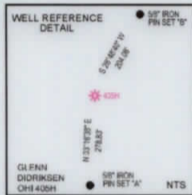
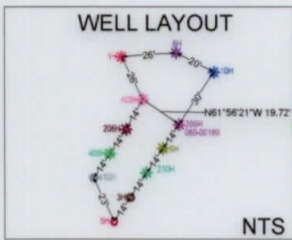
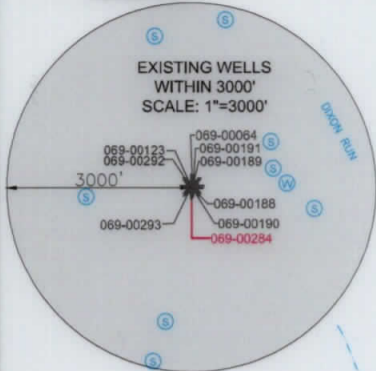




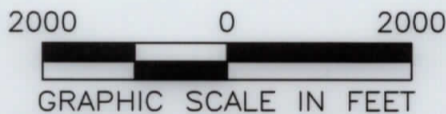
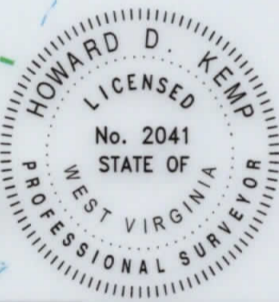
www.jhacompanies.com
 68011 Vineyard Road
 St. Clairsville, Ohio 43950
 740-695-6100



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4440488.89 EASTING: 534506.80
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4440866.39 EASTING: 535123.89
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4442604.08 EASTING: 534457.73
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4440488.89 EASTING: 534506.80
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4440821.60 EASTING: 535142.34
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4442604.22 EASTING: 534456.81

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



BOTTOM HOLE LATITUDE: 40°10'00" 3413'
 SURFACE HOLE LATITUDE: 40°07'30" 3284'

SURFACE HOLE LONGITUDE: -80°35'00" 4011'
 BOTTOM HOLE LONGITUDE: -80°35'00" 12247'

- 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.

LINE	BEARING	DISTANCE
L1	S09°49'13"W	1382.17'
L2	S52°51'56"W	1087.93'



(+) 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)

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

OPERATOR'S WELL #: OHI 405H
 API WELL #: **47** STATE **069** COUNTY **284** PERMIT

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,382.6'

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

SURFACE OWNER: GLENN DIDRIKSEN ACREAGE: ±47.93

OIL & GAS ROYALTY OWNER: D&D FAST FOODS, INC. ACREAGE: ±47.93

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: 6,427' TVD 13477' TMD

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:	REVISIONS:	DATE: 10-15-2019
● EXISTING BOTTOM HOLE		
⊙ EXISTING / PRODUCING WELLHEAD		
LPL* EXISTING LANDING POINT LOCATION		
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		
LPL* PROPOSED LANDING POINT LOCATION		
— ACCESS ROAD		
- - - PUBLIC ROAD		
— FLOOD PLAIN		
— LEASE BOUNDARY		
— ASDRILLED PATH		
— PROPOSED PATH		
		DRAWN BY: R. GRIMES
		SCALE: 1" = 2000'
		DRAWING NO: 2017-342
		WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	GLENN DIDRIKSEN (S) / D&D FAST FOODS, INC. (R)	03-L7-42
TRACT	SURFACE OWNER	TAX PARCEL
2	ROBERT W. LASCH & DONNA LASCH (LE) & BARBARA JO HINERMAN (REMAINDERMAN)	03-L10-40
3	EILEEN B. GILMORE	03-L7-46
4	TUNNEL RIDGE, LLC	03-L7-45
5	TUNNEL RIDGE, LLC	03-L7-44
6	MICHAEL A. & STEPHANIE L. HOCKENBERRY	03-L7-43
7	JAMES A., SR. & CAROL L. PARSONS	03-L7-41
8	JAMES A., SR. & CAROL L. PARSONS	03-L7-11
9	LINDA K. RINE	03-L7-13
10	WAYNE L. & M.B. WILHELM	03-L7-4

ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL
A	RONALD M. & MARGO L. SCOTT	03-L10-40.1
B	ROBERT W. & DONNA LASCH (LE) & LINDA STONE (REMAINDERMAN)	03-L10-39
C	MICHAEL R. & KATHERINE A. PARSONS	03-L10-35.3
D	GLENN DIDRIKSEN	03-L7-37
E	DENISE KNOUSE-SNYDER & STEPHEN P. SNYDER	03-L7-42.1
F	THOMAS SCOTT TOMINACK	03-L7-39.3
G	MARY LOU HUDNALL	03-L7-40
H	ROBERT W. & DONNA LASCH (LE) & LINDA STONE (REMAINDERMAN)	03-L7-16.1
I	ERNEST L. & H.D. HERRON	03-L7-14
J	BEVERLY J. HOFFER	03-L7-15
K	ROBERT W. & DONNA LASCH (LE) & LINDA STONE (REMAINDERMAN)	03-L7-16
L	ROBERT J. GRIMES	03-L7-3
M	BELLE LAND, LLC	03-L4-109
N	EDWARD L. & B.W. STUPAK	03-L4-118.1
O	HERBERT P. & C.A. MINCH	03-L4-120
P	RICHARD J. & CALVIN W. SCHNELLE	03-L7-8
Q	RENEE LYNN MOSA	03-L7-9
R	THE JAMES MARTIN PURPURA LIVING TRUST	03-L7-10
S	THE JAMES MARTIN PURPURA LIVING TRUST	03-L7-12
T	JAMES P. & TRACY C. MILLER	03-L7-9.2
U	JAMES P. & TRACY C. MILLER	03-L7-9.1
V	MILO H. CRISWELL	03-L7-6.3
W	CHRISTOPHER B. & ASHLEY A. DILLE	03-L8-24
X	JOHN L., II & J.M. SMITH	03-L7-48
Y	PAUL J. ROBRECHT	03-L7-47
Z	PAUL ROBRECHT	03-L10-41.2
AA	LINNVILLE R. TAGGART	03-L10-41
AB	WILLIAM H. TAGGART	03-L10-41.1
AC	RICHARD J. & KAREN SUE SCOTT	03-L10-42

REVISIONS:

COMPANY:



OPERATOR'S GLEN DIDRIKSON

DATE: 10-15-2019

WELL #: OHI 405H

DRAWN BY: R. GRIMES

DISTRICT: LIBERTY

COUNTY: OHIO

STATE: WV

SCALE: N/A

DRAWING NO: 2017-342

WELL LOCATION PLAT