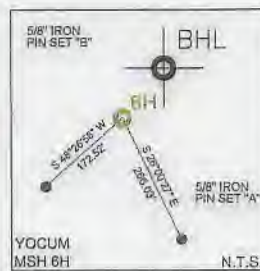
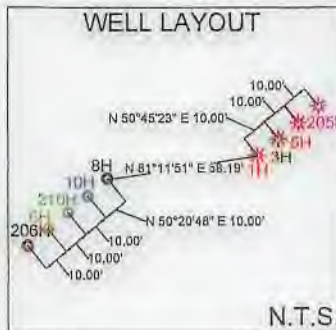
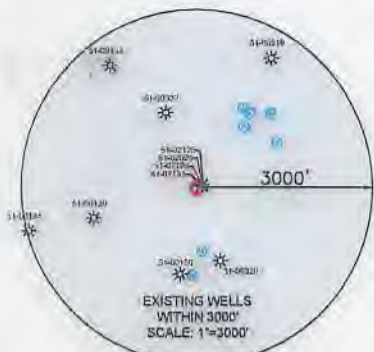


LATITUDE: 39°45' SURFACE HOLE (2000' SCALE) 118'

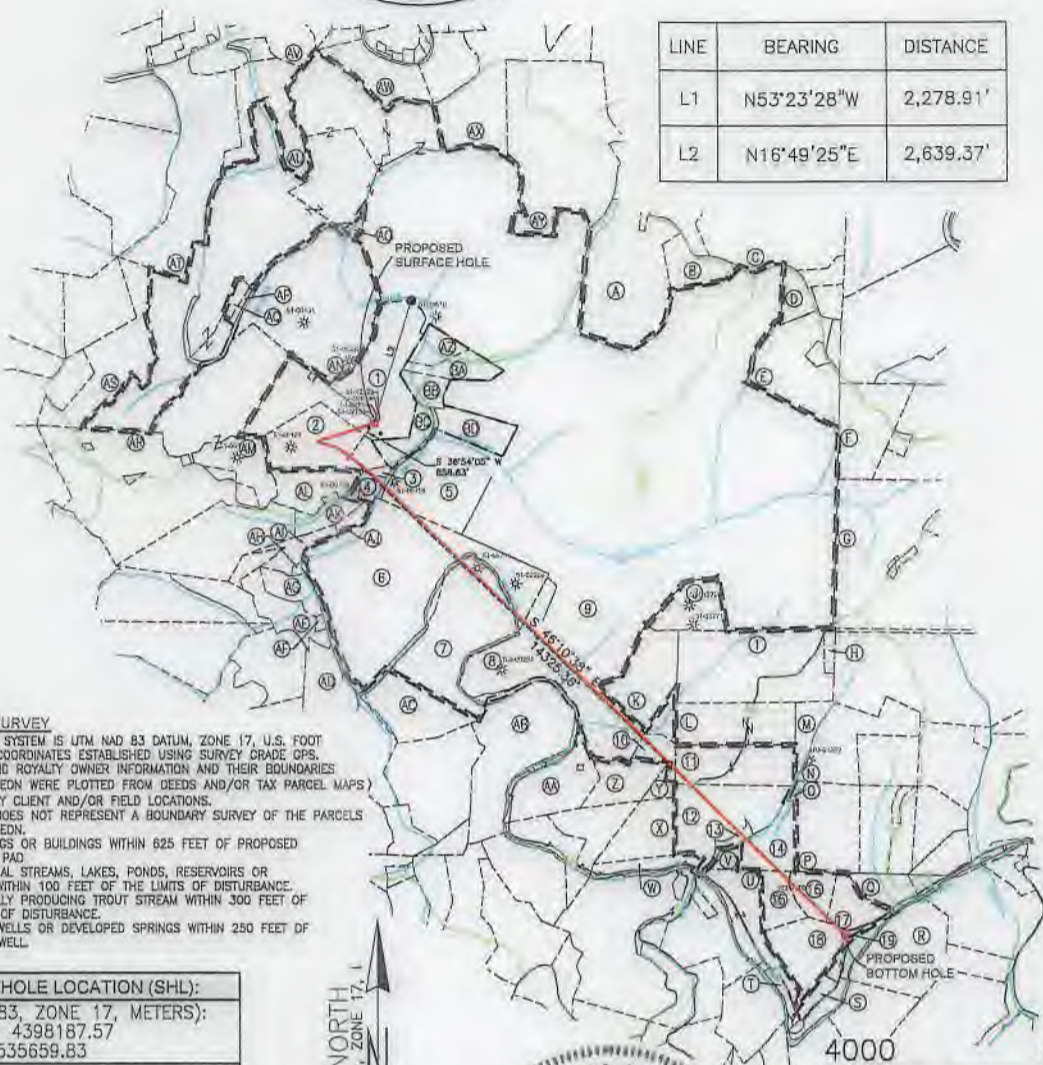
LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE) 1857'



68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



LINE	BEARING	DISTANCE
L1	N53°23'28\"W	2,278.91'
L2	N16°49'25\"E	2,639.37'



NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- 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.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4398187.57 EASTING: 535659.83
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4397973.78 EASTING: 535503.95
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4395004.38 EASTING: 538703.25

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.E. 19609



COMPANY: **SWN** Production Company, LLC

<p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: YOCUM MSH 6H API WELL #: 47 STATE 051 COUNTY 02463 PERMIT
---------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1052.6'

DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: LITTLETON, WV

SURFACE OWNER: JOSEPH LEE AND MICHAEL D. YOCUM ACREAGE: ±97.07

OIL & GAS ROYALTY OWNER: JOSEPH LEE AND MICHAEL D. YOCUM ACREAGE: ±97.07

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

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,285' TVD 21,979' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION (W) EXISTING WATER WELL (S) EXISTING SPRING — NATURAL WATERWAY — SURVEYED BOUNDARY = LEASE BOUNDARY — PROPOSED PATH — PUBLIC ROAD	REVISIONS: DATE: 06-09-2022 API NO: 47-051-XXXXX DRAWN BY: R. GRIMES SCALE: 1" = 4000' DRAWING NO: 2017-154 WELL LOCATION PLAT
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------



LONGITUDE: 80°32'30" BOTTOM HOLE (2000' SCALE)
 LONGITUDE: 80°35' SURFACE HOLE (2000' SCALE)

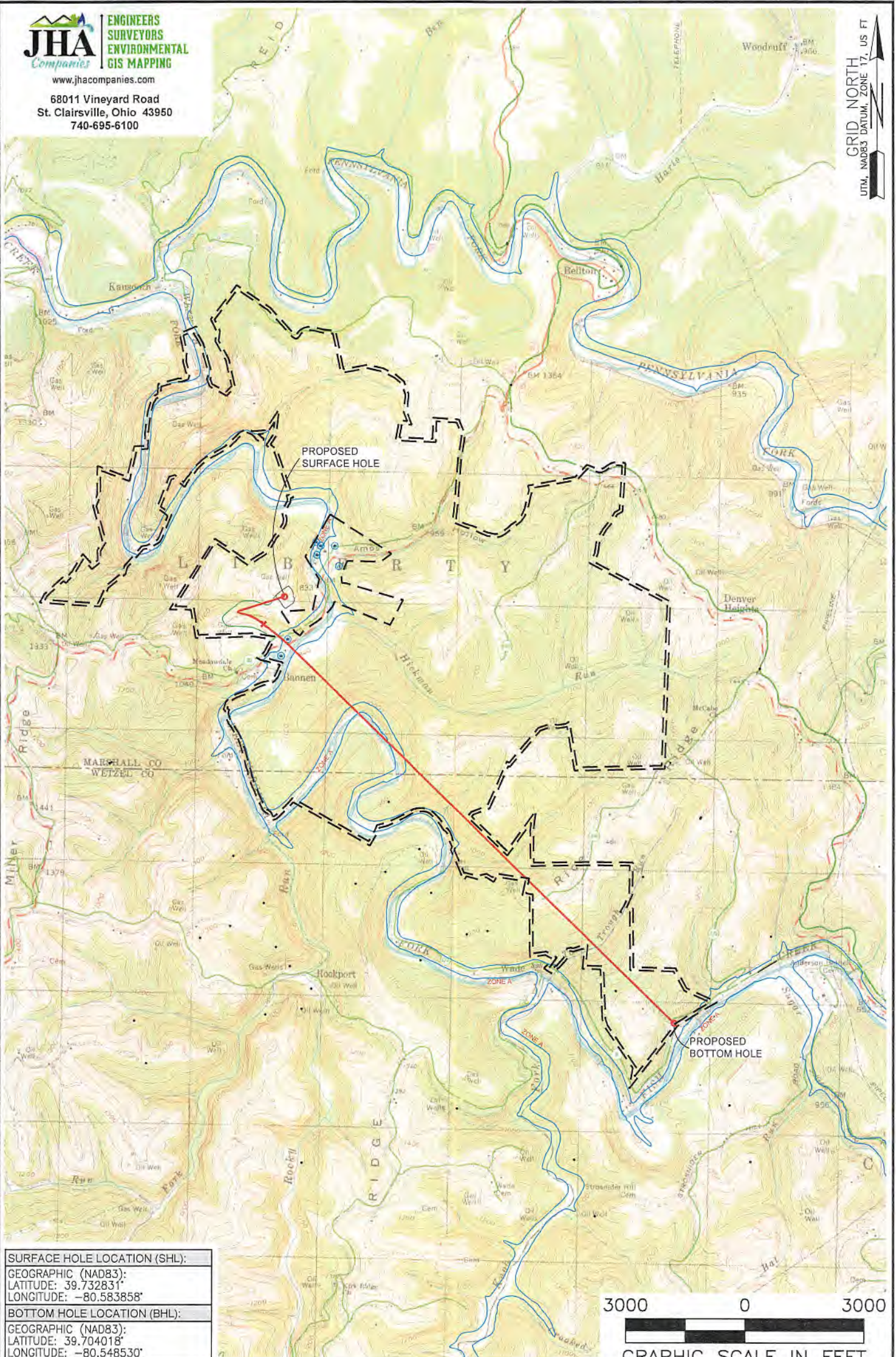
WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
TRACT	SURFACE OWNER	TAX PARCEL
2	YOCUM JOSEPH LEE & MICHAEL D	7-27-4
3	YOCUM JOSEPH LEE & MICHAEL D	7-27-4.1
4	HIGH PHILIP D	7-27-8
5	VELLEKOOP PETER B ET UX - TOD	7-27-11
6	VELLEKOOP PETER B ET UX - TOD	7-27-13
7	WV STATE COMMERCE BUREAU OF	1-2-6
8	SEIDLER EARL DALE & NETTIE	1-2-6.1
9	W VA WILDLIFE RESOURCES SECTION	7-24-1
10	CONSOLIDATED GAS TRANSMISSION	1-3-5
11	WILLIAMS JOHN EDWARD	1-3-8
12	MCGUFFIE ARCH	1-6-5
13	MILLIKEN KEVIN R ETAL	1-6-6
14	MILLIKEN KEVIN R ETAL	3-1-8
15	PHILLIPS JR CHARLES R	3-1-22
16	CONSOLIDATED GAS TRANS CORP	3-1-21
17	CONSOLIDATED GAS TRANS CORP	3-1-20
18	CONSOLIDATED GAS TRANSMISSION	3-1-29
19	CONSOLIDATED GAS TRANSMISSION	3-1-31

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	GRESHAW JASON M & MARY L	7-25-2
B	BROWN ANDREW C III	7-25-6
C	HARRINGTON CLYDE F	7-25-7
D	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	7-25-9
E	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	7-25-12
F	CONAWAY THOMAS E	7-23-1
G	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
H	LONG LONNY DAVID & LINDA SUE	1-3-2.1
I	ABEREGG D W EST & ABEREGG	1-3-2
J	WADE MICHAEL CLAY & MCCLELLAND LAWRENCE W - TOD ET AL	7-24-6
K	WILLIAMS KATHERINE E TRUST	1-3-1
L	WILLIAMS LONNIE L	1-3-7
M	JOHNSON VERNON S EST	3-1-1
N	DRAHEIM HERBERT P ET AL	3-1-6
O	CBC HOLDINGS LLC	3-1-8.1
P	DRAHEIM GARY W JR ETAL	3-1-9
Q	CONSOLIDATED GAS TRANS CORP	3-1-19
R	CONSOLIDATED GAS TRANSMISSION	3-1-32
S	CONSOLIDATED GAS TRANS CORP	3-1-30
T	CONSOLIDATED GAS TRANS CORP	3-1-28
U	S&R INVESTMENTS	3-1-23
V	CONSOLIDATED GAS TRANS CORP	3-1-7
W	BERRY LAWRENCE C & DOROTHY J	1-6-8
X	WILLIAMS JOHN E HRS	1-6-4
Y	UNKNOWN	UNKKNOWN
Z	BLACKROCK ENTERPRISES LLC	1-6-1
AA	SEIDLER E DALE & NETTIE L	1-5-10
AB	SEIDLER E DALE & NETTIE L	1-2-6.2
AC	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
AD	BALTZ WM TR OF VH & F CLUB	1-2-5.1
AE	FERDA BRIAN T ET UX	7-27-15
AF	FITZSIMMONS SCOTT M ET AL	7-27-14
AG	FERDA BRIAN T ET UX	7-27-16
AH	FERDA BRIAN T ET UX	7-27-16.1
AI	GEHO ANNIE L EST	7-27-21
AJ	BURGE DELORES E ET AL	7-27-10
AK	OCHSENBEIN RICHARD L	7-27-9
AL	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
AM	HORNER DELORSE A	7-26-10
AN	CONSOLIDATED GAS SUPPLY CORP	7-26-8
AO	BUZZARD COLIN R	7-26-3
AP	BUTLER JOHN M & LISA A	7-26-11.1
AQ	HUNDRED RESOURCES INC	7-26-11
AR	RIGGS JOHN E JR & DELANA	7-27-2
AS	MORGAN JAMES E - LIFE	7-26-14
AT	GRIFFEN M PEGGY REVOCABLE LIVING TRUST	7-19-28
AU	FROMHART BRAD ET UX - LIFE	7-20-41
AV	UNDERDONK ALAN	7-16-25.1
AW	BURLEY AMMON ET UX	7-20-12
AX	BURLEY AMMON A	7-20-24
AY	BURLEY AMON A	7-20-37
AZ	GEDEON DANIEL D ET UX	7-26-6
BA	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
BB	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
BC	STIPETICH SUSAN F & FRANK R	7-27-4.2
BD	VELLEKOOP PETER B ET UX - TOD	7-27-10.1

09/02/2022

REVISIONS:	 	
	COMPANY:	
	OPERATOR'S	YOCUM MSH
	WELL #:	47-051-02463 6H
	DISTRICT:	LIBERTY
	COUNTY:	MARSHALL
	STATE:	WV
		DATE: 06-09-2022
		API NO: 47-051-XXXXX
		DRAWN BY: R. GRIMES
		SCALE: N/A
		DRAWING NO: 2017-154
		WELL LOCATION PLAT



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.732831°
LONGITUDE: -80.583858°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.704018°
LONGITUDE: -80.548530°

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

09/02/2022

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: YOCUM MSH		WELL # 6H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: MARSHALL	CODE: 103	DISTRICT: LIBERTY	API # 47-103-XXXX
SURFACE OWNER: JOSEPH LEE AND MICHAEL D. YOCUM	USGS 7 1/2 QUADRANGLE MAP NAME: WILEYVILLE, WV			