

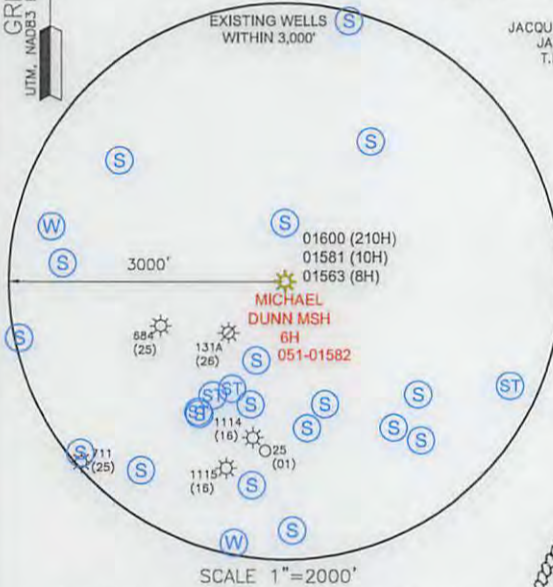
JACKSON SURVEYING
INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

A-EDWIN R. COOKE 15.17 AC. 03-04-13
B-GARY L. MITCHELL & MONA S. MITCHELL 4.258 AC. 15-12-08
C-ROBERT WILLIAM BROWN 3.695 AC. 15-12-07
D-CONSOL PENNSYLVANIA COAL COMPANY, LLC 4.643 AC. 15-12-06
E-CNX LAND LLC 3.879 AC. 3-6-02.1
F-CNX LAND LLC 9.288 AC. 3-6-02.2
G-CNX LAND LLC 15 AC. 3-6-03

SURFACE HOLE LOCATION
UTM NAD 83 (METERS)-4416436.6 N, 538123.8 E
BOTTOM HOLE LOCATION
UTM NAD 83 (METERS)-4414160.4 N, 538788.9 E

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



SCALE 1"=2000'

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:
1. NO DWELLINGS OR AGRICULTURAL BUILDINGS GREATER THAN 2,500 SQUARE FEET WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
3. 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.
4. 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

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

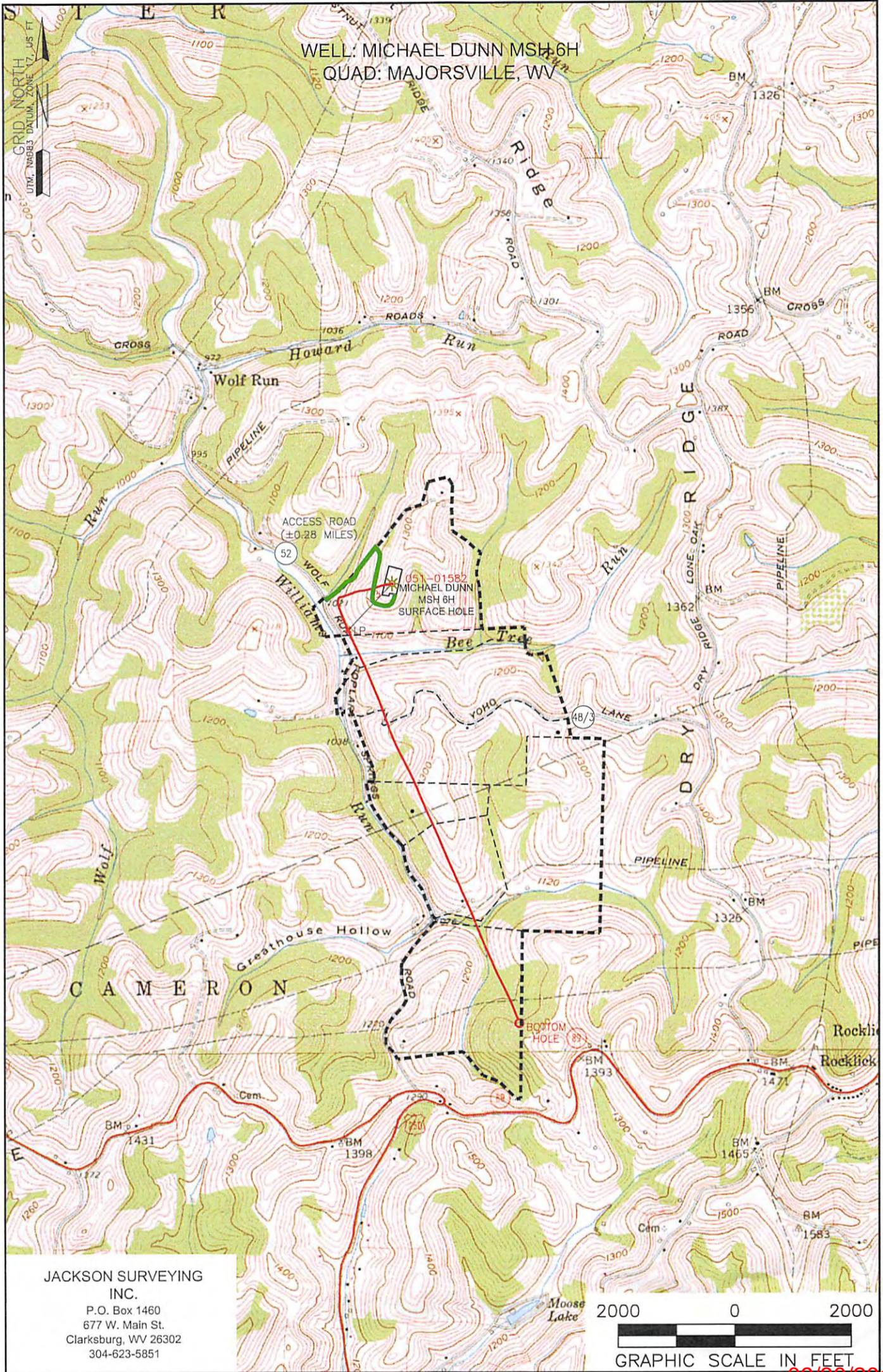
OPERATOR'S WELL #: MICHAEL DUNN MSH 6H
API WELL #: 47 051 01582F
STATE COUNTY PERMIT

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: 6,809' TVD 11,589' TVD

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
○ ABANDONED WELL
○ PLUGGED & ABANDONED WELL
○ CUT CONDUCTOR
--- LEASE BOUNDARY
--- PERMIT DHP
--- MARCELLUS DHP
--- ABANDONED PATH

REVISIONS:
DATE: 08-11-2016
DRAWN BY: N. MANO
SCALE: 1" = 2000'
DRAWING NO:
WELL LOCATION PLAT



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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:

--- LEASE BOUNDARY

09/30/2016

Applicant/Well Operator Name SWN PRODUCTION COMPANY, LLC	Well (Farm) Name MICHAEL DUNN MSH 6H	Well# 6H
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	