

JHA Companies
SURVEYORS ENGINEERS ENVIRONMENTAL GIS MAPPING
 www.jhacompanies.com
 68011 Vineyard Road
 St. Clairsville, Ohio 43950
 740-695-6100

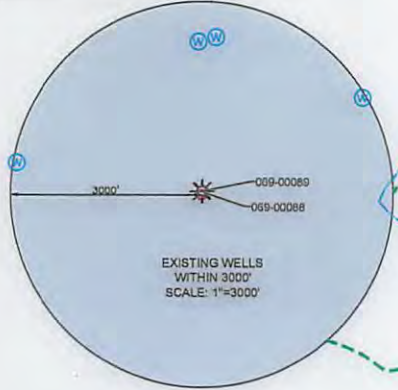
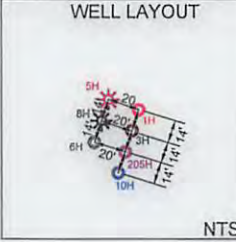
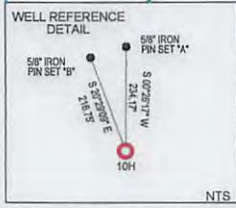
GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT

BHL 4376'

(2,000' SCALE) LONGITUDE: -80°35'00" SURFACE HOLE 1830'

(2,000' SCALE) LONGITUDE: -80°35'00" SURFACE HOLE

(2,000' SCALE) LONGITUDE: -80°35'00" SURFACE HOLE



LINE	BEARING	DISTANCE
L1	N 07°07'20" W	1016.28'
L2	S 27°59'32" E	987.29'

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.

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444994.63 EASTING: 533110.11
LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444932.43 EASTING: 533487.61
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4441147.56 EASTING: 535324.86



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
 (+) 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)

COMPANY: **SWN** Production Company, LLC
 BENJAMIN HONECKER
 OPERATOR'S WELL #: OHI 10H
 API WELL #: 47 STATE 069 COUNTY PERMIT 00244

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1103.6'-STAKED

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY & VALLEY GROVE, WV

SURFACE OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) ACREAGE: ±50.287

OIL & GAS ROYALTY OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) ACREAGE: ±50.287

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: 6,147' 06/29/2018

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	REVISIONS:	DATE: 04-19-2018
— SURVEYED BOUNDARY - - - - - DRILLING UNIT = = = = = LEASE BOUNDARY ——— PROPOSED PATH		DRAWN BY: D. REED SCALE: 1" = 3000' DRAWING NO: 2017-221 WELL LOCATION PLAT

47-069-00244

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) (S)/(R)	03-L4-124
TRACT	SURFACE OWNER	TAX PARCEL
2	JANET L. HONECKER & ELIZABETH H. HESTICK	03-L4-103
3	JANET L. HONECKER & ELIZABETH H. HESTICK	03-L4-104
4	HOLLAND PARK, LLC	03-L4-105
5	BELLE LANE, LLC	03-L4-109
6	WAYNE L. WILHELM & MARGUERITE B. WILHELM	03-L7-4
7	JAMES MARTIN PURPURA AND ROBERT E. MCADAMS, TRUSTEES OF THE JAMES MARTIN PURPURA LIVING TRUST DATED APRIL 4, 2012	03-L7-12
8	JAMES A. & CAROL L. PARSONS	03-L7-11
9	TUNNEL RIDGE, LLC	03-L7-45

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	03-L1-42
B	DEBRA & DAVID HAMSTEAD	03-L1-42.1
C	STEPHANIE A. ENNIS	09-WL10-8
D	WILLIAM R. & R.L. MYERS	09-WL10-9
E	CYNTHIA L. JOHNSON	09-WL10-11.1
F	THEODORE & SHIRLEY PAVLIC	09-WL10-11
G	JOHN C. & S.L. PERRY	09-WL10-14
H	WEST LIBERTY STATE COLLEGE	03-L1-35
I	KAREN S. & DONALD R. GRUBB	03-L4-104.1
J	CAROLYN & DENVER BARKER	03-L4-104.6
K	CAROLYN S. & DENVER BARKER	03-L4-104.3
L	CAROLYN S. & DENVER BARKER	03-L4-104.5
M	LORI JO MCGLUMPHY	03-L4-110
N	DIXIE M. & L. LAUDERMILT	03-L4-106.1
O	DIXIE M. LAUDERMILT	03-L4-105.8
P	WINDSOR POWER HOUSE COAL COMPANY	03-L4-105.7
Q	MICHAEL J. & P.T. MILLER	03-L4-117
R	DELBERT K., JR. & L.K. MYERS	03-L4-107
S	RUDY, JR. & J.A. FAZZINI	03-L4-105.3
T	RUDY, JR. & J.A. FAZZINI	03-L4-105.9
U	RICARDO & BUMBAUGH D.L. PACHECO	03-L4-105.1
V	EDWARD L. & B.W. STUPAK	03-L4-118.1
W	HERBERT P. & C.A. MINCH	03-L4-120
X	RICHARD J. SCHNELLE & CALVIN W. SCHNELLE	03-L7-8
Y	RENEE LYNN MOSA	03-L7-9
Z	JAMES M. PURPURA	03-L7-10
AA	JAMES P. & TRACY C. MILLER	03-L7-9.2
AB	JAMES P. & TRACY C. MILLER	03-L7-9.1
AC	MILO H. CRISWELL	03-L7-6.3
AD	JOHN L., II & J.M. SMITH	03-L7-48
AE	PAUL J. ROBRECHT	03-L7-47
AF	B. EILEEN GILMORE	03-L7-46
AG	ROBERT W. & DONNA LASCH	03-L10-40
AH	STEPHEN P. & D.K.S. SNYDER	03-L7-42.1
AI	TUNNEL RIDGE, LLC	03-L7-44
AJ	HELEN L. TOMINACK	03-L7-43
AK	MARY LOU HUDNALL	03-L7-40
AL	L.P. & M.L. HUDNALL	03-L7-41
AM	ROBERT W. & D. LASCH	03-L7-16
AN	ERNEST L. & H.D. HERRON	03-L7-14
AO	ELLSWORTH R. & L.K. RINE	03-L7-13
AP	BEVERLY J. HOFFER	03-L7-15
AQ	ROBERT J. GRIMES	03-L7-3
AR	HERMAN J. & MARY C. STORCH	03-L7-2
AS	CATHERINE & DAVID EVANS	03-L4-13.1
AT	DAVID R. & MARTIE A. KELLER	03-L4-13.2
AU	MARTIE A. MORSE	03-L4-100
AV	THOMAS N. & G.L. PENTINO	03-L4-99
AW	EDWARD & L.K. CHY	03-L4-97
AX	GARY V. HAND	03-L4-96
AY	JOHN C. & A.F. MYERS	03-L4-108
AZ	LEE J. & M.B. DUVALL	03-L4-105.11
BA	CHRISTOPHER G. WINIESDORFFER	03-L4-105.15
BB	JOHN E. & R.M. WINIESDORFFER	03-L4-105.2
BC	DAVID R. & CARRIE A. HANNA	03-L4-105.6
BD	MACK W. DUVALL	03-L4-105.5
BE	ARLIE R., JR AND BOND B. MCCARDLE	03-L4-105.17
BF	DORA M. MCCARDLE	03-L4-105.13
BG	PAUL F. ADAMS	03-L4-105.16
BH	ELIZABETH ANN BAKER	03-L4-105.14
BI	MICHAEL E. SAMPSON	03-L4-105.4
BJ	RACHEL ANN SINCAVICH	03-L4-2
BK	JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	03-L4-104.4
BL	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-123
BM	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-1

06/29/2018

REVISIONS:	COMPANY:	 	
	OPERATOR'S	BENJAMIN HONECKER	
	WELL #:	OHI 10H	
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	OHIO	WV
			DATE: 04-19-2018
			DRAWN BY: D. REED
			SCALE: N/A
			DRAWING NO: 2017-221
			WELL LOCATION PLAT