

Latitude: 39°45'00" (SH)

SURFACE HOLE 1,517'

JACKSON SURVEYING INC.

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

SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,397,194.539
EASTING: 528,105.001

LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,397,037.242
EASTING: 527,582.018

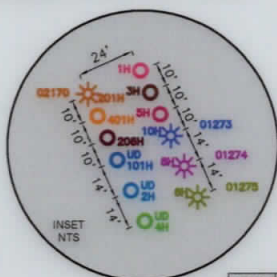
BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,399,046.283
EASTING: 525,353.051

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

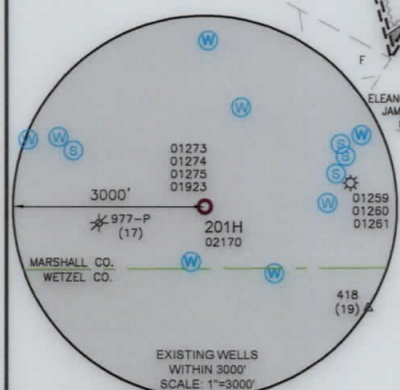
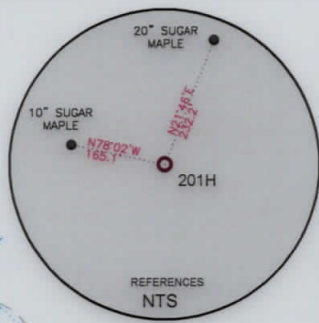
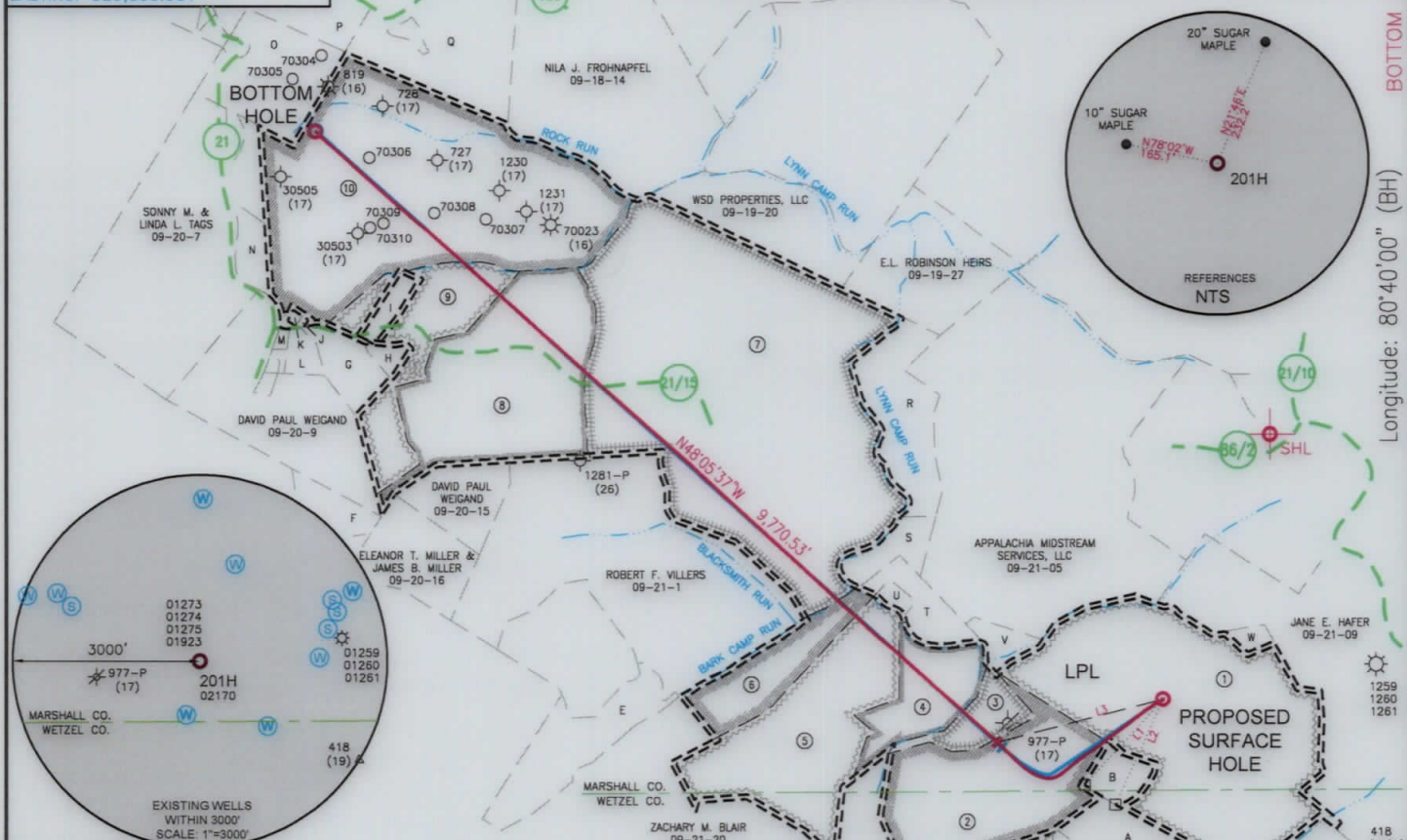
Latitude: 39°45'00" (BH)

BOTTOM HOLE 10536'



SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,397,194.539
EASTING:	528,104.953
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,397,054.916
EASTING:	527,566.425
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,399,044.011
EASTING:	525,350.040

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 42°32'54" W	1,239.04'	SHL TO LANDMARK	FOUND STONE
L2	S 24°21'28" W	1,233.10'	SHL TO LANDMARK	FENCE CORNER
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 75°27'54" W	1,825.24'	2,187.52'	SHL TO LP



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 250 FEET OF PROPOSED WELL.
4. 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 OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

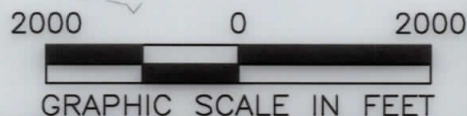
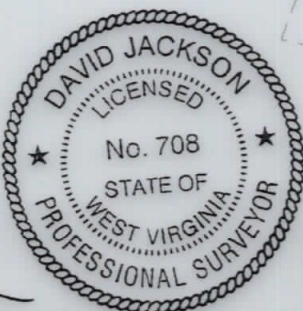
NOTES ON SURVEY

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. 708

David L Jackson



COMPANY: **SWN** Production Company, LLC

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: 201H
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	API WELL #: 47 051 02170 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 FISH CREEK (HUC-10)	ELEVATION: 1325.6'
DISTRICT: MEADE COUNTY: MARSHALL	SURFACE OWNER: A. MICHAEL WARYCK & DEBORAH ELLEN WARYCK	QUADRANGLE: WILEYVILLE, WV
OIL & GAS ROYALTY OWNER: CHARLES W. CAIN & PEARL CAIN	ACREAGE: ±125.39	ACREAGE: ±125.39
DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>	CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED	TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,118 TVD 17,522 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: 03-24-2020
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	Δ ADDED API # & AS-DRILLED 06-09-2020	
⊙ EXISTING / PRODUCING WELLHEAD		
LPL * LANDING POINT LOCATION		
⊙ EXISTING WATER WELL		
⊙ EXISTING SPRING		
— SURVEYED BOUNDARY		
— DRILLING UNIT		
— LEASE BOUNDARY		
— ASDRILLED PATH		
— PROPOSED PATH		
		DRAWN BY: N. MANO
		SCALE: 1" = 2000'
		DRAWING NO:
		WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	A. MICHAEL WARYCK & DEBORAH ELLEN WARYCK (S) / CHARLES W. CAIN & PEARL CAIN (R)	09-21-10
TRACT	SURFACE OWNER	TAX PARCEL
2	MASON DIXON FARMS, LLC (S)	09-21-12
3	ZACHARY M. BLAIR (S)	09-21-13
4	ZACHARY M. BLAIR (S)	09-21-15
5	ZACHARY M. BLAIR (S)	09-21-19
6	ZACHARY M. BLAIR (S)	09-21-18
7	ROSELAND PROPERTY, LLC (S)	09-21-2
8	MARY JOSEPHINE NICE (S)	09-20-13
9	DAVID PAUL WEIGAND (S)	09-20-12.1
10	PATRICK A. FROHNAPFEL & LISA A. FROHNAPFEL (S)	09-20-11

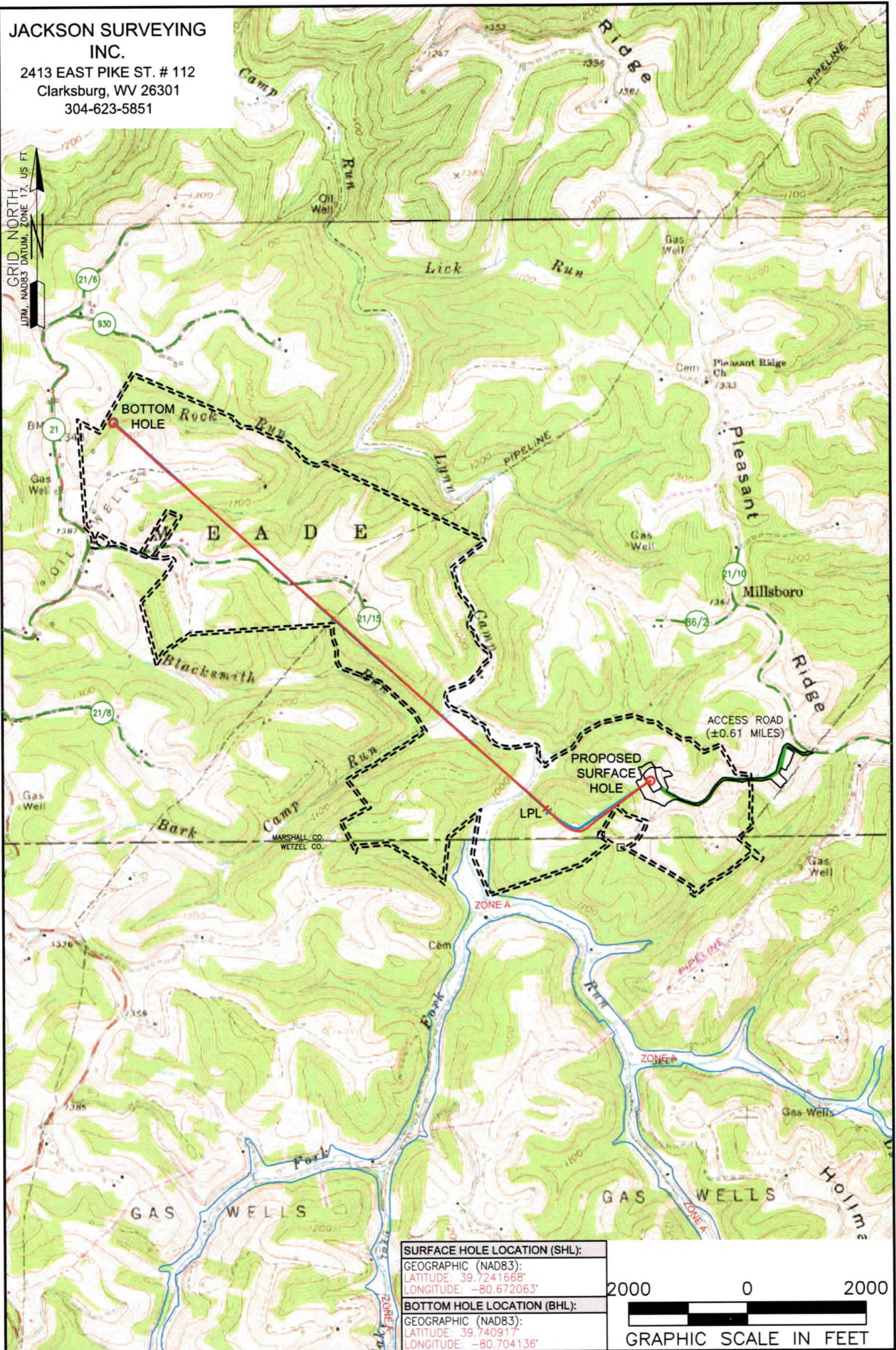
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MASON DIXON FARMS, LLC	09-21-11
B	ANORAH C. SCHOSTAG & RYAN U. SCHOSTAG	09-21-10.1
C	SARAH V. RICHMOND	12-04-08
D	RHODA C. SIVERT & CLEO M. SIVERT	12-04-07
E	KIMBERLY C. HOFFMAN & PAUL G. FOX	09-21-21
F	DAVID P. WEIGAND	09-20-17.5
G	ELEANOR T. MILLER & JAMES B. MILLER	09-20-8
H	JOHN G. WEIGAND JR. & MARILYN S. WEIGAND	09-20-12.2
I	ELEANOR T. MILLER & JAMES B. MILLER	09-20-12
J	ELEANOR T. MILLER & JAMES B. MILLER	09-20-9.2
K	ELEANOR T. MILLER & JAMES B. MILLER	09-20-9.1
L	JAMES MILLER ET UX	09-20-9.6
M	JAMES MILLER ET UX	09-20-9.5
N	DAVID PAUL FROHNAPFEL	09-20-7.1
O	KEITH A. FERRELL ET UX	09-18-15
P	ROBERT F. VILLERS	09-18-16
Q	CLEMENT E. FROHNAPFEL & BRENDA L. FROHNAPFEL	09-18-13
R	APPALACHIA MIDSTREAM SERVICES, LLC	09-21-3
S	ZACHARY M. BLAIR	09-21-4
T	ZACHARY M. BLAIR	09-21-16
U	ZACHARY M. BLAIR	09-21-17
V	ZACHARY M. BLAIR	09-21-14
W	MASON DIXON FARMS, LLC	09-21-22

REVISIONS:	COMPANY:			DATE: 03-24-2020
△ ADDED API # & AS-DRILLED 06-09-2020				DRAWN BY: N. MANO
	OPERATOR'S ARTHUR WARYCK MSH	API # 47-051-02170	SCALE: N/A	
	WELL #: 201H	DISTRICT: MEADE	DRAWING NO:	
	COUNTY: MARSHALL	STATE: WV	WELL LOCATION PLAT 2	

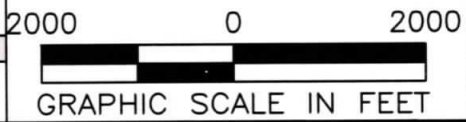
**JACKSON SURVEYING
INC.**

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

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.7241668°
LONGITUDE: -80.672063°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.740917°
LONGITUDE: -80.704136°



NOTES ON SURVEY

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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: ARTHUR WARYCK MSH	WELL # 201H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; MEADE	
SURFACE OWNER: ARTHUR L. WARYCK	USGS 7 1/2 QUADRANGLE MAP NAME WILEYVILLE, WV API # 47-051-02170		