

Latitude: 40°15'00" N

SURFACE HOLE 1,021'

JACKSON SURVEYING INC.

P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

Table with 2 columns: SURFACE HOLE LOCATION (SHL), BOTTOM HOLE LOCATION (BHL). Includes UTM coordinates and bearings.

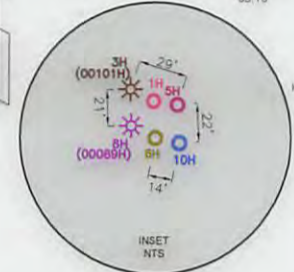
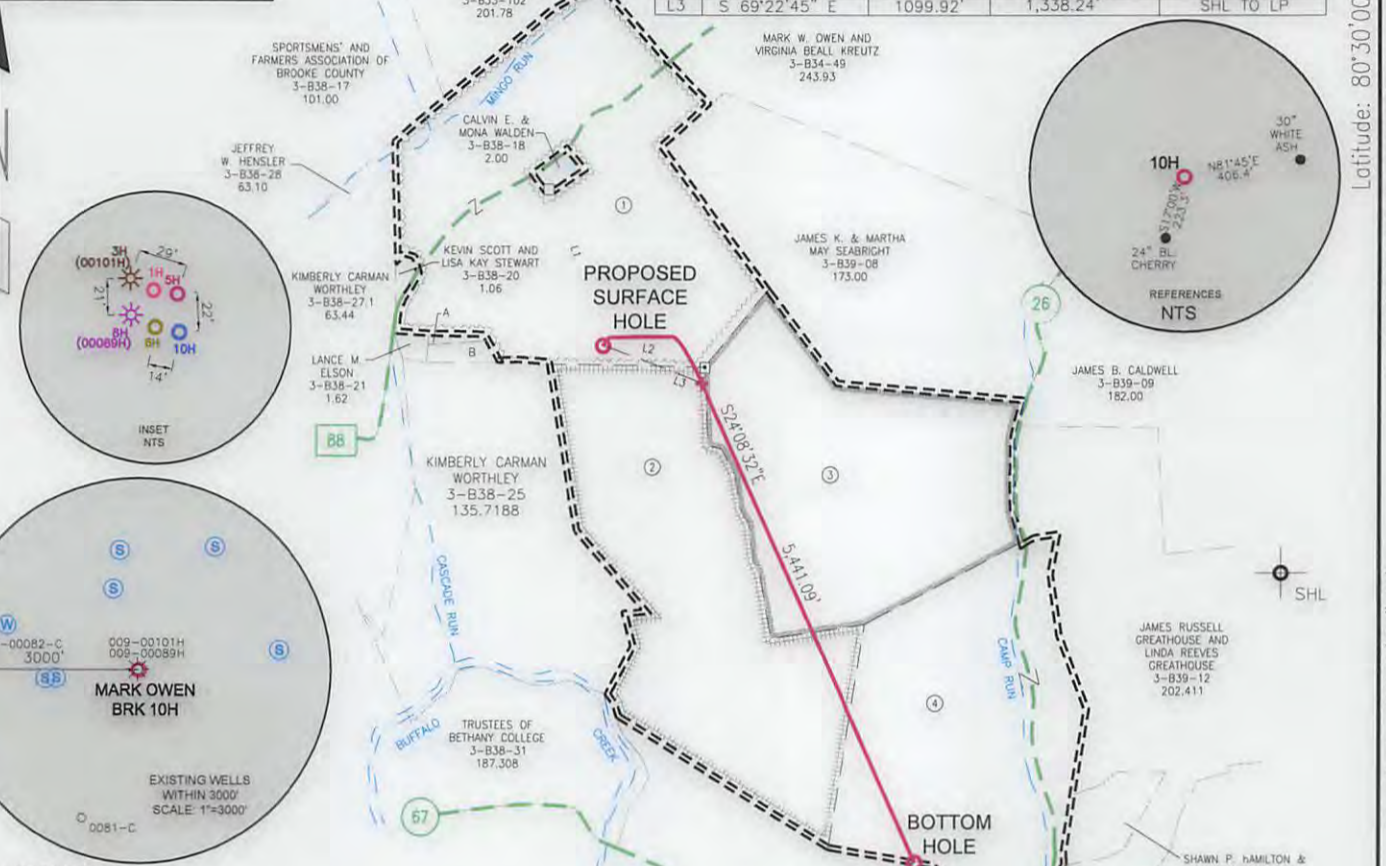
Latitude: 40°12'30" W

BOTTOM HOLE 9,431'

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS. Table with 4 columns: TRACT, SURFACE OWNER, TAX PARCEL, ACRES.

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Lists well location details.

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



WELL RESTRICTIONS

- List of 6 well restrictions including distance from dwellings, buildings, streams, and public water supply.

NOTES ON SURVEY

- Notes on survey including accuracy, boundary representation, and grid north reference.

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. 708

David Jackson (Signature)



(+) 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 SURVEY GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY: SWN Production Company, LLC

MARK OWEN BRK
OPERATOR'S WELL #: 10H
API WELL #: 47 STATE 009 COUNTY 00207 PERMIT

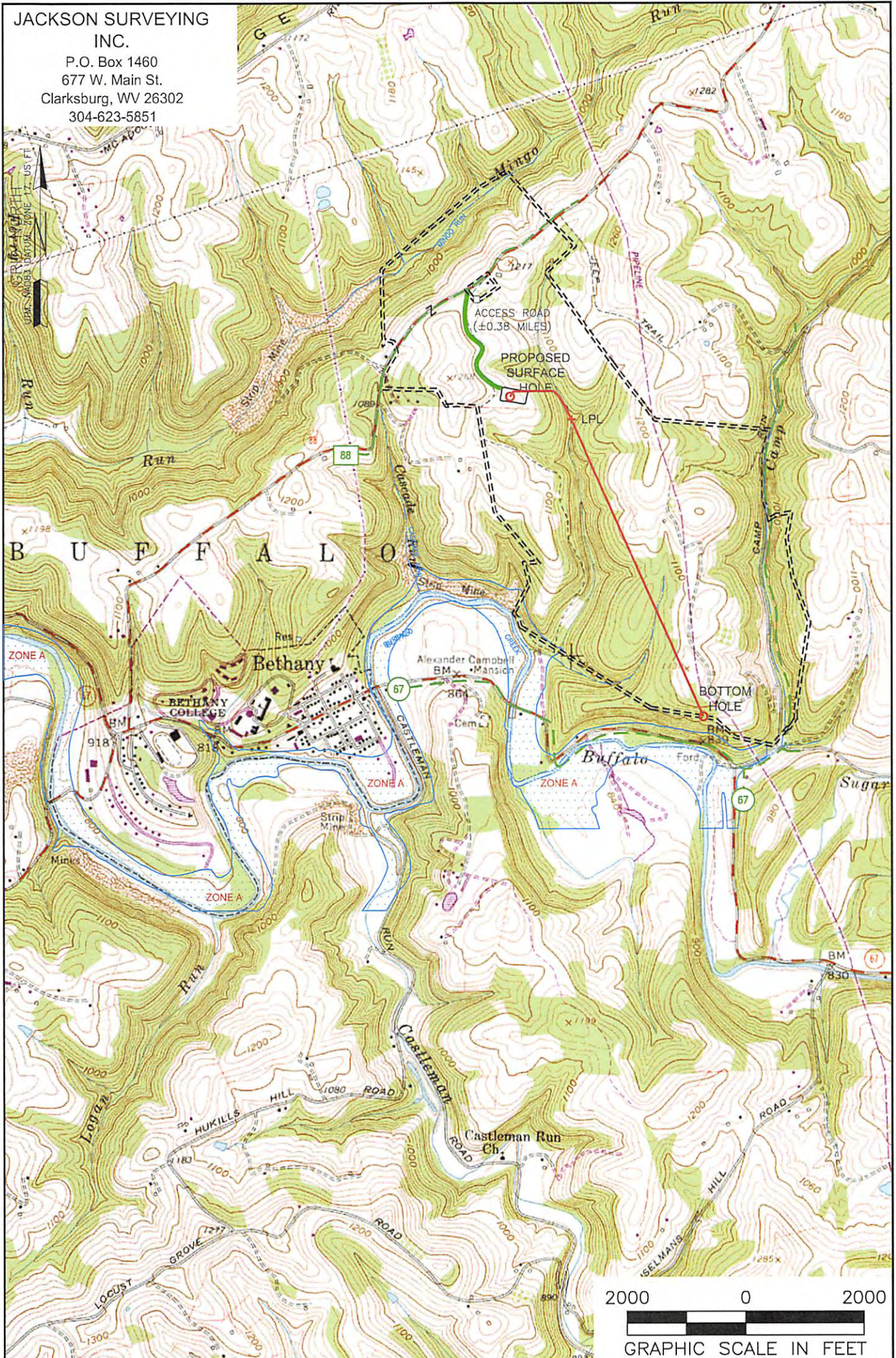
Well type and details form including: WELL TYPE, WATERSHED, DISTRICT, SURFACE OWNER, OIL & GAS ROYALTY OWNER, DRILL options, CONVERT options, TARGET FORMATION, ESTIMATED DEPTH.

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

Table with 2 columns: LEGEND (Proposed surface hole, Existing well, LPL, Existing water well, Existing spring) and REVISIONS/DATE.

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**NOTES ON SURVEY**  
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.  
2. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

<b>LEGEND:</b>	ACCESS ROAD
PROPOSED SURFACE HOLE / BOTTOM HOLE	PUBLIC ROAD
EXISTING / PRODUCING WELLHEAD	ACCESS ROAD / PIPELINE
LANDING POINT LOCATION	LEASE BOUNDARY
FLOOD PLAIN	PROPOSED PATH
	ADSRILLED PATH

09/01/2017

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> MARK OWEN BRK	<b>WELL #</b> 10H	<b>SERIAL #</b>
<b>ADDRESS:</b> P.O. BOX 1300 JANE LEW, WV 26378	<b>COUNTY - CODE</b> BROOKE - 009	<b>DISTRICT;</b> BUFFALO	
<b>SURFACE OWNER:</b> MARK W. OWEN & VIRGINIA BEALL KREUTZ	<b>USGS 7 1/2 QUADRANGLE MAP NAME</b> BETHANY, WV		

FILE OF OIL & GAS MAY 18 2017