

SHL Latitude: 40°10'00"

7,402'

BHL Latitude: 40°12'30"

10,025'



RETTEW Associates, Inc.
27 Travato Street, Suite 101
Bridgeport, WV 26330
Phone (800) 738-8395
Email: rette@rette.com
Website: www.rette.com

SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,445,436.799
EASTING: 529,679.604

LANDING POINT LOCATION (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,445,625.266
EASTING: 529,646.798

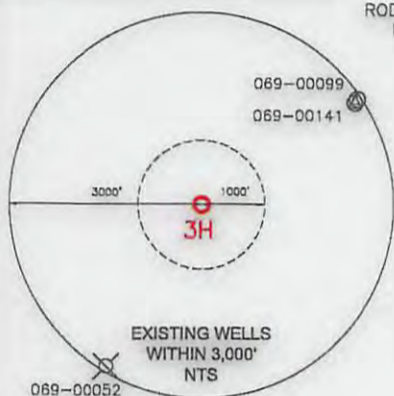
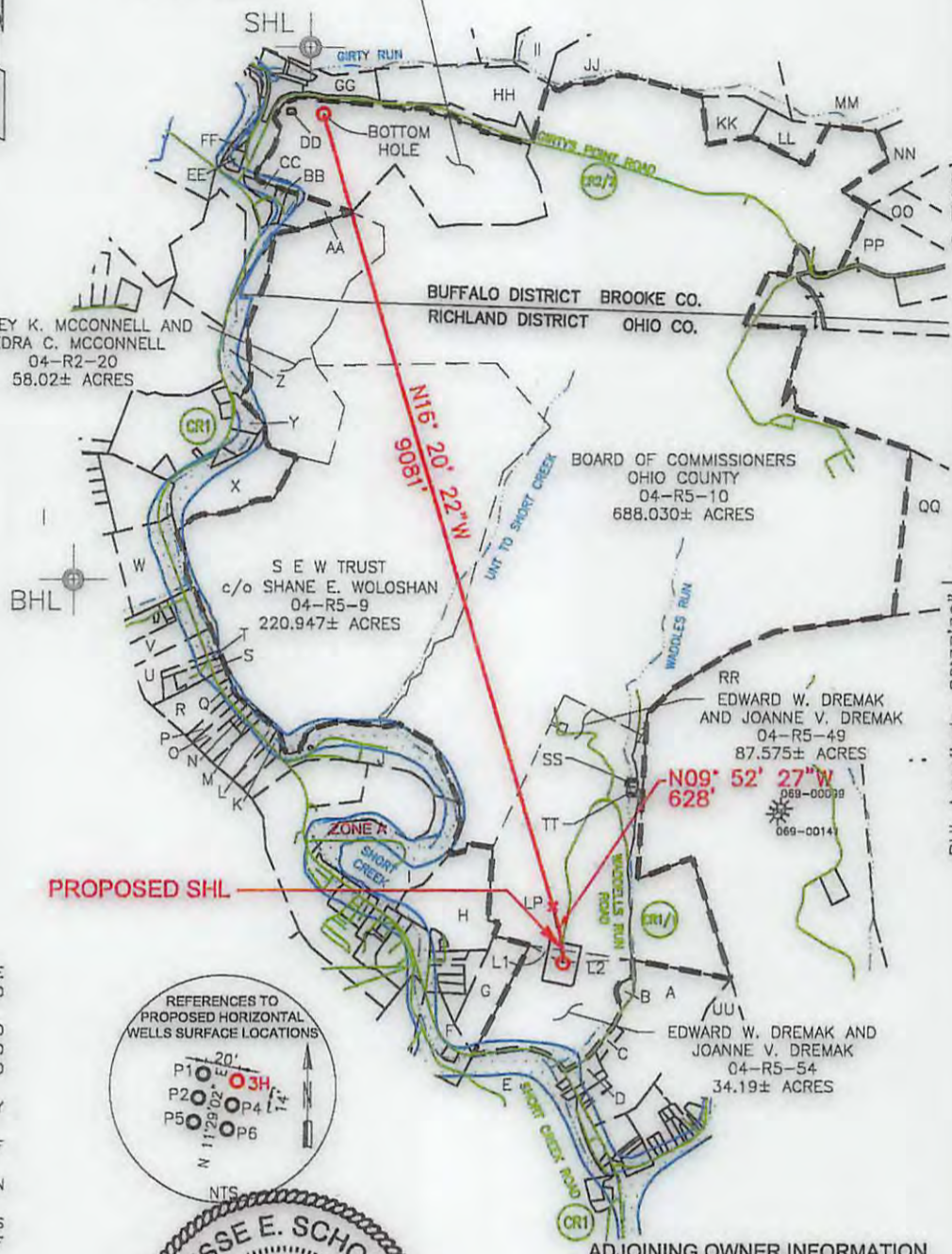
BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,448,281.423
EASTING: 528,868.097

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

Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains data for lines L1 and L2.

HENRY W. ZEIDLER AND JUDITH K. ZEIDLER
03-B46-15
66.01± ACRES

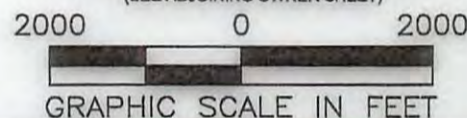
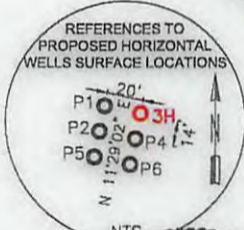


NOTES ON SURVEY

- 1. COORDINATES 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 FIELD LOCATIONS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

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. 2313



COMPANY: SWN SWN
Production Company, LLC Production Company™

Form containing well information: (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, WVDEP OFFICE OF OIL & GAS, MINIMUM DEGREE OF ACCURACY: 1/200, OPERATOR'S WELL #: 3H, API WELL #: 47, 69, 0313 HGA.

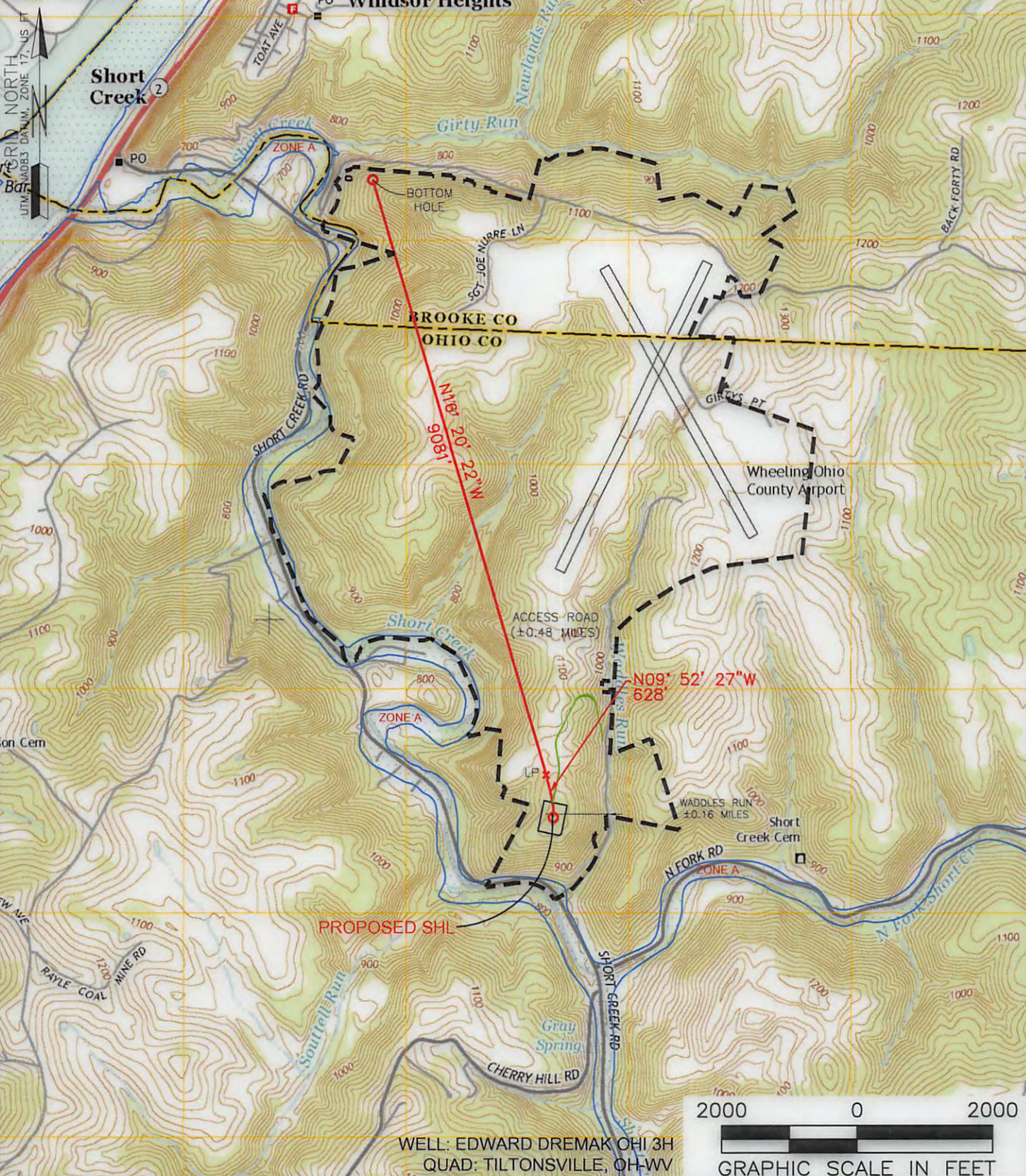
Form containing well type and target formation information: WELL TYPE: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW; WATERSHED: UPPER OHIO WHEELING; DISTRICT: RICHLAND COUNTY: OHIO; SURFACE OWNER: DREMAK, EDWARD W. & JOANNE V.; OIL & GAS ROYALTY OWNER: DREMAK, EDWARD W. & JOANNE V.; DRILL, DRILL DEEPER, REDRILL, FRACTURE OR STIMULATE, PLUG OFF OLD FORMATION, PERFORATE NEW FORMATION; CONVERT, PLUG & ABANDON, CLEAN OUT & REPLUG, OTHER CHANGE; TARGET FORMATION: MARCELLUS; ESTIMATED DEPTH: 5,809' TVD 15,230' TMD.

Form containing well operator and designated agent information: WELL OPERATOR: SWN PRODUCTION COMPANY, LLC; ADDRESS: P.O. BOX 1300; CITY: JANE LEW STATE: WV ZIP CODE: 26378; DESIGNATED AGENT: DEE SOUTHALL; ADDRESS: P.O. BOX 1300; CITY: JANE LEW STATE: WV ZIP CODE: 26378.

Form containing legend and revisions information: LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, ABANDONED WELL, PLUGGED & ABANDONED WELL, PERMITTED BUT NOT DRILLED, EXISTING SPRING, EXISTING WATER WELL, TIE LINE, LEASE BOUNDARY, MARCELLUS DHP, ABANDONED PATH; REVISIONS: DATE: 12-05-2016; DRAWN BY: W. McCLEAF; SCALE: 1" = 2000'; DRAWING NO: 087569045; WELL LOCATION PLAT.

RETTEW

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WELL: EDWARD DREMAK OHI 3H
QUAD: TILTONSVILLE, OH-WV

NAME AND DISTANCE TO THE NEAREST STREAM: WADDLES RUN IS LOCATED ±0.16 MILES EAST OF THE CENTER OF THE DRILL PAD.		STREAM CROSSING COORDINATES (NAD 83): NO STREAM CROSSINGS		COMPANY: 	
WELL RESTRICTIONS: WELL PAD, LOD, & E & S CONTROL FEATURES TO PERENNIAL STREAM, LAKE, POND, RESERVOIR OR WETLAND: >100 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO NATURALLY PRODUCING TROUT STREAM: >300 FEET WELL PAD, LOD, & E & S CONTROL FEATURES TO GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY: >1000 FEET WELL SHL TO EXISTING WATER WELL OR DEVELOPED SPRING: >250 FEET CENTER OF PAD TO OCCUPIED DWELLING STRUCTURE: >625 FEET CENTER OF PAD TO AGRICULTURAL BUILDINGS LARGER THAN 2500 SQ FT: >625 FEET		OPERATOR'S EDWARD DREMAK OHI		WELL #: 3H	
FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM INCORPORATED AREA OF OHIO/BROOKE COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0016D/54069C0020D; EFFECTIVE DATE: JULY 17, 2006		LOCATION: RICHLAND/BUFFALO DISTRICTS, OHIO/BROOKE COUNTIES, WEST VIRGINIA		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.158763° LONGITUDE: -80.651491°	
LEGEND: <ul style="list-style-type: none"> PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD ABANDONED WELL PLUGGED & ABANDONED WELL PERMITTED BUT NOT DRILLED ACCESS ROAD ACCESS ROAD TO PREV. SITE HIGHWAY/INTERSTATE COUNTY ROAD 		BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 40.184419° LONGITUDE: -80.660893°		DATE: 12-05-2016	
REVISIONS:		DATE: 12-05-2016		DRAWN BY: W. McCLEAF SCALE: 1" = 2000' DRAWING NO: 087569045 TOPOGRAPHIC MAP	