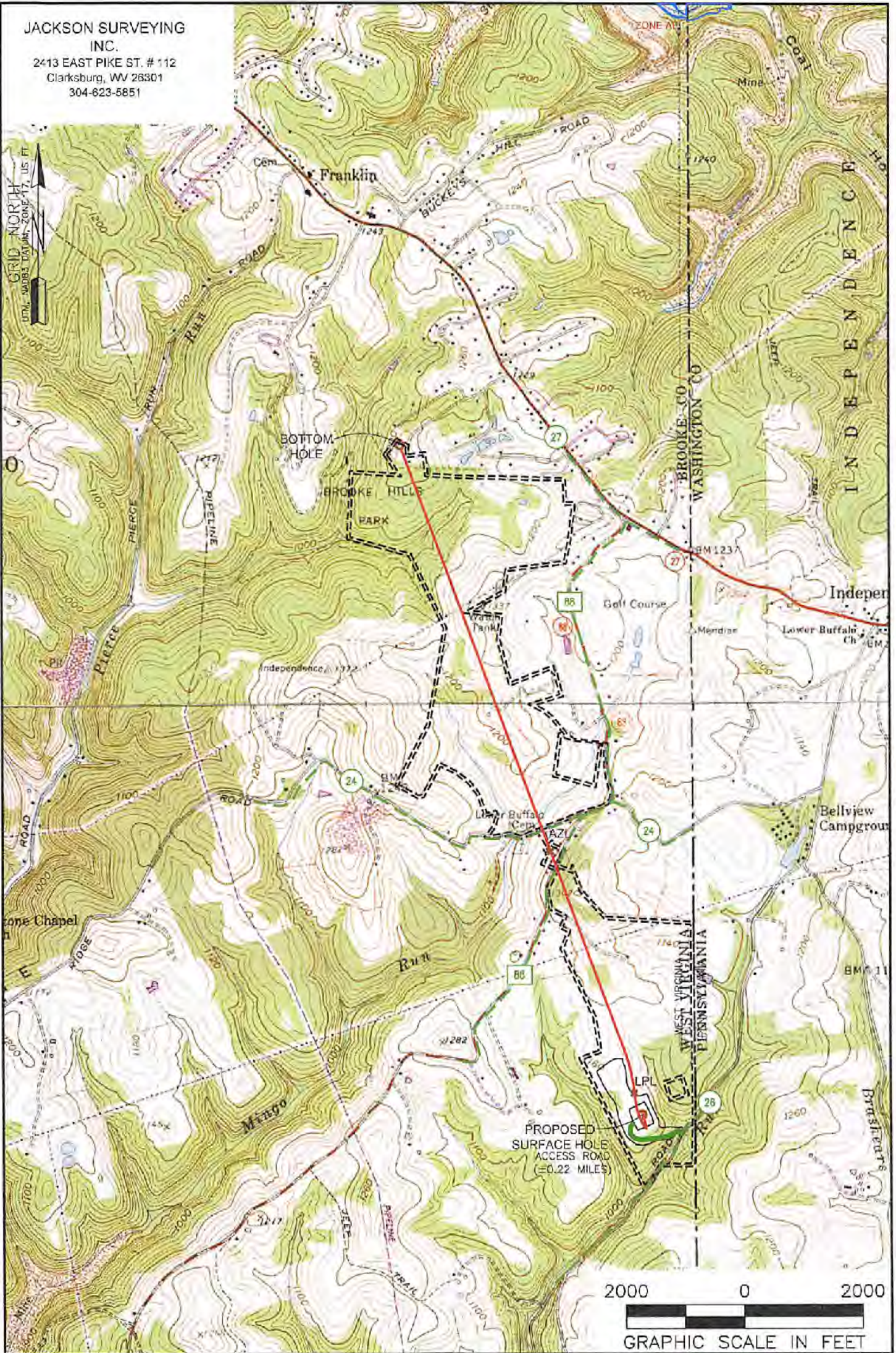


JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26301
 304-623-5851

GRID NORTH
 UTM - NAD83 DATUM - ZONE 17 US FT



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.

LEGEND:
 ○ PROPOSED SURFACE HOLE / BOTTOM HOLE
 * EXISTING / PRODUCING WELLHEAD
 LPL * LANDING POINT LOCATION
 [Blue outline] FLOOD PLAN
 [Green line] ACCESS ROAD
 [Dashed line] PUBLIC ROAD
 [Black line] ACCESS ROAD TO PREV. SITE
 [Double line] LEASE BOUNDARY
 [Red line] PROPOSED PATH

| | | | |
|--|---|----------------------|----------|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | WELL (FARM) NAME: MARGARET CORBIN BRK | WELL # 3H | SERIAL # |
| ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508 | COUNTY - CODE BROOKE - 009 | DISTRICT: BUFFALO | |
| SURFACE OWNER: LOUIS W. HENSLE, JR. & MARGARET HENSLE | USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV | API# 47-009-00281 | |

Latitude: 40°15'00"

SURFACE HOLE 6,227'

Latitude: 40°17'30"

BOTTOM HOLE 10,219'

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

| LINE | BEARING | DISTANCE | DESCRIPTION | MONUMENT |
|------|---------------|-----------|-----------------|------------------|
| L1 | S 19°25'15" E | 2,785.83' | SHL TO LANDMARK | SIGN POST FOUND |
| L2 | S 05°00'18" W | 6,152.72' | SHL TO LANDMARK | FENCE POST FOUND |
| L3 | N 20°02'33" W | 386.05' | CURVE LENGTH | 917.31' |
| L4 | N 19°00'45" W | 4,299.58' | CURVE LENGTH | 4,306.70' |

SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,453,529.654
EASTING: 540,637.951

LANDING POINT (LPL):

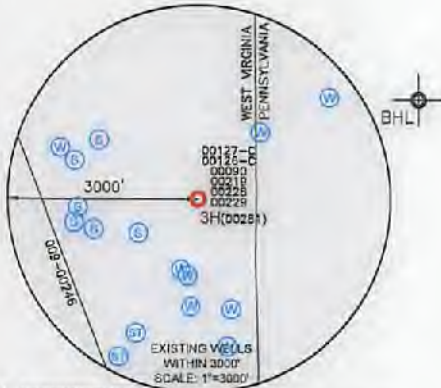
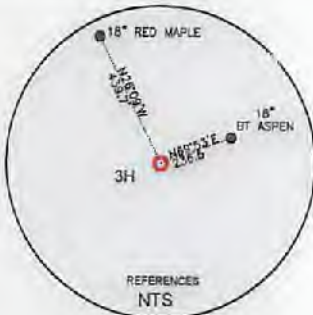
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,453,640.199
EASTING: 540,597.623

AZIMUTH LOCATION (AZL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,454,879.223
EASTING: 540,170.688

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,456,961.646
EASTING: 539,401.258



Longitude: 80°30'00"
Longitude: 80°30'00"

WELL RESTRICTIONS

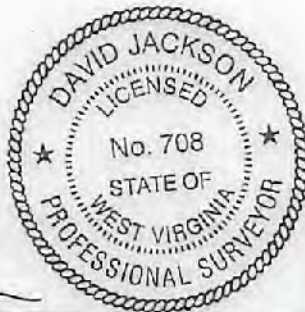
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 825 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 825 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OF 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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
4. 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



3000 0 3000

GRAPHIC SCALE IN FEET

COMPANY:

SWN

SWN

Production Company, LLC Production Company™



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

MARGARET CORBIN BRK

OPERATOR'S WELL #: 3H

API WELL #: 47 009 00281
STATE COUNTY PERMIT

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

WATERSHED: CAMP RUN OF BUFFALO CREEK (HUC-10) ELEVATION: 1150.1'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY, WV

SURFACE OWNER: LOUIS W. HENSLER, JR. & MARGARET HENSLER ACREAGE: ±183.13

OIL & GAS ROYALTY OWNER: MARGARET H. CORBIN, WIDOW ACREAGE: ±183.13

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: 6,079' TVD 18,044' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

| LEGEND: | REVISIONS: | DATE: |
|---|--|--|
| <ul style="list-style-type: none"> PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL: LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING | <ul style="list-style-type: none"> SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY PROPOSED PATH AZL: AZIMUTH POINT LOCATION | <ul style="list-style-type: none"> 03-06-2019 07-10-2019 |

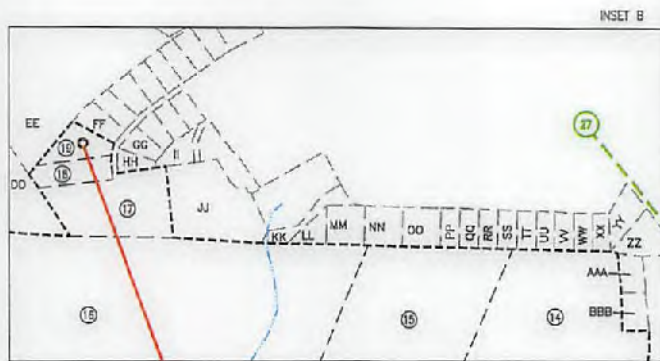
JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112

Clarksburg, WV 28301

304-623-5651



| | | | |
|---------------------------------|---------------------------------------|----------------|--|
| REVISIONS: | COMPANY: | | |
| △ REVISED TVD, TMD & LEG LENGTH | SWN Production Company, LLC | | SWN $\frac{R^2}{A} \rightarrow V^{+0}$ Production Company™ |
| 07-10-2019 | OPERATOR'S MARGARET CORBIN BRK | API #: | DATE: 03-06-2019 |
| | WELL #: 47-009-00281 3H | 47-009-00281 | DRAWN BY: N. MANO |
| | DISTRICT: BUFFALO | COUNTY: BROOKE | STATE: WV |
| | | | SCALE: N/A |
| | | | DRAWING NO: |
| | | | WELL LOCATION PLAT 2 |



**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-823-5661

| WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS | | |
|--|--|----------------------------------|
| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL |
| 1 | LOUIS W. HENSLE JR. & MARGARET R. HENSLE (S) / MARGARET H. CORBIN, WIDOW (R) | 03-B34-57 |
| TRACT | SURFACE OWNER | TAX PARCEL |
| 2 | WILLIAM J. WALES & MARSHA E. WALES (S) | 03-B34-59 |
| 3 | WV DEPARTMENT OF TRANSPORTATION (S) | RT. 88 "BEALLS RIDGE ROAD" |
| 4 | BRIAN C. ROADMAN & KRISTA L. ROADMAN (S) | 03-B34-35 |
| 5 | JEFFEREY A. SHAFFER & MARTHA L. SHAFFER (S) | 03-B34-34 |
| 6 | GRIFF H. BRIGGS (S) | 03-B34-33 |
| 7 | RALPH R. VAN CAMP, JR. (S) | 03-B34-31 |
| 8 | ROBERT LEE FRESHWATER (S) | 03-B34-32 |
| 9 | NANCY J. AMBROSE REVOCABLE TRUST (S) | 03-B34-24 |
| 10 | JUDITH LEE BRINKLEY, SARAH A. STENGER & MARK A. BUYAN (S) | 03-B34-10 |
| 11 | NANCY J. AMBROSE REVOCABLE TRUST (S) | 03-B34-11 |
| 12 | WILLIAM CURTIS HUNT & SUSAN L. HUNT (S) | 03-B34-07 |
| 13 | WILLOW SPRINGS, INC. (S) | 03-B34-10.2 |
| 14 | DAVID L. RAGAN & JOYCE A. RAGAN (S) | 03-B29-13 |
| 15 | LOUIS DELATORE & KAREN DELATORE (S) | 03-B29-13.1 |
| 18 | PARK & RECREATION COMMISSION (S) | 03-B29-14 |
| 17 | RICHARD M. COPERICH & BELINDA A. COPERICH (S) | 03-B29J-25 |
| 18 | RICHARD M. COPERICH & BELINDA A. COPERICH (S) | 03-B29J-24 |
| 19 | RICHARD M. COPERICH & BELINDA A. COPERICH (S) | 03-B29J-23 |

| ADJOINING OWNERS TABLE | | |
|------------------------|---|-------------|
| TRACT | SURFACE OWNER | TAX PARCEL |
| A | TAMMY M. WITHERS | 03-B36-04 |
| B | JOHN DANA GARNER | 03-B39-03 |
| C | RICKY VON HUDSON | 03-B39-02 |
| D | NORMA J. SHIDOCK | 03-B34-50 |
| E | KEVIN L. MINOR & RULETTA R. MINOR | 03-B34-50.1 |
| F | MICHAEL M. HENSLE JR. & DEBORAH HENSLE | 03-B34-57.4 |
| G | LOUIS W. HENSLE JR. & MARGARET R. HENSLE | 03-B34-57.3 |
| H | LOUIS W. HENSLE JR. & MARGARET R. HENSLE | 03-B34-55 |
| I | WILLIAM W. ROADMAN & PAULA L. ROADMAN | 03-B34-56 |
| J | MENEELY IRREV. TRUST OF 7/22/16, LEE R. MENEELY & CLEA C. MENEELY, TRUSTEES | 03-B34-42 |
| K | MENEELY IRREV. TRUST OF 7/22/16, LEE R. MENEELY & CLEA C. MENEELY, TRUSTEES | 03-B34-41 |
| L | DELORIS A. PLESS & JAMIE RATTIGANMETALLA | 03-B34-40 |
| M | WILLIAM MATTHEW GADD & BARBARA ESTELLE GADD | 03-B34-39 |
| N | ERIC MAZZELLA | 03-B34-38 |
| O | COREY J. SCHIDEK & DARIAN A. SIGET | 03-B34-37 |
| P | COREY J. SCHIDEK & DARIAN A. SIGET | 03-B34-36 |
| Q | SIMON MATHEW MAZZELLA & MARTHA KAY MAZZELLA | 03-B34-21 |
| R | NANCY J. AMBROSE REVOCABLE TRUST | 03-B34-23 |
| S | BUFFALO CEMETERY | 03-B34-22 |
| T | JAMES C. INMAN, JR. & LAURA G. INMAN | 03-B34-19 |
| U | LEANN MISCH & BRIAN S. MISCH | 03-B34-12 |
| V | NANCY J. AMBROSE REV. TRUST | 03-B34-14 |
| W | DAVID RAGAN | 03-B34-15 |
| X | KEITH R. & KATHY J. SMITH | 03-B34-16 |
| Y | DAVID L. RAGAN | 03-B34-16.3 |
| Z | KEITH R. & KATHY J. SMITH | 03-B34-16.4 |
| AA | KEITH R. & KATHY J. SMITH | 03-B34-1.1 |
| BB | KEITH & KATHY SMITH | 03-B34-1 |
| CC | PARK & RECREATION COMMISSION | 03-B28-81 |
| DD | PARK & RECREATION COMMISSION | 03-B28-65 |
| EE | JOHN GABRIEL RADVANSKY | 03-B29J-07 |
| FF | GREGORY DEAN NIEMAN & LAUREL ANN NIEMAN | 03-B29J-22 |
| GG | RICHARD M. COPERICH & BELINDA A. COPERICH | 03-B29J-27 |
| HH | RICHARD M. COPERICH & BELINDA A. COPERICH | 03-B29J-26 |
| II | GREGORY P. STASIOSKI & TINA M. STASIOSKI | 03-B29J-51 |
| JJ | RICHARD M. COPERICH & BELINDA A. COPERICH | 03-B29J-52 |
| KK | RUSSELL D. HERVEY & BRITTANY HUKILL | 03-B29J-61 |
| LL | RUSSELL D. HERVEY & BRITTANY N. HUKILL | 03-B29J-62 |
| MM | RUSSELL HERVEY & BRITTANY N. HUKILL | 03-B29J-63 |
| NN | N. STEVE NIXON & JILL NIXON | 03-B29J-64 |
| OO | JOHN P. MCCONAUGHEY | 03-B29J-66 |
| PP | DISCHMOND SPURRIER & AMY EILEEN SPURRIER | 03-B29J-68 |
| QQ | DISCHMOND SPURRIER & AMY EILEEN SPURRIER | 03-B29K-13 |
| RR | JAMES A. CASTRO & LOUISE CASTRO | 03-B29K-14 |
| SS | JAMES A. CASTRO & LOUISE CASTRO | 03-B29K-15 |
| TT | KAREN DELATORE & LOUIS DELATORE | 03-B29K-16 |
| UU | KAREN DELATORE & LOUIS DELATORE | 03-B29K-17 |
| VV | DAVID L. RAGAN & JOYCE A. RAGAN | 03-B29K-18 |
| WW | JAMES STEWART & PAMELA STEWART | 03-B29K-19 |
| XX | JAMES H. STEWART & PAMELA J. STEWART | 03-B29K-20 |
| YY | MELANIE A. CECCHINI | 03-B29K-21 |

| ADJOINING OWNERS TABLE | | |
|------------------------|---|-----------------------|
| TRACT | SURFACE OWNER | TAX PARCEL |
| ZZ | PENNY FALBO | 03-B29K-22 |
| AAA | PENNY FALBO | 03-B29K-23 |
| BBB | CHARLES M. ROBERSON & DOROTHY ROBERSON | 03-B29K-24 |
| CCC | CHARLES M. & DOROTHY ROBERSON | 03-B29-5 |
| DDD | HAROLD S. SONDA & SHIRLEY J. SONDA | 03-B29-10 |
| EEE | NORMA ETOD CHIVERS & ALAN J. CHIVERS, ET AL | 03-B29-11 |
| FFF | NORMA ETOD CHIVERS & ALAN J. CHIVERS, ET AL | 03-B29-12 |
| GGG | HARRY E. SANFORD & CHATMAN L. NEELY | 03-B29-16 |
| HHH | WASHINGTON PIKE PUBLIC SERVICE | 03-B29-17 |
| III | HARRY E. SANFORD & CHATMAN L. NEELY | 03-B34-02 |
| JJJ | CHRISTOPHER J. PAULL & MARY E. PAULL | 03-B34-03 |
| KKK | GERALD L. HENWOOD & KELLIE J. HENWOOD | 03-B34-7.12 |
| LLL | GERALD L. HENWOOD & KELLIE J. HENWOOD | 03-B34-7.10 |
| MMM | REGINA LINDSEY-LYNCH, TR. OF REGINA LINDSEY-LYNCH REV TR. AGREEMENT | 03-B34-7.9 |
| NNN | REGINA LINDSEY-LYNCH, TR. OF REGINA LINDSEY-LYNCH REV TR. AGREEMENT | 03-B34-7.7 |
| OOO | GARY D. THOMAS, TRESA A. THOMAS & ANDREW THOMAS | 03-B34-7.8 |
| PPP | GARY D. THOMAS, TRESA A. THOMAS & ANDREW THOMAS | 03-B34-7.4 |
| QQQ | CHRISTOPHER D. MOCKBEE & JOY R. MOCKBEE | 03-B34-08 |
| RRR | MATTHEW D. MATTESON & AMY R. MATTESON | 03-B34-7.1 |
| SSS | RICKY G. LOUDIN & PATRICIA A. LOUDIN | 03-B34-09 |
| TTT | BRANDON C. PORCO & THERESA R. PORCO | 03-B34-7.2 |
| UUU | BRANDON C. PORCO & THERESA R. PORCO | 03-B34-7.11 |
| VVV | FREDERICK L. HANNAHS | 03-B34-70 |
| WWW | RICHARD L. SONDA & HAROLD SONDA | 03-B34-69 |
| XXX | KENNETH RIDGS | 03-B34-10.1 |
| YYY | SHIRLEY WINTERS | 03-B34-68 |
| ZZZ | MARY L. SHEERAN, BEVERLY CUCARESE CRAFT & MARLA COOPER | 03-B34-67 |
| AAAA | HALCIE D. DURBIN & DEBORAH K. DURBIN | 03-B34-65 |
| BBBB | KENNETH W. DIGHT & BRENDA DIGHT | 03-B34-63 |
| CCCC | KENNETH W. DIGHT & BRENDA D. DIGHT | 03-B34-62 |
| DDDD | WILLIAM C. VAN CAMP & MARIE C. VAN CAMP | 03-B34-27 |
| EEEE | GEORGE T. KANSAS & EDITH J. KANSAS | 03-B34-28 |
| FFF | GEORGE T. KANSAS & EDITH J. KANSAS | 03-B34-29 |
| GGGG | DEBORAH L. MOSER | 03-B34-26 |
| HHHH | CHERYL V. MIELKE | 03-B34-25 |
| III | MARY K. MILLER | 03-B34-30 |
| JUUJ | WILLIAM J. WALES & MARSHA E. WALES | 03-B34-57.2 |
| KKKK | BOWNDREE II INC. | 03-B34-66 |
| LLLL | BOWNLEE LAND VENTURES LP | 370-011-00-00-0004-00 |
| MMMM | JOHN MULLINS JR. | 370-011-00-00-0003-01 |
| NNNN | WM. HRIBAL ET UX | 370-011-00-00-0003-00 |
| OOOO | STEPHEN S. GRIZZEL | 03-B34-58 |
| PPPP | ANDREA BROWNLEE | 370-012-00-00-0001-00 |

| | | |
|---|--|--|
| REVISIONS: Δ REVISED TVD, TMD & LEG LENGTH 07-10-2019 | COMPANY:  Production Company, LLC |  Production Company™ |
| | OPERATOR'S MARGARET CORBIN BRK | API# |
| | WELL #: 47-001-00281 3H | 47-009-00281 |
| | DISTRICT: BUFFALO | COUNTY: BROOKE |
| | | STATE: WV |
| | | DATE: 03-06-2019 |
| | | DRAWN BY: N. MAND |
| | | SCALE: N/A |
| | | DRAWING NO: WELL LOCATION PLAT 3 |