

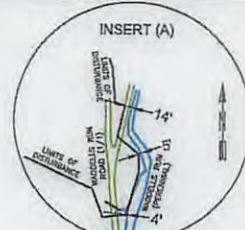
SHL Latitude: 40°10'00" 7,421'

BHL Latitude: 40°12'30" 10,421'

RETTEW

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

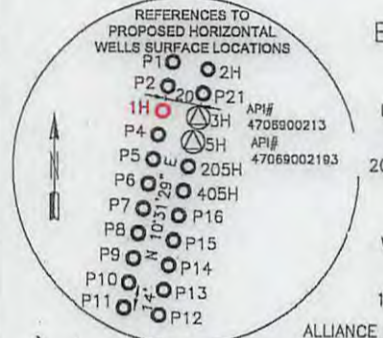
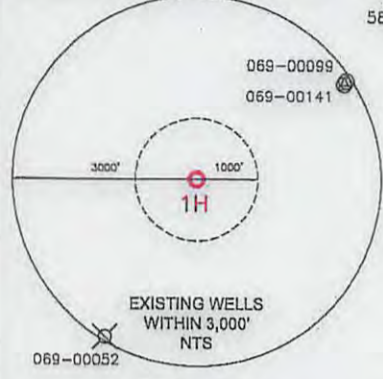
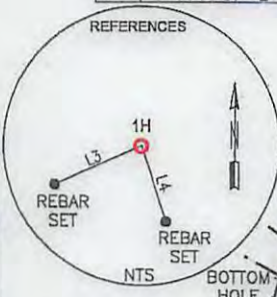
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 81°38'55" W	350.09'	SHL TO LANDMARK	
L2	N 88°24'44" E	767.47'	SHL TO LANDMARK	
L3	S 65°49'27" W	526.54'	SHL TO REF. PNT.	REBAR W/CAP
L4	S 18°06'57" E	358.52'	SHL TO REF. PNT.	REBAR W/CAP



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,445,437.911
EASTING: 529,673.611

LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,445,557.558
EASTING: 529,400.870

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,447,842.937
EASTING: 528,749.093



RODNEY K. MCCONNELL AND NEDRA C. MCCONNELL
04-R2-20
58.02± ACRES

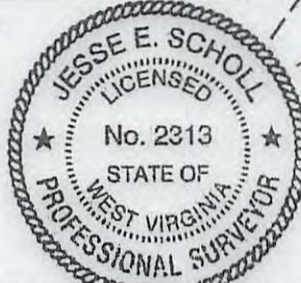
S E W TRUST
c/o SHANE E. WOLOSHAN
04-R5-9
220.947± ACRES

BURNT MILLS ACRES LLC
04-R5-13
20.332± ACRES

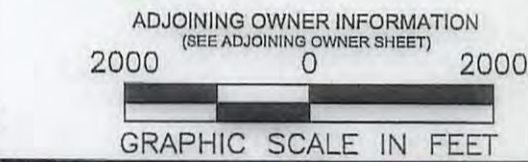
JOHN W. METZ
04-R5-46
22.63± ACRES

WINDSOR COAL COMPANY
04-R5-50
19.447± ACRES

ALLIANCE RESOURCE GP LLC
04-R5-53
13.12± ACRES



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** Production Company, LLC

EDWARD DREMAK OHI
OPERATOR'S WELL #: 1H
API WELL #: 47 69 00226
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

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 (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,800' TVD 14,008' TMD

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

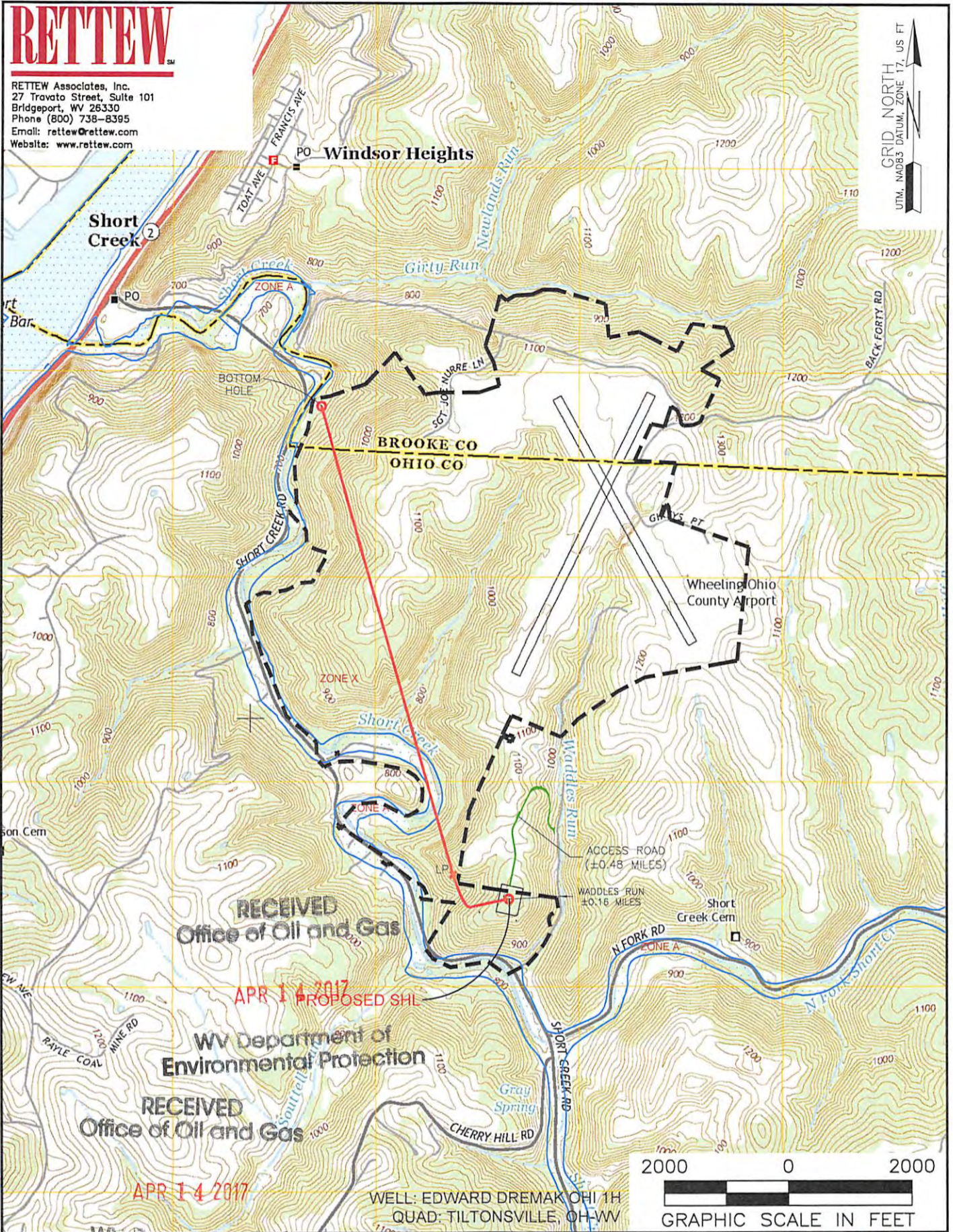
LEGEND:
PROPOSED SURFACE HOLE / BOTTOM HOLE
EXISTING / PRODUCING WELLHEAD
ABANDONED WELL
PLUGGED & ABANDONED WELL
PERMITTED BUT NOT DRILLED
EXISTING SPRING
EXISTING WATER WELL
TIE LINE
LEASE BOUNDARY
PROPOSED PATH
ABANDONED PATH

REVISIONS: DATE: 04-11-2017
DRAWN BY: W. McCLEAF
SCALE: 1" = 2000'
DRAWING NO: 087569045
WELL LOCATION PLAT



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

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



RECEIVED
 Office of Oil and Gas

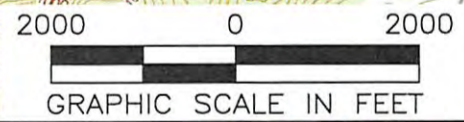
APR 14 2017
 PROPOSED SHL

WV Department of
 Environmental Protection

RECEIVED
 Office of Oil and Gas

APR 14 2017

WELL: EDWARD DREMAK OHI 1H
 QUAD: TILTONSVILLE, OH-WV



NAME AND DISTANCE TO THE NEAREST STREAM / STREAM CROSSING COORDINATES (NAD 83):
 WADDLES RUN ±0.16 MILES
 ACCESS ROAD ±0.48 MILES

COMPANY:
SWN
 Production Company, LLC

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 #: 1H
 LOCATION: RICHLAND/BUFFALO DISTRICTS,
 OHIO/BROOKE COUNTIES, WEST VIRGINIA

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

SURFACE HOLE LOCATION:
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.158773'
 LONGITUDE: -80.651562'

07/28/2017

LEGEND:
 ○ PROPOSED SURFACE HOLE / BOTTOM HOLE
 ✱ EXISTING / PRODUCING WELLHEAD
 ✱ ABANDONED WELL
 ✱ PLUGGED & ABANDONED WELL
 ⊙ PERMITTED BUT NOT DRILLED

BOTTOM HOLE LOCATION:
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.180473'
 LONGITUDE: -80.662310'

— LEASE BOUNDARY
 — ACCESS ROAD
 — ACCESS ROAD TO PREV. SITE
 — HIGHWAY/INTERSTATE
 — COUNTY ROAD

REVISIONS:
 DATE: 04-11-2017
 DRAWN BY: W. McCLEAF
 SCALE: 1" = 2000'
 DRAWING NO: 087569045
 TOPOGRAPHIC MAP