

# RETTEW

RETTEW Associates, Inc.  
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**SURFACE HOLE LOCATION (SHL):**

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,389,480.585  
EASTING: 527,513.657

**LANDING POINT LOCATION (LPL):**

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,389,632.998  
EASTING: 527,201.014

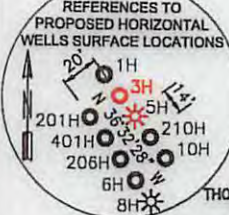
**BOTTOM HOLE LOCATION (BHL):**

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,392,008.620  
EASTING: 524,708.269

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

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 33°49'52" E	934.75'	SHL TO LANDMARK	1/2"Ø REBAR/CAP
L2	S 34°53'39" E	495.49'	SHL TO LANDMARK	
L3	S 71°29'31" W	212.92'	SHL TO REF. PNT.	1/2"Ø REBAR/CAP
L4	S 15°20'28" E	322.41'	SHL TO REF. PNT.	1/2"Ø REBAR/CAP

**NTS REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS**



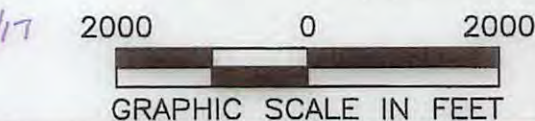
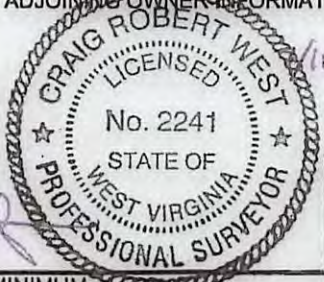
**EXISTING WELLS 1"=3000'**

**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 OF 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.

SEE NEXT SHEET FOR ADJOINING OWNER INFORMATION



P.S. 2241

(+) 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

OPERATOR'S WELL #: 3H

API WELL #: 47 103 03204

STATE COUNTY PERMIT

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

WATERSHED: LITTLE FISHING CREEK ELEVATION: ±1,430.20 (AS-BUILT)

DISTRICT: PROCTOR DISTRICT COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: CONSTANCE A. TAYLOR ACREAGE: ±43.50

OIL & GAS ROYALTY OWNER: CONSTANCE A. TAYLOR ACREAGE: ±43.50

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: 7.423 TVD 19.098 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: P.O. BOX 1300 CITY: JANE LEW STATE: WV ZIP CODE: 26378

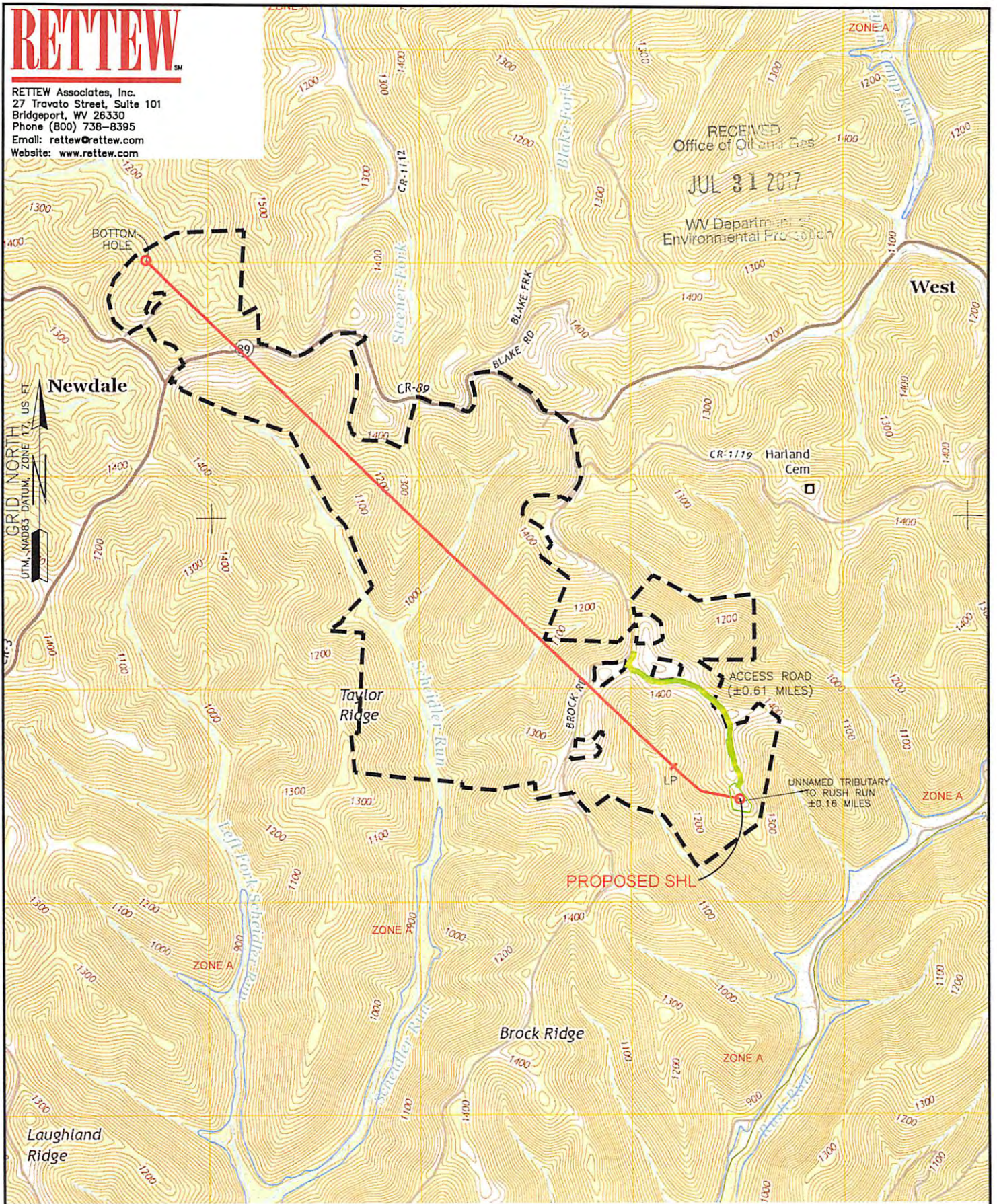
DESIGNATED AGENT: DEE SOUTHALL ADDRESS: P.O. BOX 1300 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ABANDONED WELL
- PLUGGED & ABANDONED WELL
- PERMITTED NOT DRILLED
- EXISTING SPRING
- EXISTING WATER WELL
- TIE LINE
- LEASE BOUNDARY
- MARCELLUS DHP
- ABANDONED PATH

REVISIONS: \_\_\_\_\_ DATE: 07-17-2017

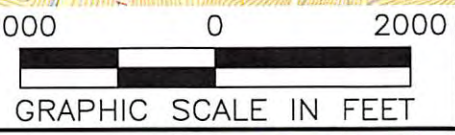
DRAWN BY: B. HERMAN  
SCALE: 1" = 2000'  
DRAWING NO: 087569006  
WELL LOCATION PLAT



RECEIVED  
 Office of Oil and Gas  
 JUL 31 2017  
 WV Department of  
 Environmental Protection

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

WELL: CONSTANCE TAYLOR WTZ, 3H  
 QUAD: WILEYVILLE, WV



NAME AND DISTANCE TO THE NEAREST STREAM: UN-NAMED TRIBUTARY TO RUSH RUN IS LOCATED ±0.16 MILES 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 CONSTANCE TAYLOR WTZ		WELL #: 3H	
FEMA FLOOD INFORMATION: BY GRAPHIC PLOTTING ONLY FEMA FIRM INCORPORATED AREA OF WETZEL COUNTY, WEST VIRGINIA; MAP NUMBER 54103C0075C; EFFECTIVE DATE: SEPTEMBER 25, 2009. FLOOD ZONE A IS SITUATED WITHIN THE UNIT.		LOCATION: PROCTOR DISTRICT, WETZEL COUNTY, WEST VIRGINIA		SURFACE HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 39.654682' LONGITUDE: -80.679284' <b>10/13/2017</b>	
LEGEND: <ul style="list-style-type: none"> <li> PROPOSED SURFACE HOLE / BOTTOM HOLE</li> <li> EXISTING / PRODUCING WELLHEAD</li> <li> ABANDONED WELL</li> <li> PLUGGED &amp; ABANDONED WELL</li> <li> PERMITTED NOT DRILLED</li> <li> LEASE BOUNDARY</li> <li> ACCESS ROAD</li> <li> MARCELLUS DHP</li> <li> HIGHWAY/INTERSTATE</li> <li> COUNTY ROAD</li> </ul>		BOTTOM HOLE LOCATION: GEOGRAPHIC (NAD83): LATITUDE: 39.677546' LONGITUDE: -80.711890'		REVISIONS: DATE: 07-17-2017	
				DRAWN BY: B. HERMAN SCALE: 1" = 2000' DRAWING NO: 087569006 TOPOGRAPHIC MAP	