

LATITUDE: 39°47'30"

SURFACE HOLE 7,525'

LATITUDE: 39°50'00"

BOTTOM HOLE 354'



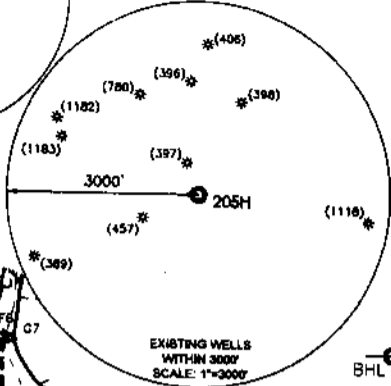
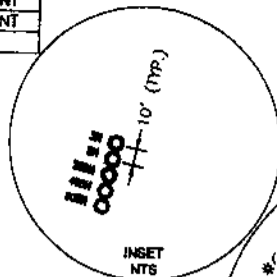
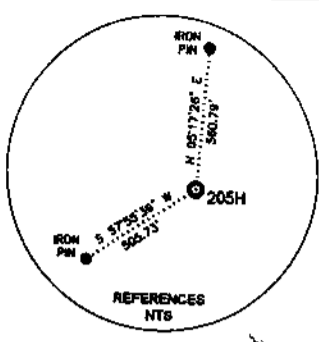
L1	S 68°51'31" W	788.66'	SHL TO MONUMENT	STONE MONUMENT
L2	N 44°59'17" E	1154.94'	SHL TO MONUMENT	STONE MONUMENT
L3	N 59°10'01" E	2088.50'	SHL TO LPL	SHL TO LPL

SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE RD, BRIDGEPORT, WV 26330

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,242.115
EASTING: 536,950.915

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,568.386
EASTING: 537,497.520

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,407,664.136
EASTING: 535,552.724



WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	JOHN C. RICHARDS, et ux (S) / AMP IV, LP; CYNTHIA SUE DAVIS; FRANK D. ROBINSON; JENNIE ROBINSON (R)	7-11-13
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	O'NEIL GARRETT D & AMY L	7-12-7
3	REID JAMES L & SHERRY L	7-12-1
4	STEWART KIMBERLY A	7-6-21
5	O'NEIL DENNIS G ET UX	7-6-22
6	SCHWERTFEGER TODD J & JENNIFER ET AL	7-6-23
7	SCHOENE MICHAEL	7-3-3
8	SCHOENE MICHAEL	7-3-3-1
9	STERN GARY ET UX	7-3-2
10	CLARK LARRY L & WENDYS	7-3-6
11	STERN MICHAEL B & AMY L	7-3-1
12	STERN MICHAEL B & AMY L	7-2-28

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.
- NO 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

- TIES TO WELLS AND CORNERS ARE BASED ON UTM, NAD83 DATUM, ZONE 17, US FT.
- WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
- BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
- SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN OCTOBER OF 2021.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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. 983

Michael R. Hyman



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #: SONIA R MSH 205H
API WELL #: 47 51 D2494
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1531.0'
DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: CAMERON 7.5' WV
SURFACE OWNER: JOHN C. RICHARDS, et ux ACREAGE: ±83.00
OIL & GAS ROYALTY OWNER: AMP IV, LP; CYNTHIA SUE DAVIS; FRANK D. ROBINSON; JENNIE ROBINSON ACREAGE: ±83.00
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) xxxxxxxx
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,452 TVD 20,211 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITANY 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:	REVISIONS:	DATE: 12/05/2022
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		FILE NO:
★ EXISTING / PRODUCING WELLHEAD		DRAWN BY: TMF
⊙ EXISTING WATER WELL		SCALE: 1" = 2500'
⊙ EXISTING SPRING		DRAWING NO: ACE-2257
		WELL LOCATION PLAT



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	KIRKENDALL SAMUEL D & CHRISTINE	7-12-8
B	MCCOMBS DOUGLAS R & REBECCA J	7-11-19
C	MACKEY ROY A ET AL	7-11-14
D	BAKER MARK ALLEN	7-11-15.2
E	MCCURDY TIMOTHY S	7-11-12
F	CUMPSTON KEITH D & SANDRA S	7-6-20
G	REID BARBARA J & SANDRA CUMPSTON	7-6-19
H	MARSHALL COUNTY COAL COMPANY	7-06-18.1
I	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-18
J	DOBBS ERIC SCOTT	7-6-16
K	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-32
L	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-31
M	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-29
N	MARSHALL COUNTY COAL RESOURCES INC	7-2-29.1
O	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-29.2
P	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-22
Q	STERN MICHAEL B & AMY L	7-2-25
R	BRYAN MICHAEL R II & MELISSA A	7-2-26
S	STERN MICHAEL B & AMY L	7-2-27.3
T	STERN MICHAEL B & AMY L	7-2-27.4
U	BONGIORNO DAVID CURTIS	7-2-27
V	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-27.2
W	FRYE MARK H	3-18-27
X	STERN MICHAEL B & AMY L	3-17-20
Y	SCOTT GABRIEL O & BETHANY D	3-17-20.1
Z	CHAMBERS FRANCIS ET AL	3-17-21
A1	DOTY RICK A & CATHY	3-17-22
B2	DOTY RICK A & CATHY	3-17-22.1
C3	MARSHALL COUNTY COAL RESOURCES INC	3-17-23
D4	CLARK CHRISTOPHER SCOTT	3-17-24
E5	CLARK CHRISTOPHER SCOTT	3-17-25
F6	DOBBS DON BURDELL ET UX	3-17-32
G7	DUFFORD WILLIAM E ET UX	3-17-33
H8	DOBBS DONALD B ET UX	7-3-7
I9	CHAPLIN MANDI K & KEVIN	7-3-1.2
J10	CLARK LARRY L & WENDY S	7-3-6.1
K11	ROUPE SHARON D	7-3-1.1
L12	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-3-6.2
M13	SHEPHERD WILLIAM H & JERRY L - TOD	7-3-11
N14	EAKIN RICHARD T & KIMBERLY A STEWART	7-3-5
O15	EAKIN RICHARD T & KIMBERLY A STEWART	7-3-4
P16	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-23.1
Q17	NEELY ROBERT S ET UX	7-3-12
R18	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-24
S19	PETTIT JEFFERY M	7-6-25

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
T20	O'NEIL DENNIS G ET UX	7-6-26
U21	MATHEWS D A ESTATE	7-6-27
V22	BIG RUN CHRISTIAN CHURCH TR	7-5-6
W23	PETTIT THOMAS R & LILA	7-5-6.3
X24	PETTIT THOMAS R ET UX	7-5-6.1
Y25	CHAMBERS JOHN W	7-12-3
Z26	MIDCAP LESLIE J & VIRGINIA M	7-12-2.1
A27	CHAMBERS LAWRENCE D & JOHN W	7-12-2
B28	ROHM GREG R	7-12-4.3
C29	ROHM GREG R	7-12-4.1
D30	MIDCAP LESLIE ET UX	7-12-4
E31	FOX MARGARET O - TOD	7-12-1.4
F32	DARMAFALL JOSEPH W III & CHELSIE J	7-12-1.6
G33	DARMAFALL JOSEPH W III & CHELSIE J	7-12-1.5
H34	DARMAFALL JOSEPH W III & CHELSIE J	7-12-1.3
I35	LOGSDON TERRY & DONNA	7-12-1.1
J36	YEATER JARED P & TERESA	7-12-6
K37	CUMPSTON SANDRA & KEITH IRREVOCABLE TRUST	7-12-5.1
L38	CUMPSTON SANDRA & KEITH IRREVOCABLE TRUST	7-12-5
M39	EARNEST LLOYD & DONNA FAMILY TRUST	7-12-10.2
N40	TEDROW ROBERT A & ROSE M	7-12-7.1
O41	SCHERRICK KEITH A ET UX	7-12-7.2
P42	EARNEST LLOYD & DONNA FAMILY TRUST	7-12-10
Q43	REID JAMES LAWRENCE ET UX	7-12-1.2
R44	STERN GARY ET UX	7-2-30

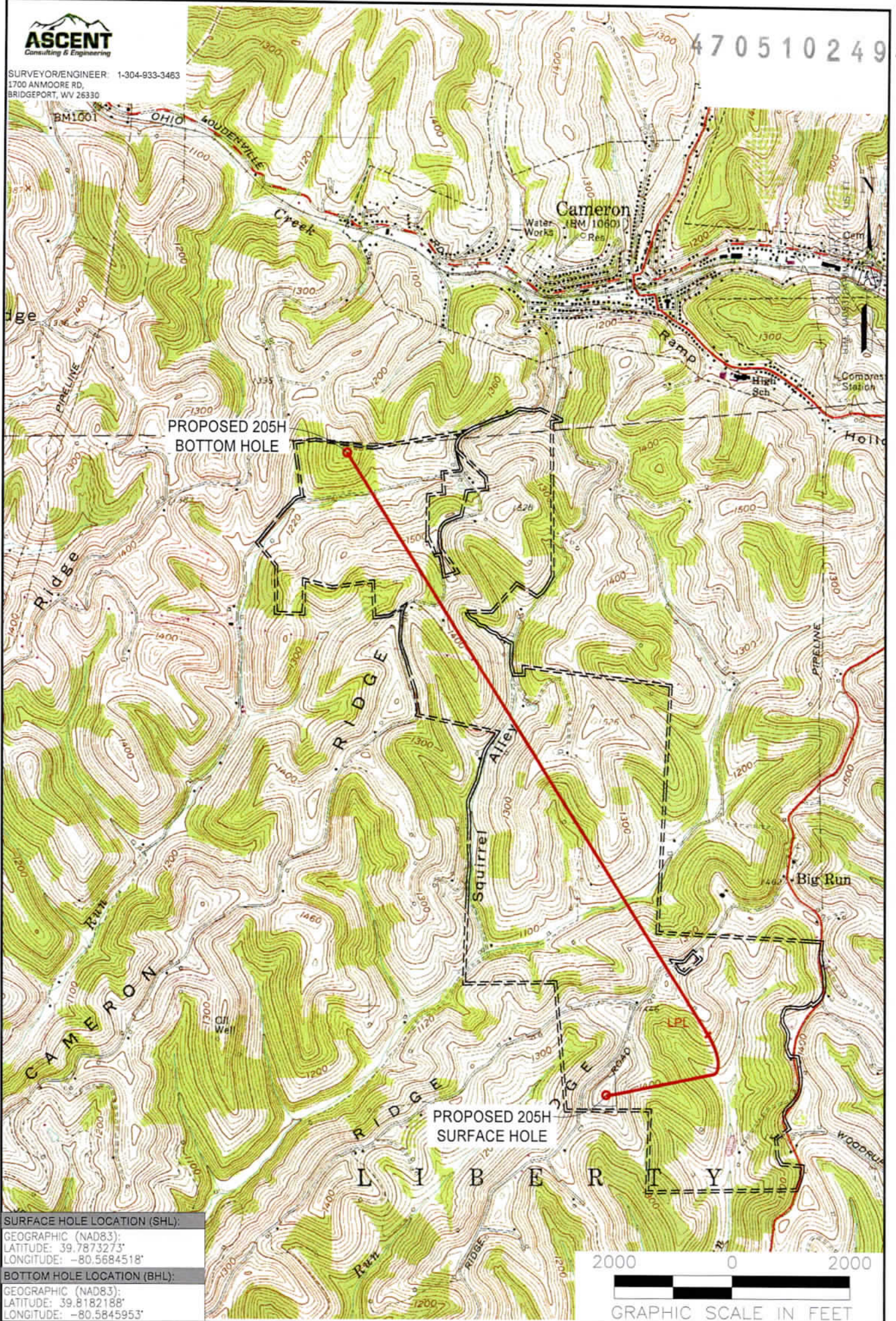
03/03/2023

REVISIONS:	COMPANY:			
	OPERATOR'S		DATE: 12/05/2022	
	WELL #:		DRAWN BY: TMF	
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	LIBERTY	MARSHALL	WV	DRAWING NO: ACE-2257
				WELL LOCATION PLAT



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

4705102494



SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.7873273°
 LONGITUDE: -80.5684518°

BOTTOM HOLE LOCATION (BHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.8182188°
 LONGITUDE: -80.5845953°

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

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☼ EXISTING / PRODUCING WELLHEAD
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- 👉 FLOOD PLAIN

03/03/2023

WELL OPERATOR:
 SWN PRODUCTION COMPANY, LLC

ADDRESS:
 1300 FORT PIERPONT DRIVE, SUITE 201

SURFACE OWNER:
 JOHN C. RICHARDS, et ux

WELL (FARM) NAME: SONIA R MSH	WELL # 205H	SERIAL # XXXX
COUNTY - CODE MARSHALL - 25	DISTRICT: LIBERTY	
USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV		