

Latitude: 39°50'00" (SHL)

SURFACE HOLE 6825'

BOTTOM HOLE 10980'

Latitude: 39°47'30" (BHL)

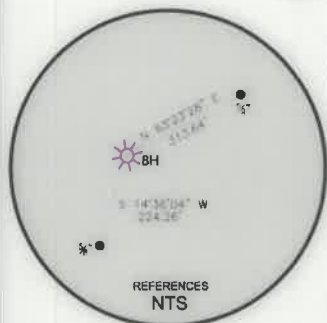


CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 600 MARKETPLACE AVENUE, SUITE 200 BRIDGEPORT, WV 26330 304-933-3119

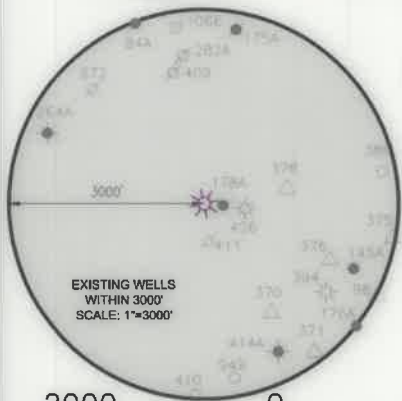
SWN PRODUCTION COMPANY, LLC "CHARLES JAMISON MSH 8H" SURFACE HOLE



| |
|---|
| SURFACE HOLE LOCATION (SHL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,404,732.622 |
| EASTING: 533,594.914 |
| LANDING POINT LOCATION (LPL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,405,130.417 |
| EASTING: 533,346.227 |
| BOTTOM HOLE LOCATION (BHL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,401,015.179 |
| EASTING: 535,915.437 |
| PERMIT SURFACE HOLE LOCATION (SHL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,404,732.948 |
| EASTING: 533,594.591 |
| PERMIT LANDING POINT LOCATION (LPL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,405,132.054 |
| EASTING: 533,348.077 |
| PERMIT BOTTOM HOLE LOCATION (BHL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,401,015.405 |
| EASTING: 535,921.359 |



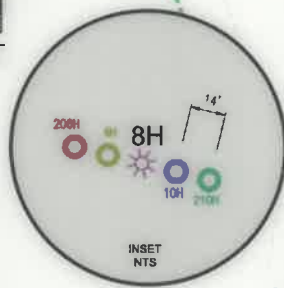
REFERENCES NTS



EXISTING WELLS WITHIN 3000' SCALE: 1"=3000'

2000 0 2000

GRAPHIC SCALE IN FEET



INSET NTS

WELL RESTRICTIONS

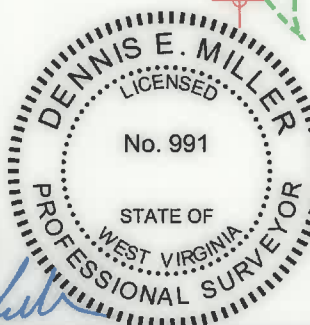
1. NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 625 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 600 FEET OF THE LIMITS 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.
3. 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. 991



AS-DRILLED

COMPANY: SWN SWN Production Company, LLC Production Company, LLC

| | | | | | |
|--|--|---|-----------------------|----------------|-----------|
| | (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS | MINIMUM DEGREE OF ACCURACY: 1/200 | CHARLES JAMISON MSH | | |
| | WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034 | PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT) | OPERATOR'S WELL #: 8H | API WELL #: 47 | 051 02127 |
| | | | STATE | COUNTY | PERMIT |

| | | | | | | | |
|---|----------------------------|--|---|---|---------------------|---------|---|
| WELL TYPE: OIL | WASTE DISPOSAL | PRODUCTION <input checked="" type="checkbox"/> | DEEP | GAS <input checked="" type="checkbox"/> | LIQUID INJECTION | STORAGE | SHALLOW <input checked="" type="checkbox"/> |
| WATERSHED: MAGGOTY RUN | DISTRICT: LIBERTY DISTRICT | COUNTY: MARSHALL | ELEVATION: 1335.0' | | QUADRANGLE: CAMERON | | |
| SURFACE OWNER: CHARLES AND JEAN JAMISON | | | ACREAGE: 97.2± | | ACREAGE: 97.2± | | |
| OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON | | | DRILL <input checked="" type="checkbox"/> | | DRILL DEEPER | | REDRILL |
| CONVERT | | PLUG & ABANDON | CLEAN OUT & REPLUG | OTHER CHANGE | (SPECIFY) ASDRILLED | | |
| TARGET FORMATION: MARCELLUS | | | ESTIMATED DEPTH: 7,253.63 TVD 24,014 TMD | | | | |

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

| | | | |
|---------|--|---|--|
| LEGEND: | <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 — ASDRILLED PATH — PROPOSED PATH | REVISIONS: DATE: 11-16-2020 DRAWN BY: K.E.S. SCALE: 1" = 2000' DRAWING NO: 170-426 WELL LOCATION PLAT |
|---------|--|---|--|

Longitude: 80°32'30" (BHL) Longitude: 80°35'00" (SHL) SURFACE HOLE 15099' BOTTOM HOLE 12156'



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 600 MARKETPLACE AVENUE, SUITE 200
 BRIDGEPORT, WV 26330
 304-933-3119

WELL BORE TABLE FOR SURFACE OWNERS

| TRACT | SURFACE OWNER | TAX PARCEL |
|-------|-------------------------------------|---------------|
| 1 | CHARLES AND JEAN JAMISON | 07-007-0006 |
| 2 | CONSOLIDATED COAL COMPANY | 07-007-0006.3 |
| 3 | GAIL ZWICK - LIFE | 07-007-0012 |
| 4 | TIMOTHY R. CAIN | 07-007-0006.1 |
| 5 | GAIL ZWICK - LIFE | 07-007-0014 |
| 6 | CO. RT. 23 ROW (CAMERON RIDGE ROAD) | |
| 7 | CONSOLIDATED COAL COMPANY | 07-010-0019 |
| 8 | GARY RAY DOBBS, ET UX | 07-010-0021 |
| 9 | HOWARD E. WILLIAMS | 07-010-0025.1 |
| 10 | NAOMI WILLIAMS STARKEY | 07-010-0025 |
| 11 | RUSSELL ALLEN DOTSON JR, ET UX | 07-016-0031 |
| 12 | DONALD REX QUIGLEY, ET UX | 07-016-0033 |
| 13 | DAVID L. ELSON, ET UX | 07-016-0032 |
| 14 | CO. RT. 96 ROW | |
| 15 | DAVID L. ELSON, ET UX | 07-016-0034 |
| 16 | DONALD REX QUIGLEY, ET UX | 07-016-0036 |
| 17 | LILLIAN A. FERBY | 07-020-0021 |

ADJOINING OWNERS TABLE

| TRACT | SURFACE OWNER | TAX PARCEL |
|-------|----------------------------------|---------------|
| A | KENNETH WAYNE STEELE TRUST | 07-007-0008.1 |
| B | KENNETH WAYNE STEELE TRUST | 07-007-0011 |
| C | GAIL ZWICK - LIFE | 07-006-0008 |
| D | CONSOL MINING COMPANY LLC | 07-006-0010 |
| E | GAIL ZWICK - LIFE | 07-006-0012.1 |
| F | JACK R. BUZZARD, ET UX | 07-010-0020 |
| G | JACK R. BUZZARD, ET UX | 07-011-0001 |
| H | CONSOL COMPANY LLC | 07-011-0003 |
| I | SCOTT D. SHALAWAY, ET UX | 07-011-0004 |
| J | DONALD REX QUIGLEY, ET UX | 07-011-0005 |
| K | DONALD QUIGLEY, ET UX | 07-011-0017 |
| L | ANDREW MCCURDY, ET UX | 07-016-0036.2 |
| M | HINKLE FAMILY TRUST | 07-015-0001 |
| N | DONALD REX AND ELLEN QUIGLEY | 07-016-0036.1 |
| O | STEPHANIE L. WHITE | 07-016-0036.3 |
| P | TERRY A. AND DONNA L. BONAR | 07-016-0035 |
| Q | JAMES W. DEVER | 07-020-0022 |
| R | CLAUDE R. STEPHENS EST, ET AL | 07-020-0023 |
| S | AMMON A. BURLEY | 07-020-0024 |
| T | CONRAD M. BERISFORD, ET UX | 07-020-0020 |
| U | CONRAD M. BERISFORD, ET UX | 07-020-0019 |
| V | AMMON A. BURLEY | 07-020-0018 |
| W | WYATT A. MCCLURE | 07-020-0017 |
| X | ROBERT B. MCCLURE | 07-020-0013 |
| Y | JOHN E. RIGGS JR, ET UX | 07-016-0044 |
| Z | LOUIS S. MCCLELLAND EST | 07-016-0037 |
| AA | JOHN MATTHEW BUTLER | 07-016-0039 |
| BB | JEREMIAH N. AND ANDREA J. MAGERS | 07-016-0033.1 |
| CC | JOHN M. BUTLER | 07-016-0026.1 |
| DD | RUSSELL ALLEN DOTSON JR, ET UX | 07-016-0028 |
| EE | RALPH E. WILLIAMS | 07-016-0030 |
| FF | DELORSE A. HORNER - LIFE | 07-016-0023 |
| GG | GARY RAY DOBBS, ET AL | 07-010-0022 |
| HH | GARY RAY DOBBS, ET AL | 07-010-0018 |
| II | JEFFREY A. MURRAY | 07-010-0018.2 |
| JJ | CHARLES AND JEAN JAMISON | 07-007-0013 |
| KK | GARY RAY DOBBS, ET AL | 07-010-0017 |
| LL | CONSOL MINING COMPANY LLC | 07-007-0005.3 |
| MM | TIMOTHY R. CAIN | 07-007-0006.2 |
| NN | CONSOLIDATED COAL COMPANY | 07-007-0007 |
| OO | CONSOLIDATED COAL COMPANY | 07-007-0007.1 |

AS-DRILLED

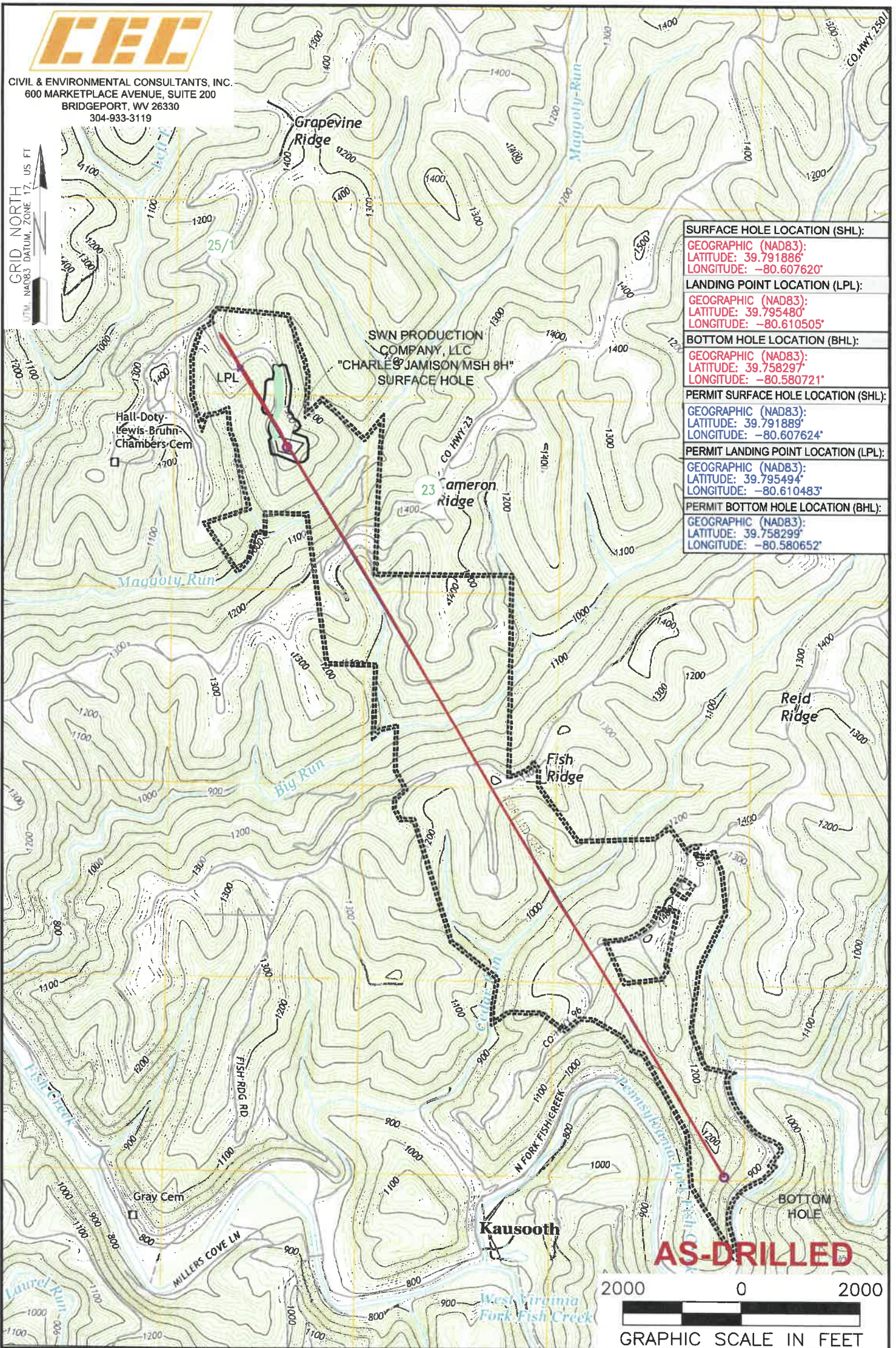
API WELL #: **47** **051** **02127**
 STATE COUNTY PERMIT

| | | | | |
|------------|------------------|----------|---------------------|----------------------|
| REVISIONS: | COMPANY: | | | |
| | OPERATOR'S | | CHARLES JAMISON MSH | |
| | WELL #: | | 8H | |
| | DISTRICT: | COUNTY: | STATE: | DATE: 11-16-2020 |
| | LIBERTY DISTRICT | MARSHALL | WV | DRAWN BY: K.E.S. |
| | | | | SCALE: N/A |
| | | | | DRAWING NO: 170-426 |
| | | | | WELL LOCATION PLAT 2 |



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 BRIDGEPORT, WV 26330
 304-933-3119

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



| |
|---|
| SURFACE HOLE LOCATION (SHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.791886° LONGITUDE: -80.607620° |
| LANDING POINT LOCATION (LPL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.795480° LONGITUDE: -80.610505° |
| BOTTOM HOLE LOCATION (BHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.758297° LONGITUDE: -80.580721° |
| PERMIT SURFACE HOLE LOCATION (SHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.791889° LONGITUDE: -80.607624° |
| PERMIT LANDING POINT LOCATION (LPL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.795494° LONGITUDE: -80.610483° |
| PERMIT BOTTOM HOLE LOCATION (BHL): |
| GEOGRAPHIC (NAD83): LATITUDE: 39.758299° LONGITUDE: -80.580652° |



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
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

| | | | |
|--|--|--------------------------------------|-------------------------|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | WELL (FARM) NAME: CHARLES JAMISON MSH | WELL # 8H | SERIAL # XXXX |
| ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201, MORGANTOWN, WV 26508 | COUNTY - CODE MARSHALL - 051 | DISTRICT; LIBERTY DISTRICT | |
| SURFACE OWNER: CHARLES AND JEAN JAMISON | USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV | | |