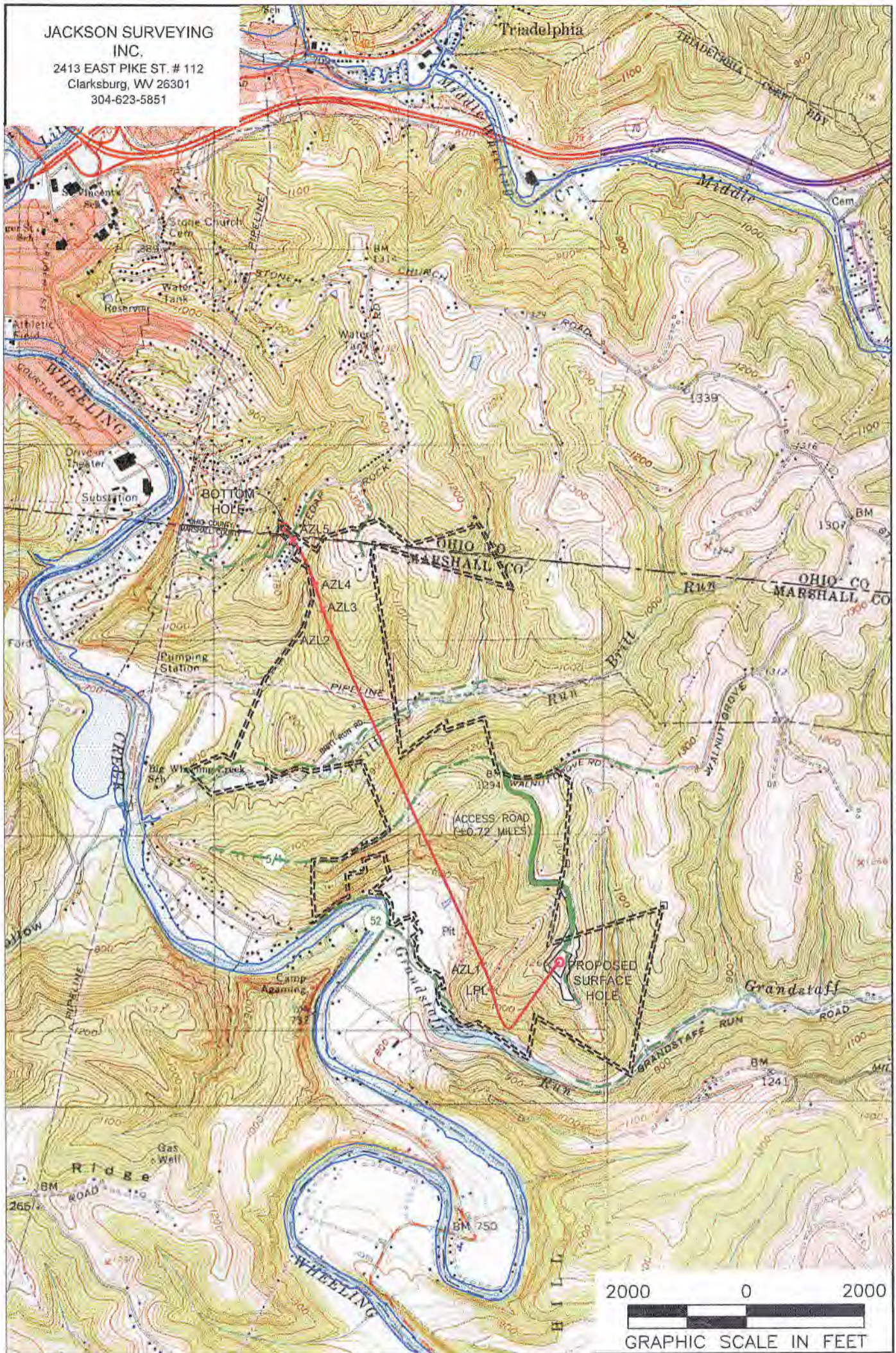


JACKSON SURVEYING  
INC.  
2413 EAST PIKE ST. # 112  
Clarksburg, WV 26301  
304-623-5851



**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.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

RECEIVED  
Office of Oil and Gas  
OCT 13 2020

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH AZL\* AZIMUTH POINT LOCATION

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: BW EDGE MSH	WELL # 1H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD., SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; SAND HILL	
SURFACE OWNER: WILLIAM F. EDGE, JR. & BARBARA EDGE	USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV-OHI	API #: 47-051-	

Latitude: 40°02'30"

SURFACE HOLE 702'

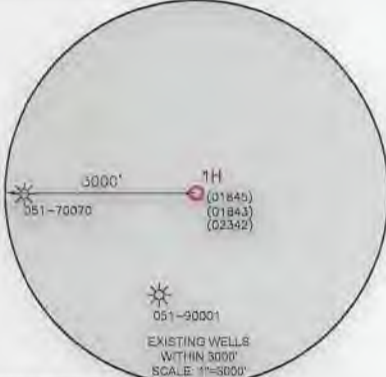
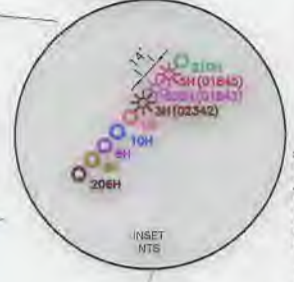
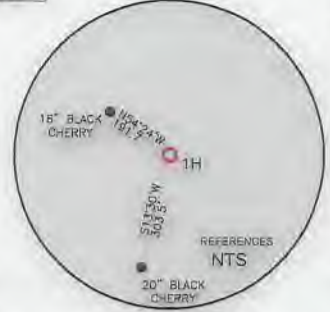
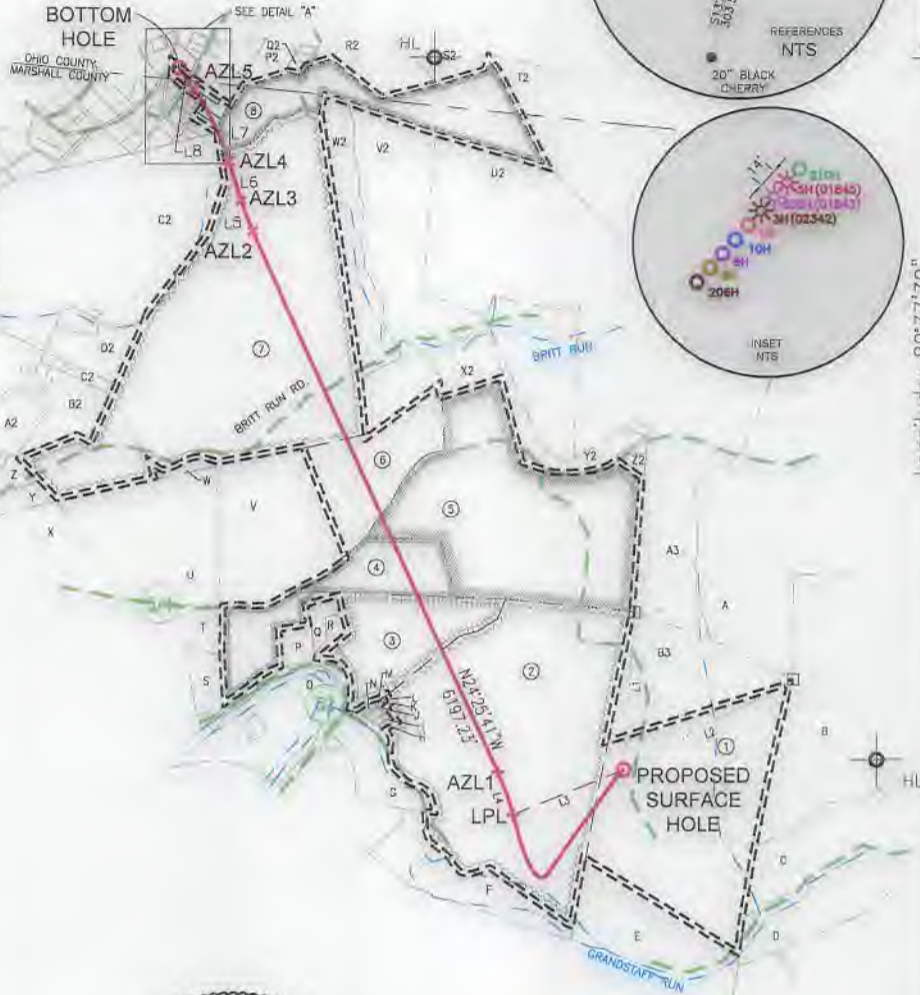
JACKSON SURVEYING INC.

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Table with 2 columns: Location Name and UTM Coordinates (Northing, Easting). Locations include SHL, LPL, AZL1-5, and BHL.

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

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Lists lines L1 through L7 with their respective bearings and distances.



WELL RESTRICTIONS

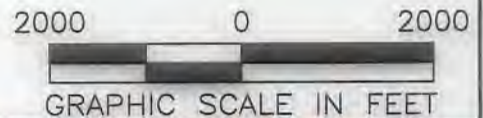
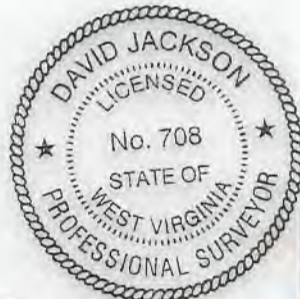
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 825 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

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.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
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 L Jackson



COMPANY: SWN Production Company, LLC

(+) 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)

BW EDGE MSH
OPERATOR'S WELL #: 1H
API WELL #: 47 STATE, 051 COUNTY, 02343 PERMIT

WELL TYPE: OIL [ ] WASTE DISPOSAL [ ] PRODUCTION [X] DEEP [ ] GAS [X] LIQUID INJECTION [ ] STORAGE [ ] SHALLOW [X]
WATERSHED: GRANDSTAFF RUN OF WHEELING CREEK (HUC-10) ELEVATION: 1253.6'
DISTRICT: SAND HILL COUNTY: MARSHALL QUADRANGLE: WHEELING, WV-OHIO
SURFACE OWNER: WILLIAM F. EDGE, JR. & BARBARA EDGE ACREAGE: ±87.8
OIL & GAS ROYALTY OWNER: JOSEPHINE FLETCHER ACREAGE: ±115.8
DRILL [X] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [X] PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ]
CONVERT [ ] PLUG & ABANDON [ ] CLEAN OUT & REPLUG [ ] OTHER CHANGE [ ] (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,380' TVD 15,555' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT RD., SUITE 200 ADDRESS: 1300 FORT PIERPONT RD., SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

Table with 2 columns: LEGEND (Proposed Surface Hole, Existing Wellhead, LPL, Existing Water Well, Existing Spring) and REVISIONS/DATE (09-30-2020, Drawn by: N. Mano, Scale: 1 inch = 2000 feet, Drawing No: Well Location Plat).

JACKSON SURVEYING  
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 2413 EAST PIKE ST. # 112  
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 304-623-5851

**Well Bore Tracts**

TRACT	SURFACE OWNER (S) /ROYALTY OWNER (R)	TAX PARCEL
1	EDGE WILLIAM F JR & BARBARA ANN ET AL (S) / FLETCHER JOSEPHINE (R)	12-9-08
TRACT	SURFACE OWNER	TAX PARCEL
2	FOLMAR TRUST AGREEMENT DATED THE 23RD DAY OF MAY, 2019 (S)	12-1-19
3	ADASE GEORGE & LAURIE (S)	12-1-28
4	ADASE GEORGE & LAURIE (S)	12-1-29
5	SHELLHASE MARK A ET UX (S)	12-1-18
6	LEASURE ANNA (S)	12-1-30
7	COFFIELD MICHAEL L & TYLENE R (S)	12-1-10
8	HARTMAN WALTER L ET UX (S)	12-1-10.1
9	SNYDER LONNIE A (S)	12-1A-83
10	SNYDER LONNIE A (S)	12-1A-83.2
11	STALEY DAVID A ET UX (S)	12-1A-77
12	DAUGHERTY JERRY RAY ET UX (S)	12-1A-78
13	MORRISON WILLIAM J ET UX (S)	12-1A-79
14	MORRISON WILLIAM J ET UX (S)	12-1A-16
15	PAETZOLD DOUGLAS GREIG AND KATHRYN ELIZABETH (S)	6-T17B-319

**ADJOINING OWNERS TABLE**

TRACT	Surface owners	TAX PARCEL
A	GIZA CHESTER A ET UX	12-1-16
B	GIZA CHESTER A ET UX	12-2-14
C	ISALY ROBERT A SR EST	12-2-13
D	GIBSON WILLIAM E	12-9-12
E	ISALY ROBERT A SR EST	12-9-09
F	WHEELING CREEK WATERSHED COMM	12-9-6.1
G	HADSELL SANDRA L	12-1-20
H	DUFF JAMES E & BROOKE L CAPP	12-1-22.1
I	DUFF JAMES E & BROOKE L CAPP	12-1-22
J	FRAZIER GREGORY SCOTT	12-1-23
K	FRAZIER GREGORY SCOTT	12-1-27.1
L	COX JOSHUA N	12-1-27.2
M	MUFFENY PAULA SUE	12-1-27
N	COX JOSHUA N	12-1-26
O	MUFFENY PAULA SUE	12-1-25
P	DAVIS NORMAN W ET UX	12-1-29.1
Q	GRAY JOHN A ET UX	12-1-28.2
R	ALLEN MARK G & CHERYL L	12-1-28.1
S	WHARTON PETER R ET AL	12-1-34
T	ESTEP DOUGLAS J & LINDA R	12-1-33.1
U	MERCER DARICK BENTON & RENEE ANNE	12-1-32
V	GIZA CHESTER A ET UX	12-1-31
W	CONSOLIDATION COAL COMPANY	
X	MURRAY ENERGY C/O LAND DEPT	12-1-10.2
Y	MARPLE JEFFREY J & BARBARA J	12-1-32.1
Z	HIGGINS CONSTANCE L - LIFE	12-1-7.3
A2	RUNKLE SHERRY L	12-1-7.2
B2	SUGAR KAREN SCHENK & TERRY B	12-1-5.2
C2	SUGAR KAREN SCHENK	12-1-5
D2	HAMILTON MARY SCHENK & GARY P	12-1-5.1
E2	HAMILTON MARY SCHENK & GARY P	12-1-5.4
F2	ENGINEERED FOUNDATION SOLUTION PLLS	12-1A-94
G2	ZDONCZYK ROBIN G	12-1A-83.1
H2	NICKERSON TERRY	12-1A-90
I2	GRAHAM KEVIN L	12-1A-82
J2	ROSS KIMIKO	12-1A-81
K2	ROSS KIMIKO	12-1A-80
L2	MORRISON MARCIANN	12-1A-15
M2	MCCLELLAND SHARLYN A - LIFE	12-1A-18
N2	BERISFORD THEODORE A	6-T17B-309
O2	JDS INVESTMENTS LLC	6-T17F-1
P2	YOUNG ALBERT R SR	6-T17B-321
Q2	HARTMAN WALTER L AND GLORIA L	6-T17-17
R2	HOLMES DANIEL P & LAURA S	6-T17-17.2
S2	CAPPONE RAYMOND A & KAREN	6-T17-15
T2	BEALL GREGORY W & JILL ANN	6-T17-9.3
U2	LENZ PATRICK J	12-1-46
V2	COFFIELD MICHAEL L & TYLENE R	12-1-13
W2	BARTOLOVICH STEPHEN M	12-1-11
X2	BARTOLOVICH STEPHEN M	12-1-47
Y2	BARTOLOVICH STEPHEN M	12-1-18.4
Z2	BARTOLOVICH STEPHEN M	12-1-18.3
A3	SHELLHASE MARK A & ANDREA	12-1-18.5
B3	GIZA CHESTER A ET UX	12-1-15
C3	WHEELING POWER COMPANY	12-9-8.1

REVISIONS:

COMPANY:

**SWN**  
 Production Company, LLC

**SWN** <sup>R<sup>+</sup></sup>/<sub>A</sub> <sup>+</sup>/<sub>V</sub> <sup>+</sup>/<sub>+</sub>  
 Production Company™

OPERATOR'S: BW EDGE MSH  
 WELL #: 1H

API #: 47-051-

DATE: 09-30-2020

DISTRICT: SAND HILL

COUNTY: MARSHALL

STATE: WV

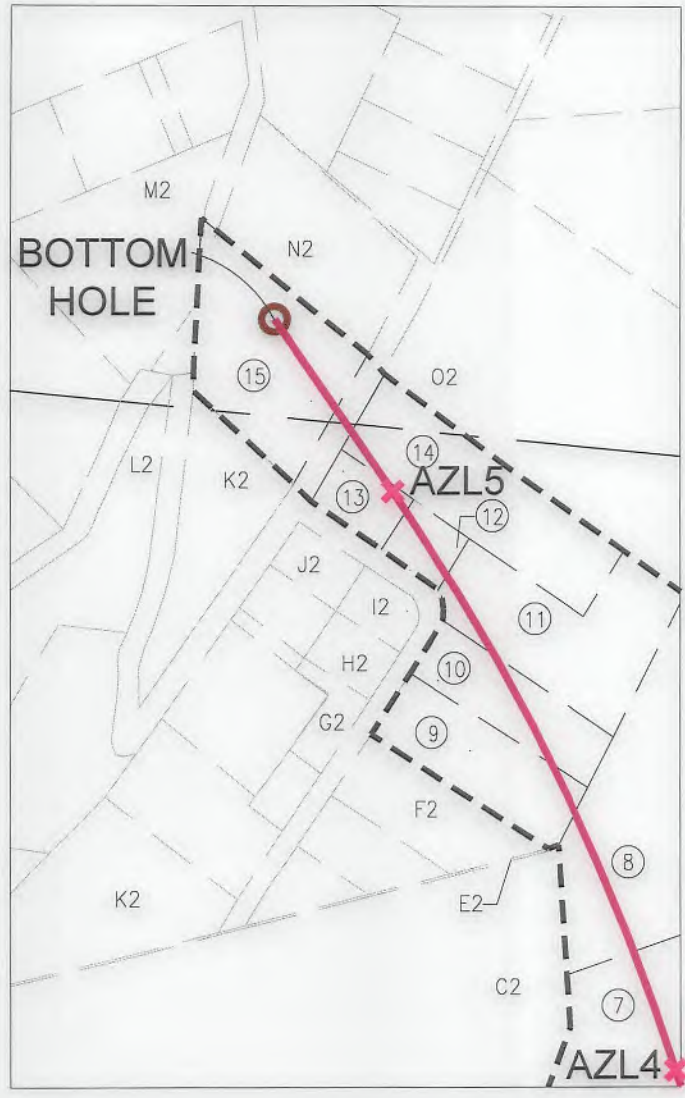
DRAWN BY: N. MANO



SCALE: N/A

DRAWING NO:

WELL LOCATION PLAT 3

JACKSON SURVEYING  
 INC.  
 2413 EAST PIKE ST. # 112  
 Clarksburg, WV 26301  
 304-623-5851



REVISIONS:	COMPANY:		 	
	OPERATOR'S	BW EDGE MSH	API #:	DATE: 09-30-2020
	WELL #:	1H	47-051-	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	SAND HILL	MARSHALL	WV	DRAWING NO:
				WELL LOCATION PLAT 2