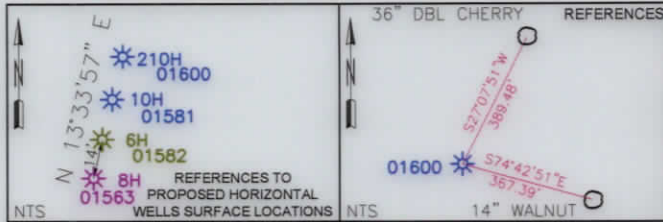


**JACKSON SURVEYING
INC.**

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



| | | |
|----------------------------------------|--|--|
| SURFACE HOLE LOCATION (SHL): | | |
| UTM (NAD83, ZONE 17, METERS): | | |
| NORTHING: 4,416,445.521 | | |
| EASTING: 538,125.883 | | |
| "LANDING POINT" LOCATION (LPL): | | |
| UTM (NAD83, ZONE 17, METERS): | | |
| NORTHING: 4,416,471.560 | | |
| EASTING: 538,736.246 | | |
| BOTTOM HOLE LOCATION (BHL): | | |
| UTM (NAD83, ZONE 17, METERS): | | |
| NORTHING: 4,414,452.381 | | |
| EASTING: 539,662.050 | | |

- A-GARY L. MITCHELL & MONA S. MITCHELL 4.258 AC. T.M. 15-12-08
- B-ROBERT WILLIAM BROWN 3.695 AC. T.M. 15-12-07
- C-CONSOL PENNSYLVANIA COAL COMPANY, LLC 4.643 AC. T.M. 15-12-06
- D-HELEN L. DOMAN 48.66 AC. T.M. 15-12-23
- F-WILLIAM B. SCHAFER ET AL 9.92 AC. T.M. 15-12-10.1
- F-MICHELLE P. NEELY 8.474 AC. T.M. 03-05-04.1
- G-STEVEN L. ROBINSON ET UX 9.4 AC. T.M. 03-05-05.1
- H-LINDA L. MCCrackEN 66.33 AC. T.M. 03-05-09
- I-MILTON E. & LINDA MCCrackEN 3.906 AC. T.M. 03-05-07
- J-MILTON E. & LINDA MCCrackEN 6.0 AC. T.M. 03-05-08

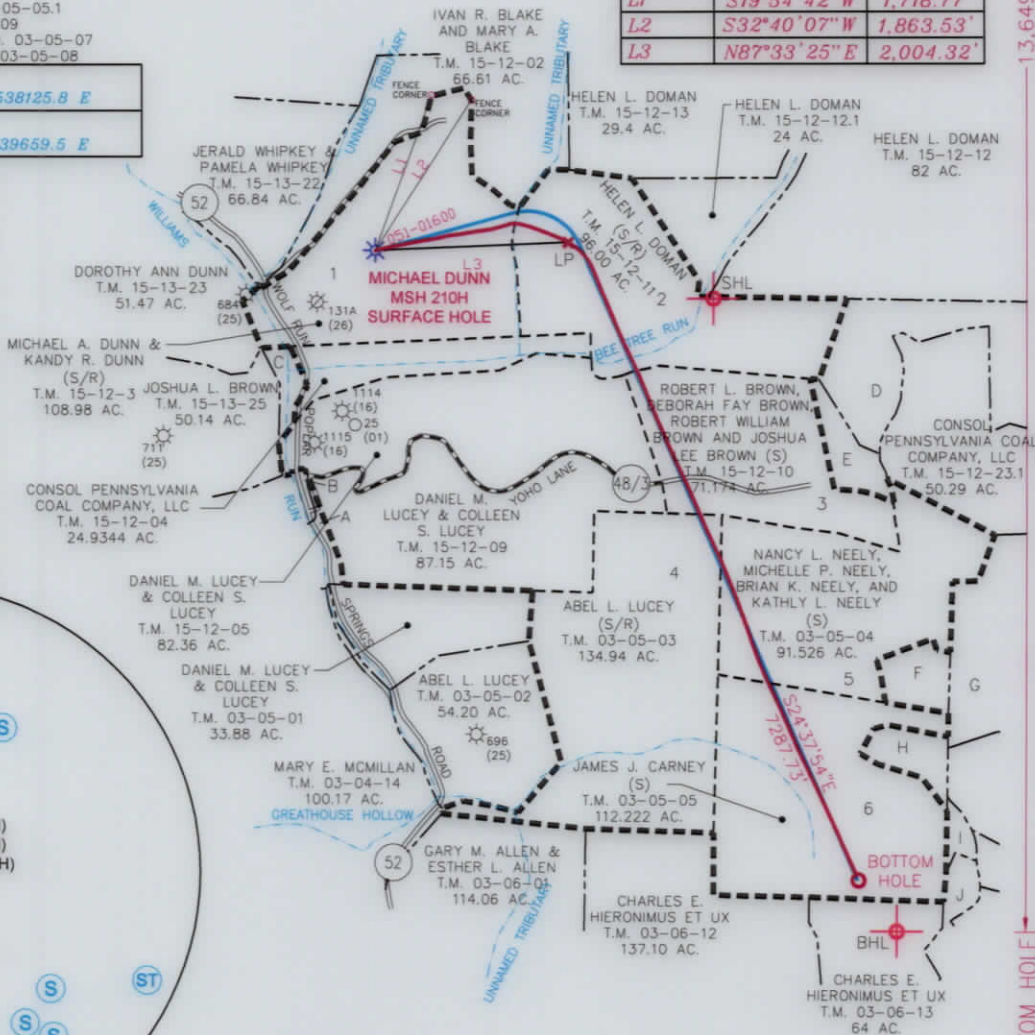
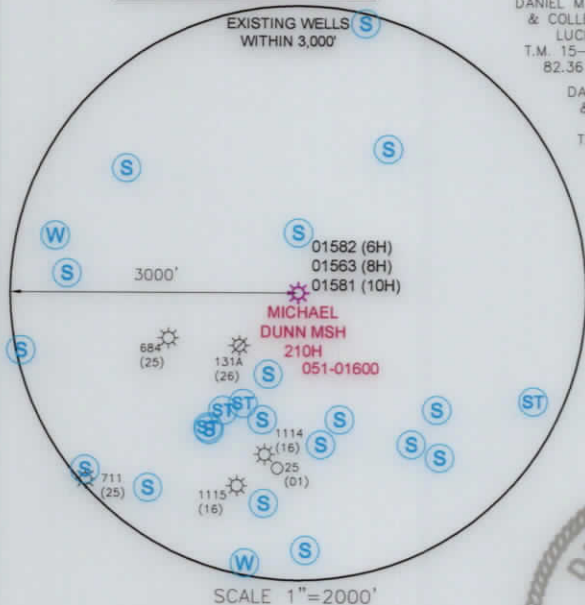
SURFACE HOLE LOCATION
UTM NAD 83 (METERS)-4416444.9 N, 538125.8 E
BOTTOM HOLE LOCATION
UTM NAD 83 (METERS)-4414451.4 N, 539659.5 E

| NUMBER | DIRECTION | DISTANCE |
|--------|-------------|-----------|
| L1 | S19°54'42"W | 1,718.77' |
| L2 | S32°40'07"W | 1,863.53' |
| L3 | N87°33'25"E | 2,004.32' |

LEGEND

- ASDRILLED LEG (RED TEXT)
- PERMIT LEG (BLUE LEG)
- WATERWELL (W)
- SPRING (S)
- STREAM (ST)
- SURFACE & ROYALTY OWNER (S/R)
- DIVISION LINES BETWEEN LEASE TRACTS
- ADJOINERS LINES SURFACE OWNER (S)

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



- NOTES ON SURVEY**
- NO DWELLINGS OR AGRICULTURAL BUILDINGS GREATER THAN 2,500 SQUARE FEET WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
 - ALL WELLS WITHIN 500' OF THE HORIZONTAL LEG ARE SHOWN ON THIS PLAT BASED UPON INFORMATION TAKEN FROM DEP MAPPING, WELL PLATS AND AERIAL PHOTOS.
 - COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.



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 Jackson*



(+) 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)

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

MICHAEL DUNN MSH
OPERATOR'S WELL #: 210H
API WELL #: 47 051 01600
STATE COUNTY PERMIT

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

WATERSHED: WILLIAMS RUN OF UPPER OHIO SOUTH ELEVATION: 1,258'

DISTRICT: WEBSTER COUNTY: MARSHALL QUADRANGLE: MAJORSVILLE

SURFACE OWNER: MICHAEL A. DUNN AND KANDY R. DUNN ACREAGE: 108.98

OIL & GAS ROYALTY OWNER: MICHAEL A. DUNN AND KANDY R. DUNN ACREAGE: 108.98

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

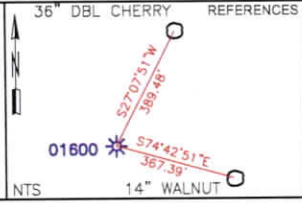
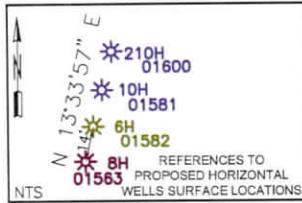
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) ASDRILLED **11/12/2021**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,833' TVD 12,987' TMD

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: | REVISIONS: | DATE: 07-12-2016 |
| ○ PROPOSED SURFACE HOLE / BOTTOM HOLE | | |
| ⊙ EXISTING / PRODUCING WELLHEAD | --- LEASE BOUNDARY | DRAWN BY: N. MANO |
| ⊘ ABANDONED WELL | --- PERMIT DHP | SCALE: 1" = 2000' |
| ⊗ PLUGGED & ABANDONED WELL | --- MARCELLUS DHP | DRAWING NO: |
| △ CUT CONDUCTOR | --- ABANDONED PATH | WELL LOCATION PLAT |

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

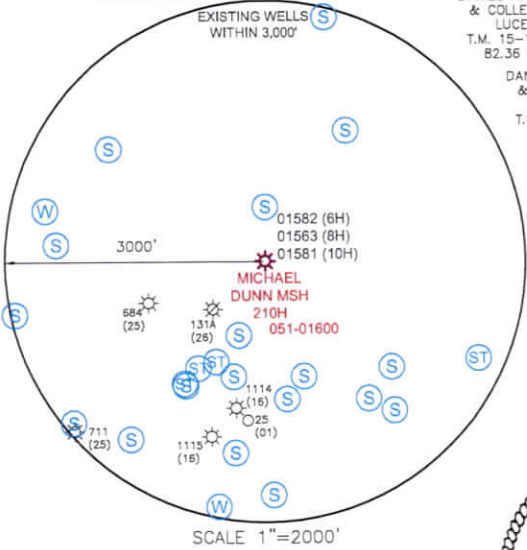
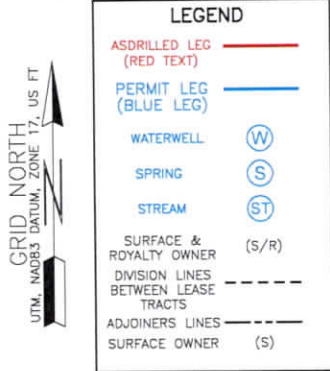


| SURFACE HOLE LOCATION (SHL): | | |
|---------------------------------|--|--|
| UTM (NAD83, ZONE 17, METERS): | | |
| NORTHING: 4,416,445.521 | | |
| EASTING: 538,125.883 | | |
| "LANDING POINT" LOCATION (LPL): | | |
| UTM (NAD83, ZONE 17, METERS): | | |
| NORTHING: 4,416,471.560 | | |
| EASTING: 538,736.246 | | |
| BOTTOM HOLE LOCATION (BHL): | | |
| UTM (NAD83, ZONE 17, METERS): | | |
| NORTHING: 4,414,452.381 | | |
| EASTING: 539,662.050 | | |

| NUMBER | DIRECTION | DISTANCE |
|--------|-------------|-----------|
| L1 | S19°54'42"W | 1,718.77' |
| L2 | S32°40'07"W | 1,863.53' |
| L3 | N87°33'25"E | 2,004.32' |

A-CARY L. MITCHELL & MONA S. MITCHELL 4.258 AC. T.M. 15-12-08
B-ROBERT WILLIAM BROWN 3.695 AC. T.M. 15-12-07
C-CONSOL PENNSYLVANIA COAL COMPANY, LLC 4.643 AC. T.M. 15-12-06
D-HELEN L. DOMAN 48.66 AC. T.M. 15-12-23
E-WILLIAM B. SCHAFER ET AL. 9.92 AC. T.M. 15-12-10.1
F-MICHELLE P. NEELY 8.474 AC. T.M. 03-05-04.1
G-STEVEN L. ROBINSON ET UX 9.4 AC. T.M. 03-05-05.1
H-LINDA L. MCCrackEN 66.33 AC. T.M. 03-05-09
I-MILTON E. & LINDA MCCrackEN 3.906 AC. T.M. 03-05-07
J-MILTON E. & LINDA MCCrackEN 6.0 AC. T.M. 03-05-08

SURFACE HOLE LOCATION
UTM NAD 83 (METERS)-4416444.9 N, 538125.8 E
BOTTOM HOLE LOCATION
UTM NAD 83 (METERS)-4414451.4 N, 539662.5 E



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*



NOTES ON SURVEY

- NO DWELLINGS OR AGRICULTURAL BUILDINGS GREATER THAN 2,500 SQUARE FEET WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- ALL WELLS WITHIN 500' OF THE HORIZONTAL LEG ARE SHOWN ON THIS PLAT BASED UPON INFORMATION TAKEN FROM DEP MAPPING, WELL PLATS AND AERIAL PHOTOS.
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.

PLAT SCALE 1"=2000'

COMPANY: **SWN** Production Company, LLC

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|
| <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 | MICHAEL DUNN MSH |
| | PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT) | OPERATOR'S WELL #: 210H |
| | API WELL #: 47 051 01600 | STATE COUNTY PERMIT |

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

WATERSHED: WILLIAMS RUN OF UPPER OHIO SOUTH ELEVATION: 1,258'

DISTRICT: WEBSTER COUNTY: MARSHALL QUADRANGLE: MAJORSVILLE

SURFACE OWNER: MICHAEL A. DUNN AND KANDY R. DUNN ACREAGE: 108.98

OIL & GAS ROYALTY OWNER: MICHAEL A. DUNN AND KANDY R. DUNN ACREAGE: 108.98

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,833' TVD 12,987' TMD

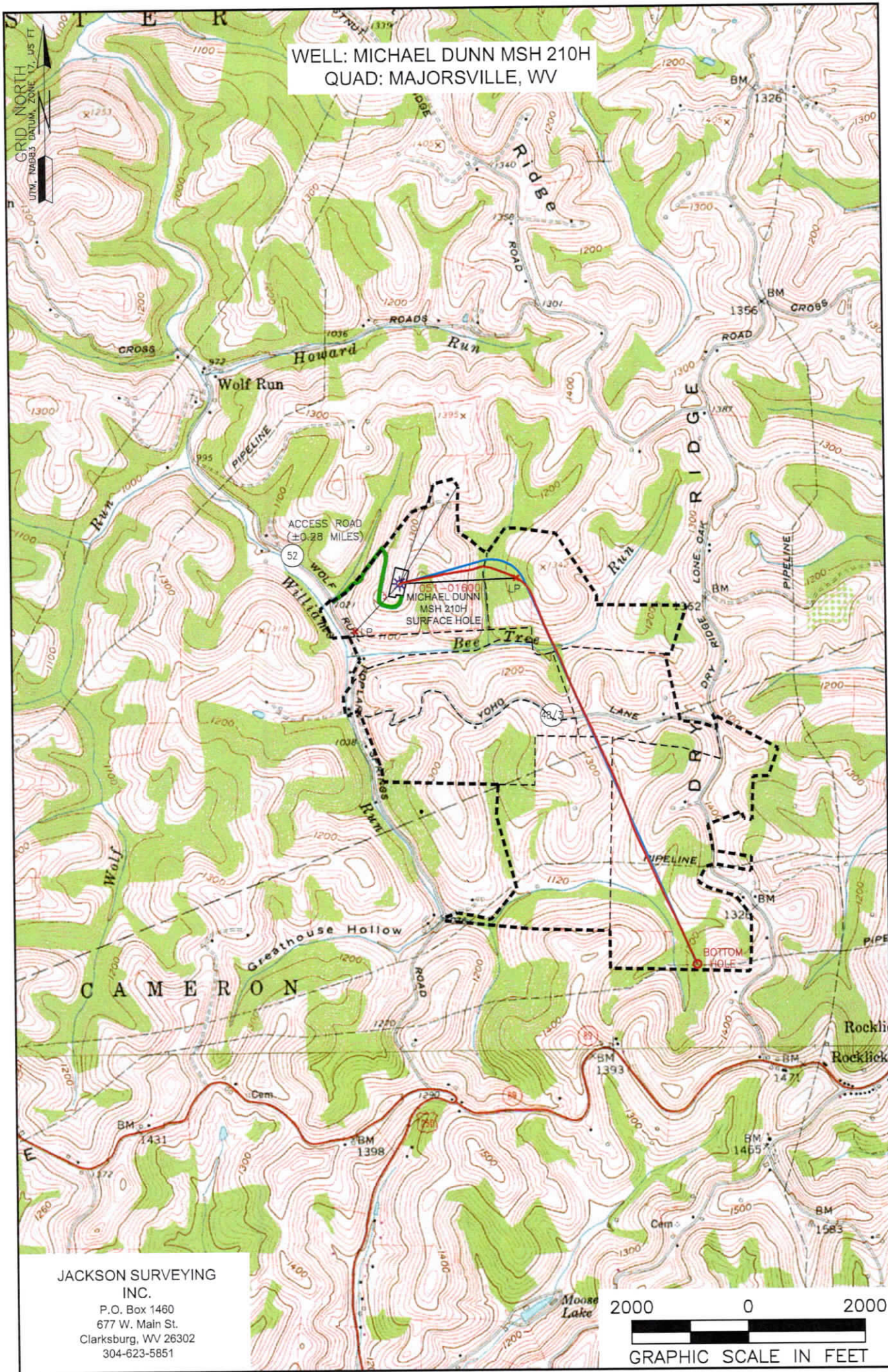
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL

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

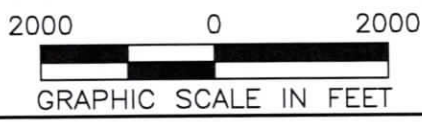
| LEGEND: | REVISIONS: | DATE: |
|---------------------------------------|--------------------|------------|
| ○ PROPOSED SURFACE HOLE / BOTTOM HOLE | | 07-12-2016 |
| ⊙ EXISTING / PRODUCING WELLHEAD | | |
| ⊘ ABANDONED WELL | --- LEASE BOUNDARY | |
| ⊙ PLUGGED & ABANDONED WELL | --- PERMIT DHP | |
| △ CUT CONDUCTOR | --- MARCELLUS DHP | |
| | --- ABANDONED PATH | |

\\D7W3HRL1\1-04-16 DJ\SWN\MICHAEL DUNN MSH\WELL PLAT\210H ASDRILLED\MICHAEL DUNN MSH 210H ASDRILLED 07-12-2016.DWG
TUESDAY JULY 12 2016 03:30PM
PROPERTY NUMBER 2501160326
PAD ID 3001155648



WELL: MICHAEL DUNN MSH 210H
 QUAD: MAJORSVILLE, WV

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



NOTE:
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF PROPOSED GAS WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.

LEGEND:
 - - - - - EXTERNAL BOUNDARY

| | | |
|-------------------------------------------------------------|-----------------------------------------------|---------------------|
| Applicant/Well Operator Name SWN PRODUCTION COMPANY, LLC | Well (Farm) Name MICHAEL DUNN MSH 210H | Well# 210H |
| Address PO BOX 1300 JANE LEW, WV 26378 | County MARSHALL | District WEBSTER |
| Surface Landowner/ Lessor MICHAEL A. DUNN ET UX | USGS 7 1/2 Quadrangle Map Name MAJORSVILLE | |

11/12/2021