

Latitude: 39°40'00" 3,559' 9,564'



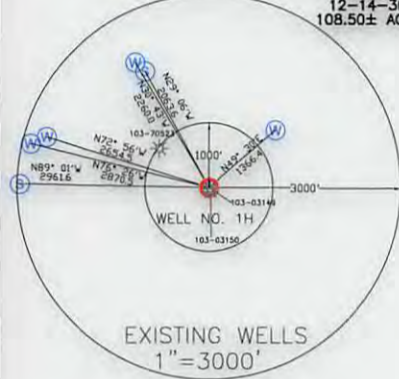
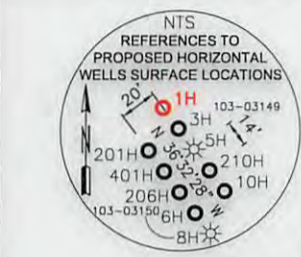
RETTEW Associates, Inc.
 27 Travato Street, Suite 101
 Bridgeport, WV 26330
 Phone (800) 738-8395
 Email: rettetw@rettetw.com
 Website: www.rettetw.com

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,389,484.017 EASTING: 527,511.158
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,389,407.848 EASTING: 527,160.475
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,390,761.754 EASTING: 525,676.240

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 34°38'09" E	930.04'	SHL TO LANDMARK	1/2"Ø REBAR/CAP
L2	S 34°55'27" E	509.41'	SHL TO LANDMARK	
L3	S 67°51'12" W	209.16'	SHL TO REF. PNT.	HUB & TACK SET
L4	S 16°10'47" E	335.47'	SHL TO REF. PNT.	HUB & TACK SET

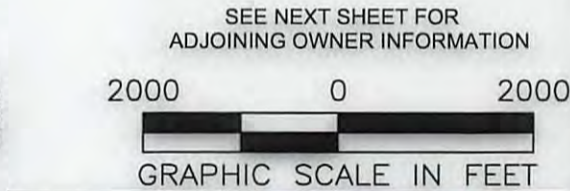
GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT

BHL Longitude: 80°40'00" 140'
 4,353'
 Longitude: 80°40'00"



- 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.



P.S. 2241

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC CONSTANCE TAYLOR WTZ OPERATOR'S WELL #: 1H API WELL #: 47 103 03203 STATE COUNTY PERMIT
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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) **10/13/2017**

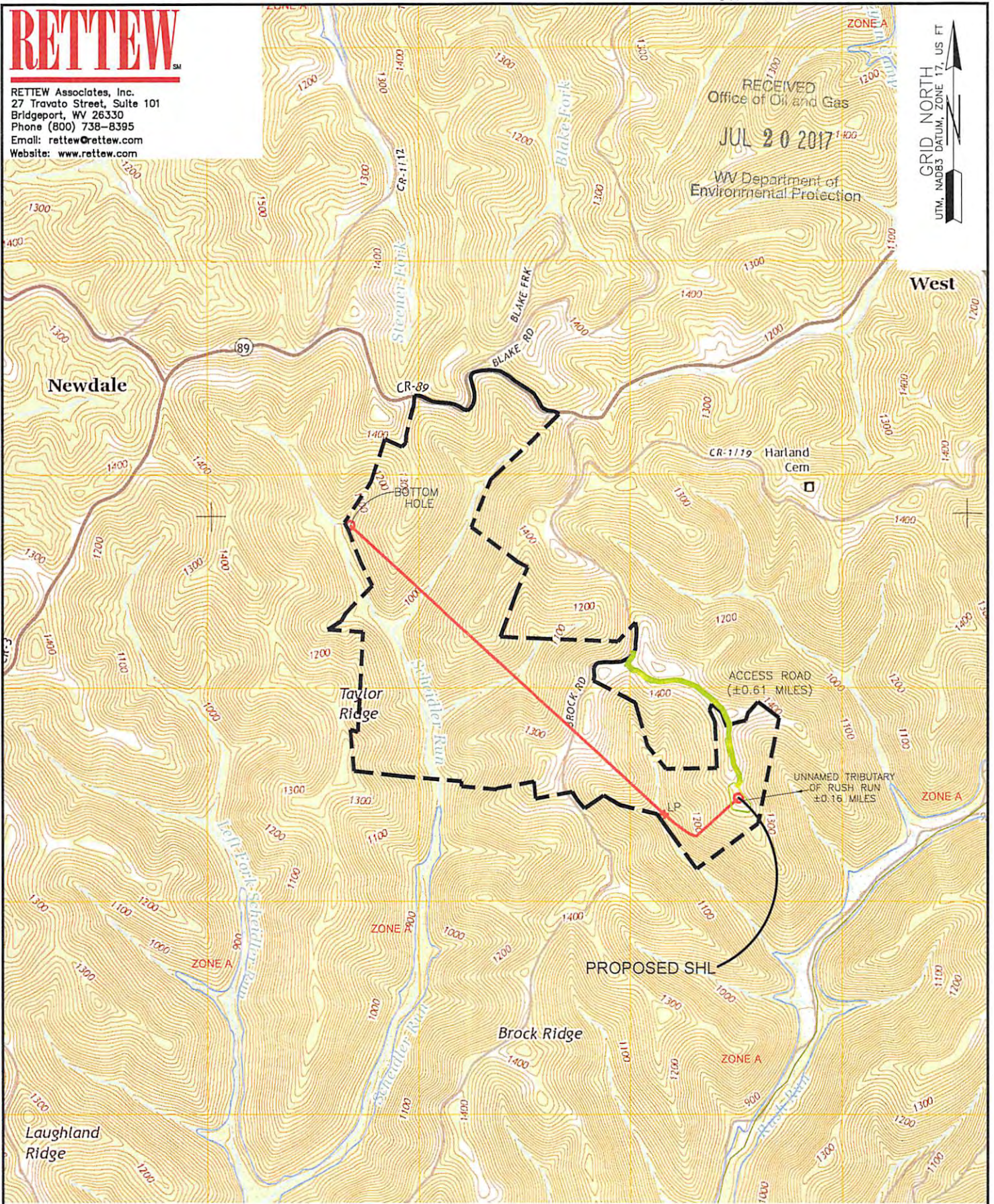
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,429' TVD 14,442' TMD

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:	<input checked="" type="radio"/> PROPOSED SURFACE HOLE / BOTTOM HOLE <input checked="" type="radio"/> EXISTING / PRODUCING WELLHEAD <input checked="" type="radio"/> ABANDONED WELL <input checked="" type="radio"/> PLUGGED & ABANDONED WELL <input checked="" type="radio"/> CUT CONDUCTOR	<input checked="" type="radio"/> EXISTING SPRING <input checked="" type="radio"/> 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
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GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT

RECEIVED
 Office of Oil and Gas
 JUL 20 2017
 WV Department of
 Environmental Protection

2000 0 2000

WELL: CONSTANCE TAYLOR WTZ, 1H
 QUAD: WILEYVILLE, WV

GRAPHIC SCALE IN FEET

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 #: 1H	
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: 39.654713° LONGITUDE: -80.679313° 10/13/2017	
LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD ABANDONED WELL PLUGGED & ABANDONED WELL PERMITTED NOT DRILLED EXISTING SPRING EXISTING WATER WELL LEASE BOUNDARY ACCESS ROAD MARCELLUS DHP HIGHWAY/INTERSTATE COUNTY ROAD		REVISIONS:		DATE: 07-17-2017	
				DRAWN BY: B. HERMAN SCALE: 1" = 2000' DRAWING NO: 087569006 TOPOGRAPHIC MAP	