

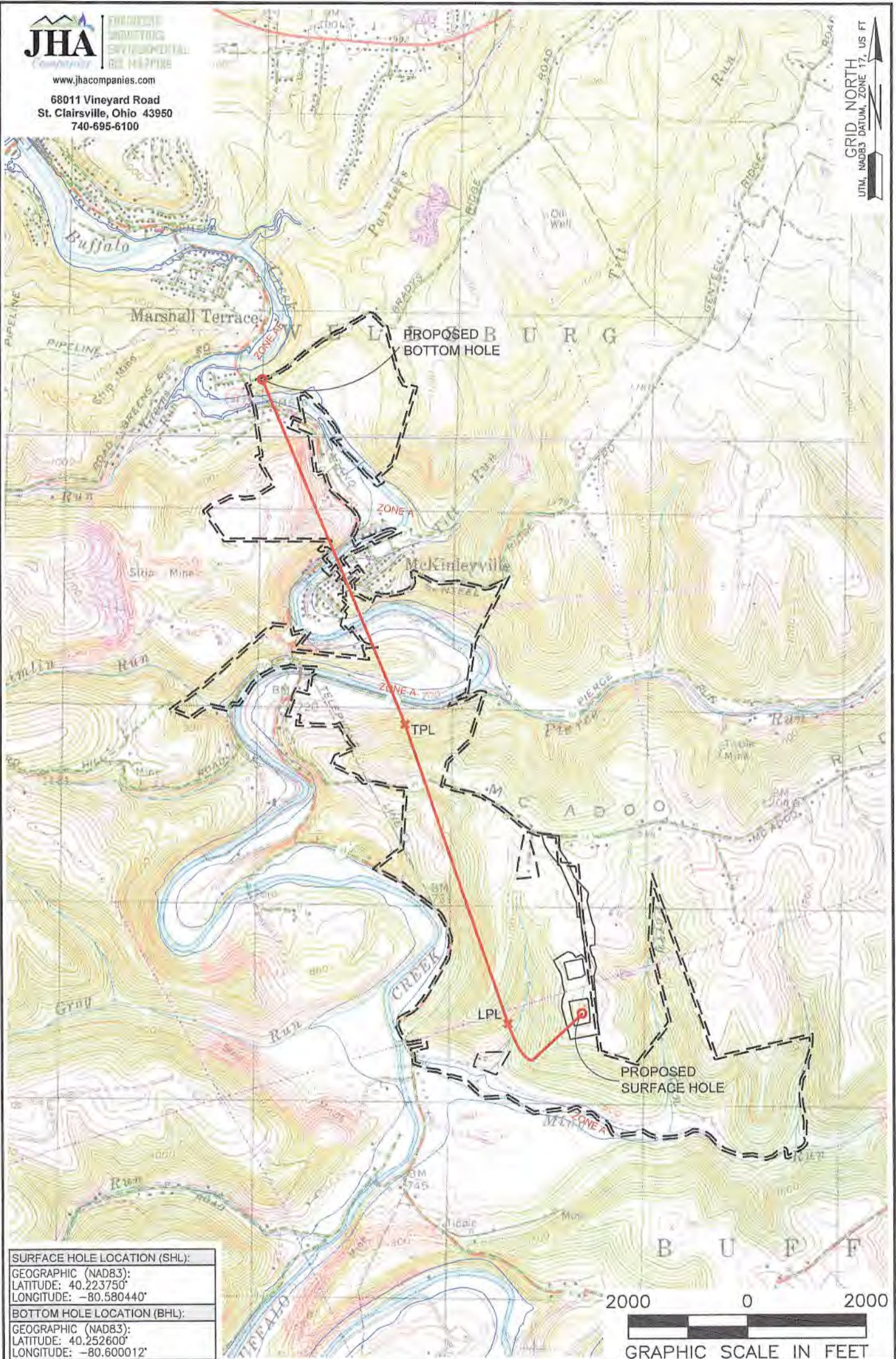


**JHA**  
 CONSULTING  
 ENVIRONMENTAL  
 & ENGINEERING

www.jhacompanies.com

68011 Vineyard Road  
 St. Clairsville, Ohio 43950  
 740-695-6100

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



<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.223750°
LONGITUDE: -80.580440°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83):
LATITUDE: 40.252600°
LONGITUDE: -80.600012°

**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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊛ EXISTING / PRODUCING WELLHEAD
- LPL\* LANDING POINT LOCATION
- FLOOD PLAIN
- NATURAL WATERWAY
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- == LEASE BOUNDARY
- PROPOSED PATH

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> JOHN GOOD JR BRK	<b>WELL #</b> 201H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	<b>COUNTY:</b> BROOKE	<b>CODE:</b> 9	<b>DISTRICT:</b> BUFFALO
<b>SURFACE OWNER:</b> JOHN PRATHER GOOD JR IRREVOCABLE TRUST	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> WILEYVILLE, WV		
		<b>API #</b> 47-009-XXXX	

LATITUDE: 40°15'00" SURFACE HOLE (2000' SCALE)

10884'

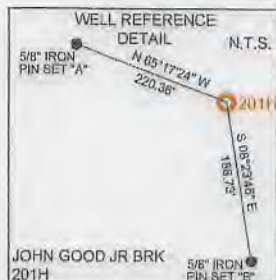
LATITUDE: 40°17'30" BOTTOM HOLE (2000' SCALE)

4697'



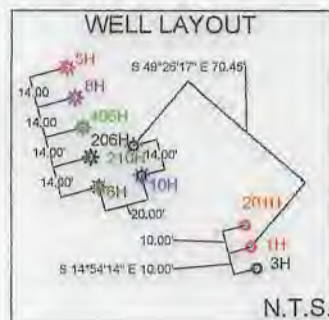
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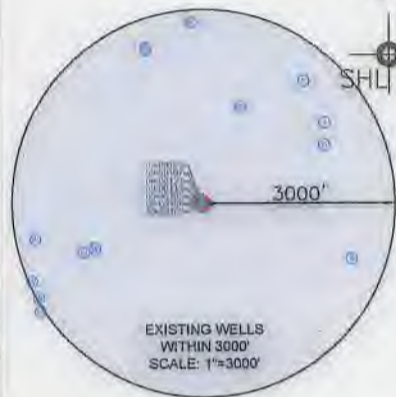


NOTES ON SURVEY

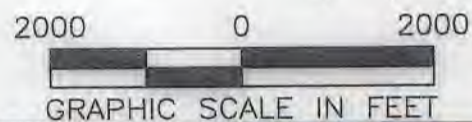
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 525 FEET OF PROPOSED CENTER OF PAD.
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	N20°50'47"W	1693.27'
L2	S25°09'04"E	704.81'



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4452676.18 EASTING: 535696.37
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4452618.68 EASTING: 535317.96
<b>TURNING POINT LOCATION (TPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4454134.10 EASTING: 534771.41
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4455870.74 EASTING: 534016.68



LONGITUDE: 80°35'00" BOTTOM HOLE (2000' SCALE)  
LONGITUDE: 80°32'30" SURFACE HOLE (2000' SCALE)

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. 2041

COMPANY: **SWN** Production Company, LLC

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL &amp; GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	OPERATOR'S WELL #: JOHN GOOD JR BRK 201H API WELL #: 47 009 00322 STATE COUNTY PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	

WATERSHED: UPPER OHIO SOUTH	ELEVATION: 1153.3'
DISTRICT: BUFFALO COUNTY: BROOKE	QUADRANGLE: BETHANY WV & STEUBENVILLE EAST OH
SURFACE OWNER: JOHN PRATHER GOOD JR IRREVOCABLE TRUST	ACREAGE: ±66.57
OIL & GAS ROYALTY OWNER: JOHN PRATHER GOOD JR IRREVOCABLE TRUST	ACREAGE: ±66.57
DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)	ESTIMATED DEPTH: 5,892' TVD 17,959' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201	ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

<b>LEGEND:</b> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL: LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊕ EXISTING SPRING --- NATURAL WATERWAY --- SURVEYED BOUNDARY === LEASE BOUNDARY --- PROPOSED PATH --- PUBLIC ROAD	<b>REVISIONS:</b> DATE: 07-09-2020 API NO: 47-009-XXXX DRAWN BY: L. CLINE SCALE: 1" = 2000' DRAWING NO: 2020-0714 WELL LOCATION PLAT
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INSET I

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	JOHN PRATHER GOOD JR IRREVOCABLE TRUST (S)/(R)	03-B38-001.0
TRACT	SURFACE OWNER	TAX PARCEL
2	STARVAGGI INDUSTRIES INC.	03-B37-053.0
3	MARSH LIVING TRUST DATED 1/28/13 (PHYLLIS MARSH TRUSTEE)	03-B32-118.0
4	RICHARD ROGERS; CHERI SHARP; EDWARD O'DYER ETAL	03-B37-048.0
5	JOHN P GOOD III; KENETH D JOHNSTON (SURVIVOR)	03-B32-117.0
6	JAMIE L & LESLIE OHLER	03-B32-099.1
7	MARK & GEORGIA FEDAK	03-B32-099.0
8	MARK & GEORGIA FEDAK (SURVIVOR)	03-B32-100.0
9	SAMUEL HERVEY HUBBARD	03-B32-096.0
10	JAMES E & ANNETTE M BEST	03-B32-201.0
11	ALBERT & LOTTIE STEWART	03-B32H-050.0
12	GARY PRATZ, CONNIE MORRIS, KAREN MACKAY	03-B32G-033.0
13	DENNIS F MCQUILLAN JR.	03-B32G-032.0
14	BROOKE COUNTY BOARD OF EDUCATION	03-B32G-047.0
15	MARVIN LEE HUFF JR	03-B32G-048.0
16	CODY T ZUK	03-B32G-053.0
17	CHARLES BOGGS (LE-RUTH BOGGS)	03-B32G-052.0
18	CHARLES E JR & TARRIS L MOORE (SURVIVOR)	03-B32G-051.1
19	STARVAGGI INDUSTRIES INC.	03-B32G-063.0
20	VEMURI HOME & GARDENS LLC	03-B32G-001.0
21	HERBERT MCGOWEN	03-B32G-067.0
22	LESLIE R & JOSEPHINE L OHLER (TOD) JAMIE OHLER	03-B32-076.0
23	ERIC J WOODBURN	03-B32-075.0
24	GARY LEE & HANNAH JANE PRATZ	03-B32-074.0
25	SYLVIA TAYLOR	03-B32-085.0
26	STARVAGGI INDUSTRIES INC.	03-B27-027.0

REVISIONS:


COMPANY:

**SWN**  
Production Company, LLC

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

OPERATOR'S JOHN GOOD JR BRK  
WELL #: 47-009-00322 -HGA 201H

DATE: 07-09-2020  
API NO: 47-009-XXXX  
DRAWN BY: L. CLINE  
SCALE: N/A  
DRAWING NO: 2020-0714  
WELL LOCATION PLAT

DISTRICT: BUFFALO COUNTY: BROOKE STATE: WV

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MARY JANE JACKSON ETAL	03-B33-060.0
B	JOHN H. JR, RAY KEVIN & JODY PROELLOCHS	03-B38-007.0
C	MARK A. & GEORGIA M FEDAK (SURVIVOR)	03-B38-014.0
D	BATHANY COLLEGE	03-B38-031.0
E	PELUCHETTE FAMILY TRUST	03-B37-063.0
F	JOHN E. & SHERRILL J. RIPLEY (SURVIVOR) (L EST-WILDA RIPLEY	03-B37-062.0
G	MARLIN G SR. & JOY CRAWFORD (SURVIVOR)	03-B37-055.0
H	LAWRENCE PAUL SMITH SR.	03-B37-054.0
I	WILLIAM E. & HAZEL E. JOHNSTON	03-B37-053.1
J	BONNIE LUKACENA-1/2; SHAYNE SCHUETZNER-1/8 ETAL	03-B37-049.0
K	VEMURI DWARKA NATH DBA AMERICAN HEART ASSOCIATES	03-B37-047.0
L	ROWDY T. GEORGETTI	03-B32-116.0
M	MATTHEW P. TOMSHACK	03-B32-099.4
N	JERRY B. & PAMELA S. MERCER (SURVIVOR)	03-B32-099.3
O	LLOYD T. & JUDITH KAY VAN HORN (T.O.D.) AMY LYNN ETAL	03-B32-106.0
P	LLOYD T. & JUDITH KAY VAN HORN (T.O.D.) AMY LYNN ETAL	03-B32-104.0
Q	WEST VIRGINIA DEPARTMENT OF HIGHWAYS; MARK A. & GEORGIA M. FEDAK	UNKNOWN
R	MARK A. & GEORGIA M. FEDAK	03-B32-103.0
S	MARK A. & GEORGIA M. FEDAK	03-B32-102.0
T	MARK A. & GEORGIA M. FEDAK	03-B32-101.0
U	HARRY & JUDITH ICKES (SURVIVOR)	03-B32-133.0
V	PATRICIA WILLIAMS	03-B32-134.0
W	PATRICIA WILLIAMS	03-B32-198.0
X	DAVID MCGOWAN	03-B32-190.0
Y	ROBERT G. TREDWAY JR.	03-B32-188.0
Z	SCHIAPPA & COMPANY INC.	03-B32-099.0
AA	PAUL W. & SUSAN A. FODOR	03-B32-089.0
AB	MICHAEL DELLA SEREVICZ	03-B32-090.0
AC	JOHN L. SR. & LUCILLE M. BEST	03-B32-095.0
AD	TERRY LYNN BEST	03-B32-094.0
AE	JADON LEWIS & MARY HELEN LISTON (SURVIVOR)	03-B32G-019.0
AF	SAUNDRA LANCASTER	03-B32G-020.0
AG	HEIDI NOLAN	03-B32G-021.0
AH	HEIDI NOLAN	03-B32G-022.0
AI	MELVIN A. COLLEY JR.; KATHY L. STEWART (SURVIVOR)	03-B32G-031.0
AJ	SUSAN EILEEN LONG	03-B32G-030.0
AK	SAMANTHA K. BEATTY	03-B32G-029.0
AL	CHAD GRIFFITH	03-B32G-049.0
AM	ROBT L. JR & DONALD KERNOSKI ETAL	03-B32G-050.0
AN	LARRY MICHAEL & DEBORAH RENEE REED	03-B32G-005.0
AO	KAY A. ELLIOTT	03-B32G-004.0
AP	KAY A. ELLIOTT	03-B32G-003.0
AQ	DIXIE LEE OHLER	03-B32G-002.0
AR	JAY D. & KAREN S. RECK (SURVIVOR)	03-B32G-067.1
AS	STEVE D. & MARY CHRISTINE MARTINO (SURVIVOR)	03-B32-064.0
AT	JEFFREY P. JACKFERT	03-B32-065.0
AU	JEFFREY P. JACKFERT	03-B32-053.0
AV	GLORIA PRAMESA	03-B32-049.0
AW	RICHARD E. HARRISON JR.	03-B32-048.0
AX	MILDRED MANI-1/2; MILES BAUER 1/4; ERIK P. BAUER 1/4	03-B27-021.0
AY	2018 MILDRED MANI REVOCABLE TRUST	03-B27-028.0
AZ	MILDRED MANI; MILES BAUER	03-B27-026.0
BA	STARVAGGI INDUSTRIES INC	03-B32H-041.0
BB	TERRY & CHARLOTTE STEWART	03-B32H-001.0

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BC	SYLVIA TAYLOR	03-B32-083.0
BD	SYLVIA TAYLOR	03-B32-084.0
BE	SYLVIA TAYLOR & TERENCE SPERRINGER	03-B32-086.0
BF	JOHN F. & AVA LEE RICKEY	03-B32-077.0
BG	MELVIN A. & ALBERTA A. COLLEY	03-B32-078.0
BH	TONY SMITH	03-B32-079.0
BI	KEITH BLACK	03-B32-080.0
BJ	CINDY LEE BLACK	03-B32-081.0
BK	SYLVIA TAYLOR	03-B32-082.0
BL	WAYNE & SYLVIA TAYLOR (SURVIVOR)	03-B32G-066.0
BM	BROOKE COUNTY COMMISSION	03-B32H-049.0
BN	CHARLES M. & ELIZABETH A. STEWART (SURVIVOR)	03-B32H-002.0
BO	CHARLES M. & ELIZABETH A. STEWART (SURVIVOR)	03-B32H-003.0
BP	ELSIE M. BUCHANAN	03-B32H-004.0
BQ	BRENDA STEWART; TERRY JAMES; CHANCE	03-B32H-005.0
BR	RANDOLPH & TAMMYR. CLARK	03-B32H-006.0
BS	CLYDE & CAROL JORDAN (SURVIVOR)	03-B32H-041.1
BT	MCKINLEYVILLE VOLUNTEER FIRE DEPARTMENT	03-B32H-041.2
BU	MCKINLEYVILLE VOLUNTEER FIRE DEPARTMENT	03-B32H-048.0
BV	BROOKE COUNTY COMMISSION	03-B32G-051.0
BW	DONNA HIGGINS	03-B32G-060.0
BX	BROOKE COUNTY COMMISSION	03-B32G-054.0
BY	MARTHA K. WILLIAMS	03-B32G-055.0
BZ	CYNTHIA KUTCHER	03-B32G-056.0
CA	BROOKE COUNTY BOARD OF EDUCATION	03-B32G-057.0
CB	TRINA BELLE WEITH	03-B32G-058.0
CC	BETTY SEXTON	03-B32G-046.0
CD	BROOKE COUNTY BOARD OF EDUCATION	03-B32H-043.0
CE	MADELYN MAYFIELD	03-B32H-045.0
CF	ROBERT B. MIROSLAW	03-B32H-044.0
CG	MCKINLEYVILLE CHURCH OF CHRIST	03-B32G-042.0
CH	JOHNATHAN M. MCGOLDRICK	03-B32G-034.0
CJ	HELEN V. TENNANT	03-B32G-035.0
CJ	ALBERT & LOTTIE J. STEWART	03-B32G-037.0
CK	ALLEN L. & TERESA A. MORRIS (SURVIVOR)	03-B32H-046.0
CL	MARY KRUGER-1/3; LAURA-1/3; HELEN-1/3	03-B32H-047.0
CM	ALBERT & LOTTIE STEWART	03-B32H-031.0
CN	LUCILLE MOZINGO	03-B32H-037.0
CO	RONALD L. MCMASTERS JR	03-B32H-038.0
CP	DAVID HAMILTON	03-B32H-039.0
CQ	STARVAGGI INDUSTRIES INC	03-B33-054.0
CR	BEAR TRAK PROPERTIES	03-B33-010.2
CS	SAMUEL HERVEY HUBBARD	03-B32-097.0
CT	JAMES S. & ADRIENE N. ALLEN (SURVIVOR)	03-B32-098.0
CU	EDWARDS J. MARKER	03-B32-126.0
CV	DAVID PIERCE	03-B32-125.0
CW	CARLE LEWIS & DELCIE MAE JONES	03-B32-124.0
CX	BRADFORD L. JONES & SHARON E. SNYDER	03-B32-123.0
CY	TRAVIS A. MILLER	03-B32-122.0
CZ	CRAIG & COURTNEY HAVELKA	03-B32-121.0
DA	BRIAN BIRDSALL	03-B32-120.0
DB	JOHN PRATHER GOOD III & LAURIE THOMAS (SURVIVOR)	03-B32-119.0
DC	JOHN PRATHER GOOD JR IRREVOCABLE TRUST	03-B33-057.0
DD	MARLIN G. SR. & JOY H. CRAWFORD	03-B37-053.2

REVISIONS:

COMPANY:

**SWN**  
Production Company, LLC

**SWN** *Rev V+0*  
Production Company™

OPERATOR'S JOHN GOOD JR BRK

WELL #: 47-001-00322-110A 201H

DISTRICT:  
BUFFALO

COUNTY:  
BROOKE

STATE:  
WV

DATE: 07-09-2020  
API NO: 47-009-XXXX  
DRAWN BY: L. CLINE  
SCALE: N/A  
DRAWING NO: 2020-0714  
WELL LOCATION PLAT