DEVELOPMENT CORPORATION	06-T13-0025.0000	130.69
6	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	N/A	N/A
7	OHIO COUNTY COMMISSIONERS	07-TW10-0001.0000	108.51
8	THE OHIO COUNTY DEVELOPMENT AUTHORITY	07-TW5-0024.0001	14.00
9	OHIO COUNTY COMMISSIONERS	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 & J F GARDNER	06-T18-0025.0000	0.799
C	CHARLES D. FISCHER, JR.	06-T18-0004.0000	32.90
D	RL WHITE PROPERTIES, LLC	06-T18-0003.0002	16.266
E	RONALD J. & P.A. SNYDER	06-T18-0003.0004	2.1881
F	ROGER A. & MARY K. CLUTTER	06-T13-0002.0005	2.50
G	SETH & HEATHER MCCORD	06-T13-0002.0004	4.30
H	JOHN EDWARD MCCORD	06-T13-0002.0003	12.10
I	EDWARD MCCORD	06-T13-0002.0006	15.66
J	PAUL PAVLACK	06-T18-0001.0000	109.839
K	MIDDLE CREEK GARAGE, INC.	06-T13-0003.0000	80.14
L	BRADLEY W. CLARK	06-T12-0044.0000	7.47
M	PAUL W. & VIRGINIA R. BLAKE	06-T12-0036.0001	4.00
N	OHIO VALLEY INDUSTRIAL DEVELOPMENT CORPORATION	06-T13-0026.0001	3.00
O	JERRY J. & J.L. MESTROVIC	06-T12-0041.0000	1.00
P	EDWARD H., II & M.M. STEIN	06-T12-0043.0000	0.851
Q	CARL E. CARPENTER	06-T12-0039.0001	0.736
R	E.F., JR. & D.R. KOEHL	06-T12-0034.0000	4.21
S	CARL E. CARPENTER	06-T12-0039.0000	2.277
T	FLOYD J. POGGI	07-TW5-0004.0000	0.92
U	BOARD OF EDUCATION	07-TW5-0003.0000	5.153
V	ROBERT A. CARR & JESSICA E. WILHELM-WARTH	07-TW5-0002.0000	1.394
W	PEGGY BEISER	07-TW5-0001.0000	0.248
X	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	07-T12-0031.0000	41.57
Y	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	07-TW2-0067.0001	11.123
Z	TRAVIS M. KELLY	07-TW5-0020.0000	0.3443
AA	VICKI SHEARER, PHILIP SHEARER, & PAUL SHEARER	07-TW5-0021.0000	7.44
AB	MARK T. MORRIS & DAVID B. MORRIS (SUBJECT TO THE LIFE ESTATE OF JAMES L. MORRIS & MARY A. MORRIS, HUSBAND AND WIFE)	07-TW5-0023.0000	29.00
AC	MOUNTAIN ESTATE REALTY, LLC	07-TW5-0014.0000	15.300
AD	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW5-0013.0000	3.87
AE	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW5-0012.0000	0.2172
AF	JAMES E. SHAW	07-TW5-0002.0000	0.1484
AG	JAMES E. SHAW	07-TW5-0001.0000	0.111
AH	ROBIN S. STARKEY	07-TW4-0124.0000	2.402
AI	HD, LLC	07-TW4-0117.0000	0.35
AJ	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0118.0000	0.20
AK	CHAS L. & J.J. CRESAP	07-TW4-0119.0000	0.183
AL	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0120.0000	0.20
AM	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0121.0000	3.00
AN	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0126.0000	9.308

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
AO	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0122.0000	0.33
AP	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0125.0000	1.19
AQ	MIDTOWN MOBILE HOMES, INC. & TIM T. & PATRICIA A. TEMPLIN	07-TW4-0128.0000	2.050
AR	KATHRYN M. KNOLLINGER	07-TW8-0075.0000	1.659
AS	EVELYN D.N. GROVER	06-T7-0182.0000	4.020
AT	AUGUST FRANKLIN ROBINSON	06-T8-0043.0000	4.650
AU	THE OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-0040.0005	117.806
AV	THE OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-0040.0011	237.405
AW	JEWISH MEMORIAL PARK	07-TW12-0013.0001	0.540
AX	CONGREGATION L'SHEM SHOMATIM	07-TW12-0013.0000	13.190
AY	RONALD E. & K.D. CLARK	07-TW12-0001.0000	4.60
AZ	HELEN J. RUSSELL	07-TW12-0002.0000	0.3466
BA	BERNARD E. SR. & HELEN J. RUSSELL	07-TW12-0003.0000	0.3627
BB	DOUGLAS W. KNOLLINGER	07-TW12-0004.0000	0.1882
BC	ALFRED E. & C.M. MORRIS	07-TW12-0005.0000	0.3880
BD	BRADLEY R. & DONNA L. MILLER	07-TW13-0001.0000	0.1997
BE	BRADLEY R. & DONNA L. MILLER	07-TW13-0002.0000	0.2020
BF	BRADLEY R. & DONNA L. MILLER	07-TW13-0003.0000	0.2055
BG	BERNARD E. JR. & M.I. RUSSELL	07-TW13-0004.0000	0.4155
BH	ALFRED F. & D.A. EIMER	07-TW13-0005.0000	0.4132
BI	E.H. & M.L. MOORE	07-TW13-0006.0000	0.2066
BJ	LOUISE K. BEHRENS, ETAL	07-TW13-0007.0000	0.2055
BK	RANDY L. & LORI E. HINDMAN	07-TW13-0008.0000	0.4086
BL	CHARLES D. & S.E. YUHASE	07-TW13-0009.0000	0.2043
BM	JAMES B. JR. & J.D. WILLIAMS	07-TW13-0010.0000	0.5832
BN	DEBORAH J. & R.L. PRAGER	07-TW13-0011.0001	0.1894
BO	JOHN E. & DEBORAH A. VOSCAVITCH	07-TW13-0011.0000	0.3571
BP	JOHN E. & DEBORAH A. VOSCAVITCH	07-TW13-0012.0000	0.4826
BQ	VICKI LYNN & ROGER L. FROHNAPFEL	07-TW13-0013.0000	0.2932
BR	BEVERLY S. COOK	07-TW13-0014.0000	0.1806
BS	BEVERLY S. COOK	07-TW13-0015.0000	0.1881
BT	DENNIS L. SR. & BEVERLY S. COOK	07-TW13-0016.0000	0.294
BU	DENNIS L. SR. & BEVERLY S. COOK	07-TW13-0016.0001	0.2760
BV	DOUGLAS W. & SUSAN E. NELSON	07-TW13-0017.0000	0.3421
BW	KATHRYN M. KNOLLINGER & WOODROW J. KNOLLINGER	07-TW13-0018.0000	0.3455
BX	J. GREGORY & STACEY ANN DECARLO	07-TW13-0019.0000	1.00
EY	COLUMBIA GAS TRANSMISSION CORPORATION	06-T13-0005.0001	6.377
BZ	DAVID H. FITZSIMMONS & RICH H. FITZSIMMONS	06-T13-0005.0003	73.350
CA	ROBERT L. JR. & K.S. BOGARD	07-TW13-0005.0007	4.072
CB	ROBERT L. JR. & K.S. BOGARD	07-TW13-0005.0005	4.720

03/23/2018

REVISIONS:	COMPANY:	SWN Production Company, LLC	
	OPERATOR'S	BRIAN DYTKO	
	WELL #:	OHI 5H	
	DISTRICT:	COUNTY:	STATE:
	TRIADELPHIA	OHIO	WV
			DATE: 12-13-2017
			DRAWN BY: CDW
			SCALE: N/A
			DRAWING NO: 2017-300
			WELL LOCATION PLAT