



RETTEW Associates, Inc.
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Bridgeport, WV 26330
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Email: rettew@rettew.com
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SURFACE HOLE LOCATION (SHL):

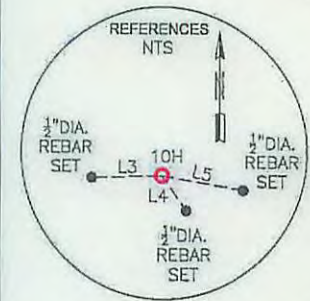
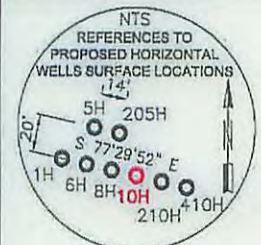
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,350.495
EASTING: 539,081.063

LANDING POINT LOCATION (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,227.969
EASTING: 539,235.283

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,441,682.804
EASTING: 540,368.461



NOTES ON SURVEY

- COORDINATES 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 FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- 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 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



(+) 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
SWN Production Company™

OPERATOR'S WELL #: GARY KESTNER OHI 10H
API WELL #: 47 STATE 069 COUNTY PERMIT 00209 H6A

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

WATERSHED: UPPER OHIO NORTH ELEVATION: ±1,292.0 (DESIGN)

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

SURFACE OWNER: GARY & TERRY KESTNER ACREAGE: ±95.98

OIL & GAS ROYALTY OWNER: GARY & TERRY KESTNER ACREAGE: ±95.98

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: 6,483' TVD 16,013' 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:	REVISIONS:	DATE: 02-23-2016
● PROPOSED SURFACE HOLE / BOTTOM HOLE		
⊙ EXISTING / PRODUCING WELLHEAD	— HARD LINE	
⊙ EXISTING SPRING	- - - TIE LINE	DRAWN BY: B. HERMAN
⊙ EXISTING WATER WELL	- - - LEASE BOUNDARY	SCALE: 1" = 2000'
	— MARCELLUS DHP	DRAWING NO: 087569022
		WELL LOCATION PLAT

PROPERTY NUMBER 2501163409
PAD ID 3001155487

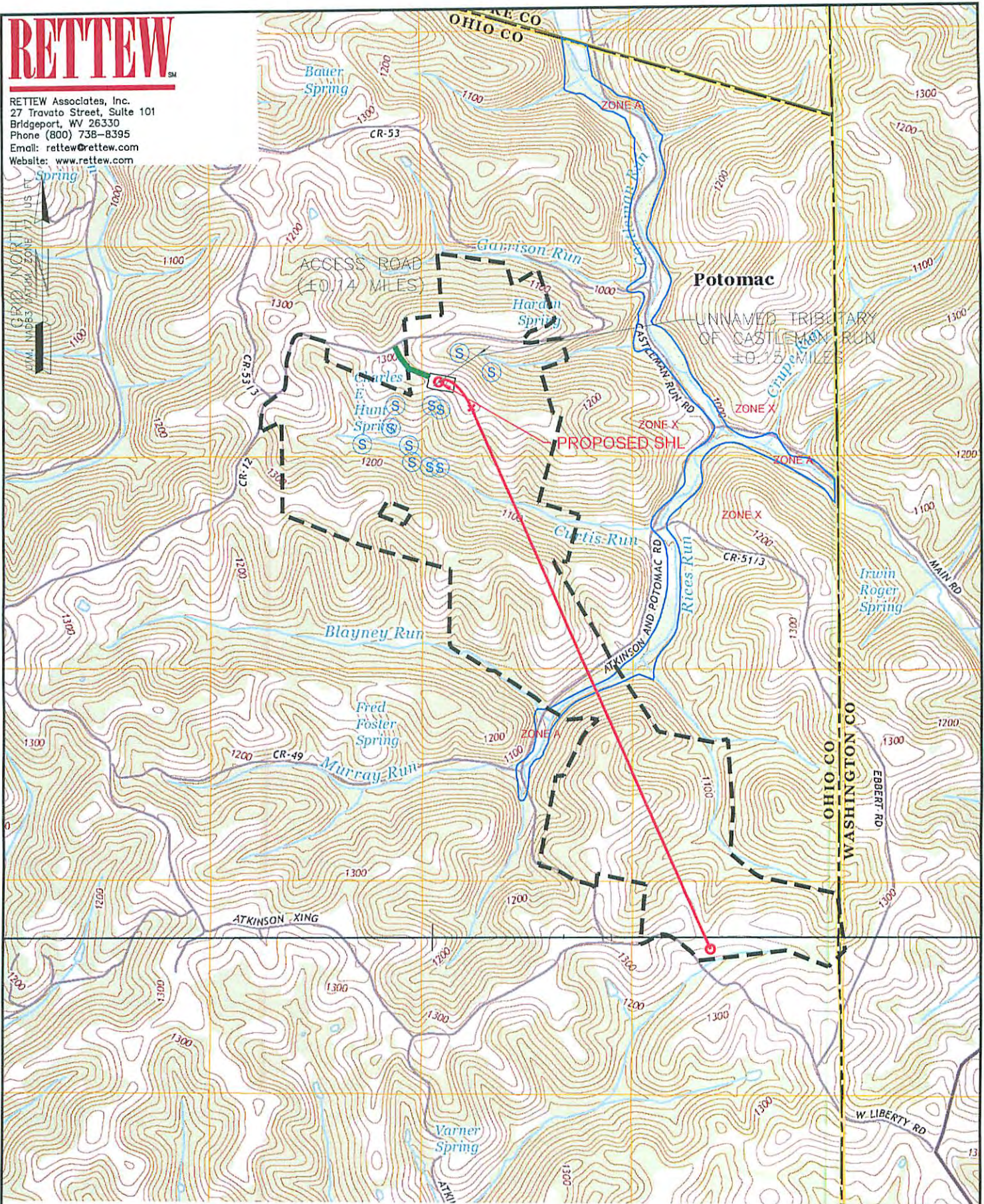


04/01/2016

RETTEWSM

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GRID NORTH
 17 US FT
 W.M. NAD83 (NAD 83)



WELL: GARY KESTNER OHI, 10H
 QUAD: BETHANY & WALLEY GROVE, WV



NAME AND DISTANCE TO THE NEAREST STREAM:
 UN-NAMED TRIBUTARY OF CASTLEMAN RUN IS LOCATED ±0.15 MILES NORTH EAST OF THE CENTER OF THE DRILL PAD.

STREAM CROSSING COORDINATES (NAD 83):
 NO NEW 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: GARY KESTNER OHI
 WELL #: 10H

LOCATION: LIBERTY DISTRICT,
 OHIO COUNTY, WEST VIRGINIA

FEMA FLOOD INFORMATION:
 BY GRAPHIC PLOTTING ONLY FEMA FIRM INCORPORATED AREA OF OHIO COUNTY, WEST VIRGINIA; MAP NUMBER 54069C0040D, 54069C0045D, & 54069C0050D; EFFECTIVE DATE: JULY 17, 2008.

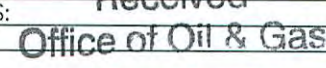
FLOOD ZONE A & X ARE SITUATED WITHIN THE UNIT.

SURFACE HOLE LOCATION:
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.148591°
 LONGITUDE: -80.541165°

04/01/2016

BOTTOM HOLE LOCATION:
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.124496°
 LONGITUDE: -80.525218°

LEGEND:
 PROPOSED SURFACE HOLE / BOTTOM HOLE
 EXISTING / PRODUCING WELLHEAD
 EXISTING SPRING
 EXISTING WATER WELL
 LEASE BOUNDARY
 ACCESS ROAD
 MARCELLUS DHP
 HIGHWAY/INTERSTATE
 COUNTY ROAD

REVISIONS:

 DATE: 02-23-2016
 DRAWN BY: B. HERMAN
 SCALE: 1" = 2000'
 DRAWING NO: 087569022
 TOPOGRAPHIC MAP

PROPERTY NUMBER 2501163409
 PAD ID 3001155487