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|---|
| SURFACE HOLE LOCATION (SHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.682639° LONGITUDE: -80.639593° |
| BOTTOM HOLE LOCATION (BHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 40.717870° LONGITUDE: -80.684637° |
| SURFACE HOLE LOCATION (SHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.682639° LONGITUDE: -80.639593° |
| BOTTOM HOLE LOCATION (BHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.717902° LONGITUDE: -80.684596° |

NOTES ON SURVEY

1. 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.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- 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
- AS DRILLED PATH
- PROPOSED PATH

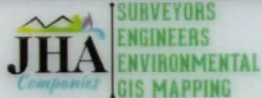
| | | | |
|--|---|--|-------------------------|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | WELL (FARM) NAME: SWN A WTZ | WELL # 205H | SERIAL # XXXX |
| ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN WV, 26508 | COUNTY - CODE WETZEL - 103 | DISTRICT; API # PROCTOR 47-103-03251 | |
| SURFACE OWNER: SWN PRODUCTION COMPANY, LLC | USGS 7 1/2 QUADRANGLE MAP NAME WILEYVILLE, WV | | |

(2,000' SCALE) LATITUDE: 39°45'00" BOTTOM HOLE

5060'

(2,000' SCALE) LATITUDE: 39°42'30" SURFACE HOLE

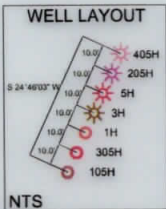
4097'



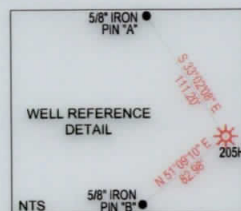
www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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 | N 71°27'23" E | 1343.86' |
| L2 | N 48°12'40" E | 672.31' |



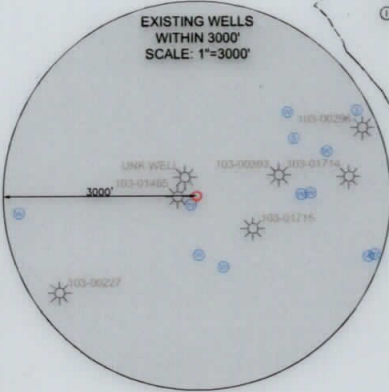
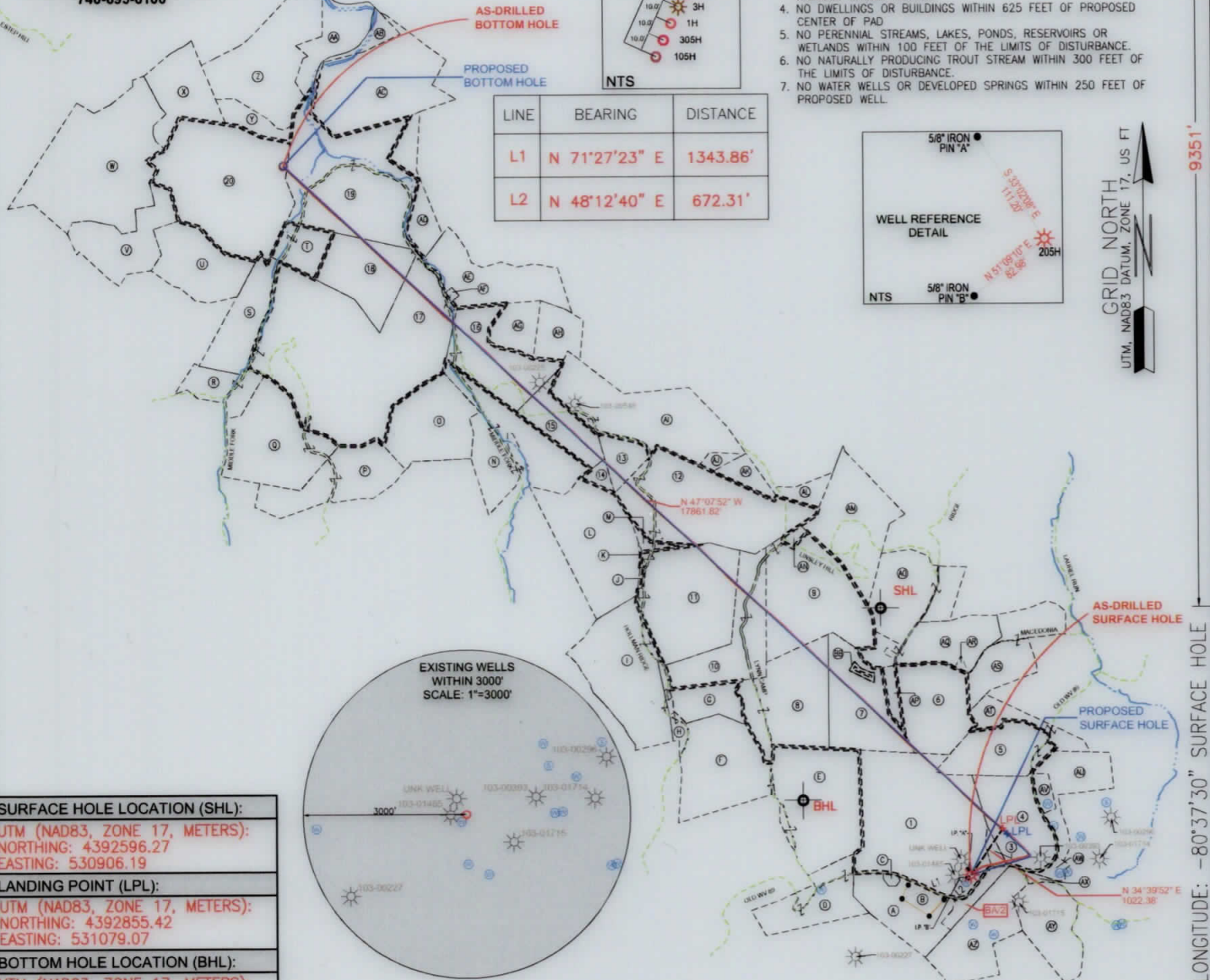
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

9351'

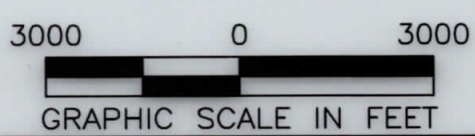
11686'

(2,000' SCALE) LONGITUDE: -80°37'30" SURFACE HOLE

(2,000' SCALE) LONGITUDE: -80°40'00" BOTTOM HOLE



| |
|--|
| SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392596.27 EASTING: 530906.19 |
| LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392855.42 EASTING: 531079.07 |
| BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4396491.89 EASTING: 527029.78 |
| SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392596.27 EASTING: 530906.19 |
| LANDING POINT (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4392826.91 EASTING: 531107.77 |
| BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4396495.47 EASTING: 527033.26 |



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 *[Signature]* 5/14/20



(+) 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 SWN ^{R₂-V₁} | | |
| OPERATOR'S WELL #: | SWN A WTZ 205H | | |
| API WELL #: | 47 | 103 | 03251 |
| | STATE | COUNTY | PERMIT |

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,344.0'

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: SWN PRODUCTION COMPANY, LLC ACREAGE: ±128.24

OIL & GAS ROYALTY OWNER: RODNEY CALVERT, ET AL ACREAGE: ±128.24

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: 7,370' TVD 25,772' 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: 05-04-2020 |
| <ul style="list-style-type: none"> EXISTING BOTTOM HOLE EXISTING / PRODUCING WELLHEAD EXISTING LANDING POINT LOCATION PROPOSED SURFACE HOLE / BOTTOM HOLE PROPOSED LANDING POINT LOCATION ACCESS ROAD PUBLIC ROAD FLOOD PLAIN LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH | | |
| | | DRAWN BY: R. GRIMES |
| | | SCALE: 1" = 3000' |
| | | DRAWING NO: 2016-519 |
| | | WELL LOCATION PLAT |

| WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS | | |
|--|--|------------|
| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL |
| 1 | SWN PRODUCTION COMPANY, LLC (S) RODNEY CALVERT, ET AL (R) | 12-10-29 |
| TRACT | SURFACE OWNER | TAX PARCEL |
| 2 | REMOVED | |
| 3 | JACOB BICKERSTAFF & ANNA BICKERSTAFF, HUSBAND AND WIFE | 12-10-29.2 |
| 4 | NORMA F. YOHO | 01-07-40 |
| 5 | CORY DURIG & DAVID DURIG | 01-07-2 |
| 6 | DARREN YOHO; KEVIN YOHO; BRADLEY YOHO; JEFFERY YOHO; DEBORAH YOHO | 12-10-18 |
| 7 | DARREN YOHO; KEVIN YOHO; BRADLEY YOHO; JEFFERY YOHO; DEBORAH YOHO | 12-10-16 |
| 8 | SWN PRODUCTION COMPANY, LLC | 12-10-15 |
| 9 | SWN PRODUCTION COMPANY, LLC | 12-10-11 |
| 10 | SWN PRODUCTION COMPANY, LLC | 12-10-10 |
| 11 | MILLTREE PROPERTIES, LLC | 12-10-9 |
| 12 | MILLTREE PROPERTIES, LLC | 12-10-3 |
| 13 | RICHARD W. MASTNEY & MARK MASSARI | 12-5-20 |
| 14 | RICHARD W. MASTNEY & MARK MASSARI | 12-5-29 |
| 15 | JAMES L. RITCHEA & HAZEL JORETTA RITCHEA | 12-4-39 |
| 16 | CLAUDIA MECKEL-JONAS ETAL | 12-4-27 |
| 17 | CHRISTOPHER P. BITHELL | 12-4-26 |
| 18 | CHRISTOPHER P. BITHELL | 12-4-17 |
| 19 | NANCY RABER, ETAL | 12-4-6 |
| 20 | TAMI M. BLATT; MICHAEL J. BLATT; KEVIN L. BLATT, TRUSTEE | 12-4-5 |

| ADJOINING OWNERS TABLE | | |
|------------------------|--|------------|
| TRACT | SURFACE OWNER | TAX PARCEL |
| A | RODNEY A. CALVERT | 12-10-29.3 |
| B | RODNEY A. CALVERT | 12-10-29.4 |
| C | RODNEY CALVERT ETAL | 12-10-29.1 |
| D | HAESSLY LAND & TIMBER, LLC, AN OHIO LIMITED LIABILITY COMPANY | 12-10-33 |
| E | SWN PRODUCTION COMPANY, LLC | 12-10-28 |
| F | ROBERT C. RITCHEA & JAMES L. RITCHEA | 12-10-22 |
| G | SWN PRODUCTION COMPANY, LLC | 12-10-14 |
| H | COURTNEY E. RICHMOND & RHEA K. RICHMOND, HIS WIFE | 12-10-21 |
| I | COURTNEY E. RICHMOND & RHEA K. RICHMOND, HIS WIFE | 12-10-13 |
| J | ANDREW D. & ANDREA M. SHULUGA, CO-TRUSTEES OF THE ANDREW D. SHULUGA AND ANDREA M. SHULUGA REVOCABLE TRUST UNDER DATE OF JANUARY 8/2103 | 12-10-9.1 |
| K | MILLTREE PROPERTIES, LLC | 12-10-1.1 |
| L | ANDREW D. & ANDREA M. SHULUGA, CO-TRUSTEES OF THE ANDREW D. SHULUGA AND ANDREA M. SHULUGA REVOCABLE TRUST UNDER DATE OF JANUARY 8/2103 | 12-10-1 |
| M | MILLTREE PROPERTIES, LLC | 12-10-2 |
| N | MARK MASSARI | 12-4-38 |
| O | CHRISTOPHER P. BITHELL | 12-4-37 |
| P | WILLIAM WAGNER AND BARBARA WAGNER, LIFE TENANTS AND TO THE SURVIVOR OF THEM, AND ROBERTA BROOKS AND HEATHER BRINK (REMAINDERMEN) | 12-4-36 |
| Q | CHRISTOPHER P. BITHELL | 12-4-35 |
| R | JOHN H. MORGAN & SUE M. MORGAN, TRUSTEES, U/T/A, DATED JUNE 10, 1992 F/B/O THE MORGAN FAMILY | 12-4-34 |
| S | SHIBEN ESTATES | 12-4-25 |
| T | NANCY RABER ETAL | 12-4-16 |
| U | ANTHONY C. BLATT & REBECCA F. BLATT | 12-4-15 |
| V | ANTHONY C. BLATT & REBECCA F. BLATT | 12-4-14 |
| W | TAMI M. BLATT; MICHAEL J. BLATT; KEVIN L. BLATT, TRUSTEE | 12-4-4 |
| X | KIMBERLY C. HOFFMAN | 12-4-40 |
| Y | ZACHARY M. BLAIR | 09-21-20 |
| Z | ZACHARY M. BLAIR | 09-21-19 |
| AA | XXXXX | 09-21-15 |
| AB | ZACHARY M. BLAIR | 09-21-13 |
| AC | MASON DIXON FARMS | 09-21-12 |
| AD | NANCY RABER ETAL | 12-4-7 |
| AE | JOHN STULGA | 12-4-19 |
| AF | SCHOOL | 12-4-18 |
| AG | CLAUDIA MECKEL-JONAS ETAL | 12-4-28 |
| AH | HENRY J. SUNDA; HERBERT SIVERT, ETAL | 12-4-29 |
| AI | MILLTREE PROPERTIES, LLC | 12-5-21 |
| AJ | MILLTREE PROPERTIES, LLC | 12-5-25 |
| AK | MILLTREE PROPERTIES, LLC | 12-5-26 |
| AL | SWN PRODUCTION COMPANY, LLC, ETAL | 12-10-5 |
| AM | SWN PRODUCTION COMPANY, LLC | 12-10-6 |
| AN | FREDA TAYLOR, CALVIN TAYLOR, CHARLOTTE MARS, NILA ISABELLA, OPHIA GUNTER, AND LEWIS SHERWOOD TAYLOR | 12-10-4 |
| AO | BRADLEY SCOTT YOHO | 12-10-12 |
| AP | DEBORAH D. SHOWALTER ETAL | 12-10-17 |
| AQ | BRADLEY SCOTT YOHO | 12-10-19 |
| AR | RYAN ALLEN YOHO | 12-10-19.2 |
| AS | LYLE YOHO ETAL | 01-4-37 |
| AT | CORY DURIG & DAVID DURIG | 01-7-1 |
| AU | SUSAN ANNETT SMITH | 01-7-3 |
| AV | SUSAN ANNETT SMITH | 01-7-3.1 |
| AW | JOHN J. YEAGER, ETAL | 01-7-9.2 |
| AX | ERIC L. YEATER & AMANDA J. YEATER, HUSBAND AND WIFE | 12-10-34 |
| AY | HAESSLY LAND AND TIMBER, LLC, AN OHIO LIMITED LIABILITY COMPANY | 12-15-11 |
| AZ | GARY G. YOCUME AND LAVERNE YOCUM (LIFE ESTATE), AND CHRIS B. YOCUM (REMAINDERMAN) | 12-15-9 |
| BA | RODNEY A. CALVERT | 12-10-29.5 |
| BB | JEFFREY J. YOHO | 12-10-16.1 |

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN ^{R+V+}_A
Production Company™

OPERATOR'S

SWN A

DATE: 05-04-2020

WELL #:

WTZ 205H

DRAWN BY: R. GRIMES

DISTRICT:
PROCTOR

COUNTY:
WETZEL

STATE:
WV

SCALE: N/A
DRAWING NO: 2016-519
WELL LOCATION PLAT