

Latitude: 39°45'00"

SURFACE HOLE 1496'

BOTTOM HOLE 10698'

JACKSON SURVEYING INC.

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

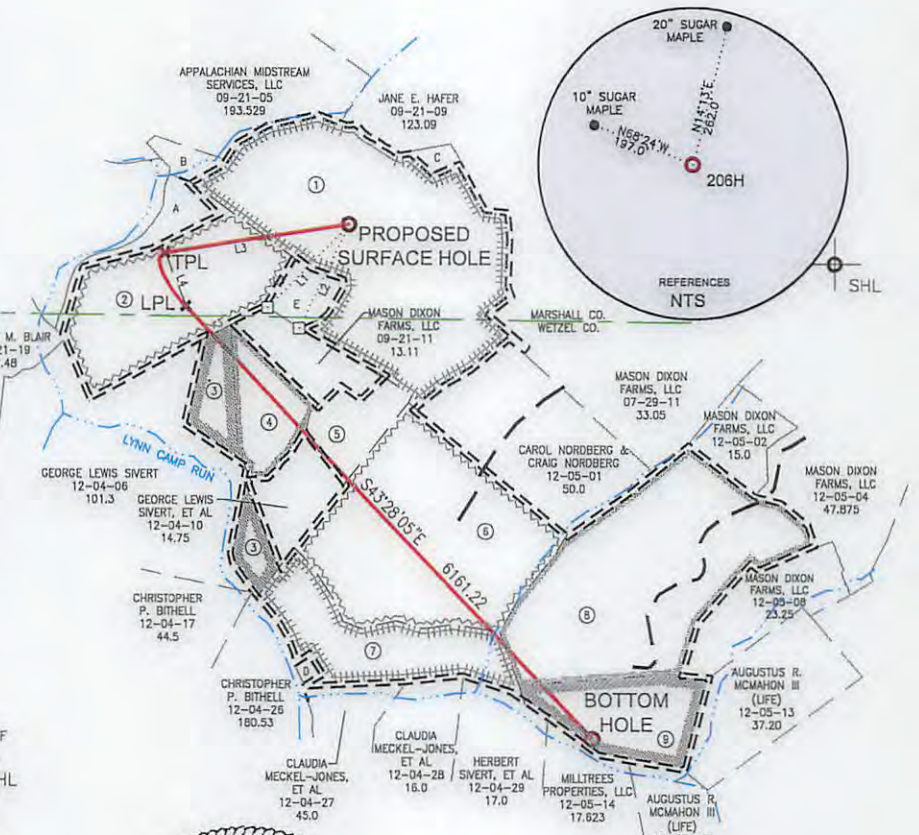
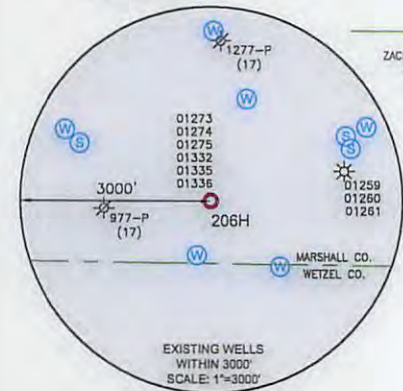
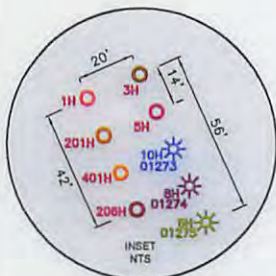
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| SURFACE HOLE LOCATION (SHL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,397,182.860 |
| EASTING: 528,111.572 |
| TURNING POINT LOCATION (TPL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,397,091.389 |
| EASTING: 527,524.148 |
| LANDING POINT (LPL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,396,922.387 |
| EASTING: 527,591.933 |
| BOTTOM HOLE LOCATION (BHL): |
| UTM (NAD83, ZONE 17, METERS): |
| NORTHING: 4,395,559.455 |
| EASTING: 528,883.867 |

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

| WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS | | | |
|--|---|------------|--------|
| TRACT | SURFACE OWNER (S) / ROYALTY OWNER (R) | TAX PARCEL | ACRES |
| 1 | A. MICHAEL WARYCK & DEBORAH ELLEN WARYCK (S) / CHARLES W. CAIN & PEARL CAIN (R) | 09-21-10 | 125.39 |
| SURFACE OWNER | | | |
| 2 | MASON DIXON FARMS, LLC (S) | 09-21-12 | 69.92 |
| 3 | HEIRS OF RHODA C. SVERT & CLEO M. SVERT (S) | 12-04-07 | 19.25 |
| 4 | SARAH V. RICHMOND (S) | 12-04-08 | 15.875 |
| 5 | PHILLIP WILEY (S) | 12-04-09 | 14.56 |
| 6 | CAROLYN I. MCCLELLAND (S) | 12-04-11 | 90.00 |
| 7 | JOHN STULGA (S) | 12-04-19 | 50.00 |
| 8 | MASON DIXON FARMS, LLC (S) | 12-05-07 | 110.00 |
| 9 | MASON DIXON FARMS, LLC (S) | 12-05-12 | 31.00 |

| ADJOINING OWNERS TABLE | | | |
|------------------------|---------------------------------------|------------|-------|
| TRACT | SURFACE OWNER | TAX PARCEL | ACRES |
| A | ZACHARY M. BLAIR | 09-21-13 | 11.00 |
| B | ZACHARY M. BLAIR | 09-21-14 | 3.00 |
| C | MASON DIXON FARMS, LLC | 09-21-22 | 1.80 |
| D | SCHOOL - 14 MILE | 12-04-18 | 0.50 |
| E | ANORAH C. SCHOSTAG & RYAN U. SCHOSTAG | 09-21-10.1 | 6.11 |

| LINE | BEARING | DISTANCE | DESCRIPTION | MONUMENT |
|------|---------------|----------|-----------------|--------------|
| L1 | S 44°30'25" W | 1226.21' | SHL TO LANDMARK | FOUND STONE |
| L2 | S 28°02'46" W | 1207.68' | SHL TO LANDMARK | FENCE CORNER |
| L3 | S 81°08'57" W | 1950.47' | SHL TO TPL | |
| LINE | BEARING | DISTANCE | CURVE LENGTH | DESCRIPTION |
| L4 | S 21°51'18" E | 597.41' | 669.83' | TPL TO LP |



WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
- WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- 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

- 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.
- ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.
- 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



2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY: **SWN** Production Company, LLC

SWN Production Company™

| | | |
|---|--|--|
| <p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p> | MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT) | COMPANY: ARTHUR WARYCK MSH OPERATOR'S WELL #: 206H API WELL #: 47 051 01923 STATE COUNTY PERMIT |
|---|--|--|

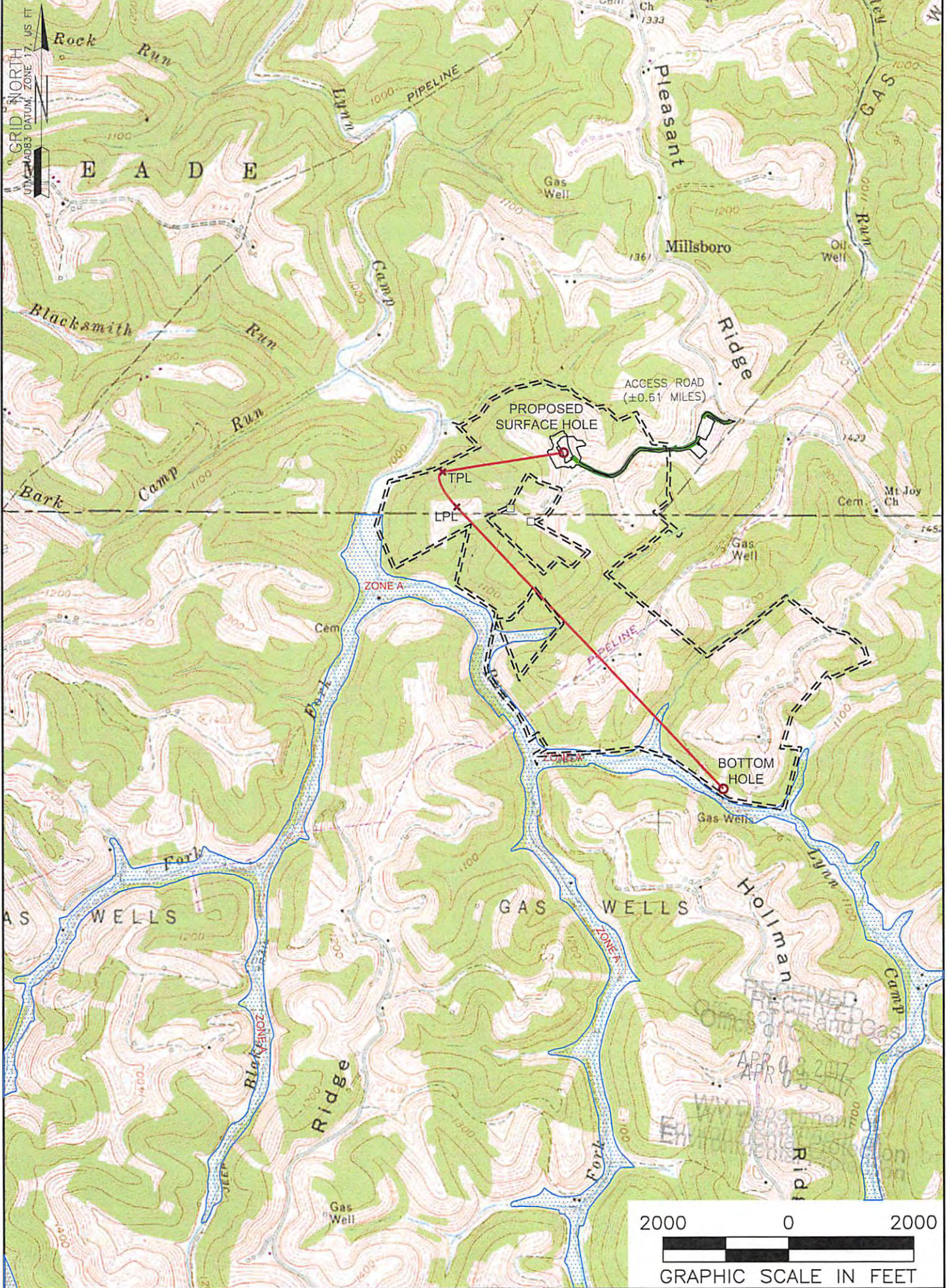
| | | |
|---|--|---|
| WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> | WATERSHED: LYNN CAMP RUN OF UPPER OHIO RIVER 2 | ELEVATION: 1326.36' |
| DISTRICT: MEADE | COUNTY: MARSHALL | QUADRANGLE: WILEYVILLE, WV |
| SURFACE OWNER: A. MICHAEL WARYCK & DEBORAH ELLEN WARYCK | | ACREAGE: ±125.39 |
| OIL & GAS ROYALTY OWNER: CHARLES W. CAIN & PEARL CAIN | | ACREAGE: ±125.39 |
| 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 checked="" type="checkbox"/> | CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY) | |
| TARGET FORMATION: MARCELLUS | | ESTIMATED DEPTH: 7,158' 06/09/2017 |

| | |
|--|--|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | DESIGNATED AGENT: DEE SOUTHALL |
| ADDRESS: P.O. BOX 1300 | ADDRESS: P.O. BOX 1300 |
| CITY: JANE LEW STATE: WV ZIP CODE: 26378 | CITY: JANE LEW STATE: WV ZIP CODE: 26378 |

| | |
|---|--|
| LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊕ EXISTING SPRING — SURVEYED BOUNDARY — DRILLING UNIT = LEASE BOUNDARY — PROPOSED PATH | REVISIONS: DATE: 03-30-2017 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT |
|---|--|

4705101923

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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

06/09/2017

| | | | |
|--|--|--------------------|----------|
| WELL OPERATOR: SWN PRODUCTION COMPANY, LLC | WELL (FARM) NAME: ARTHUR WARYCK MSH | WELL # 206H | SERIAL # |
| ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378 | COUNTY - CODE MARSHALL - 051 | DISTRICT; MEADE | |
| SURFACE OWNER: A. MICHAEL WARYCK & DEBORAH ELLEN WARYCK | USGS 7 1/2 QUADRANGLE MAP NAME WILEYVILLE, WV | | |