

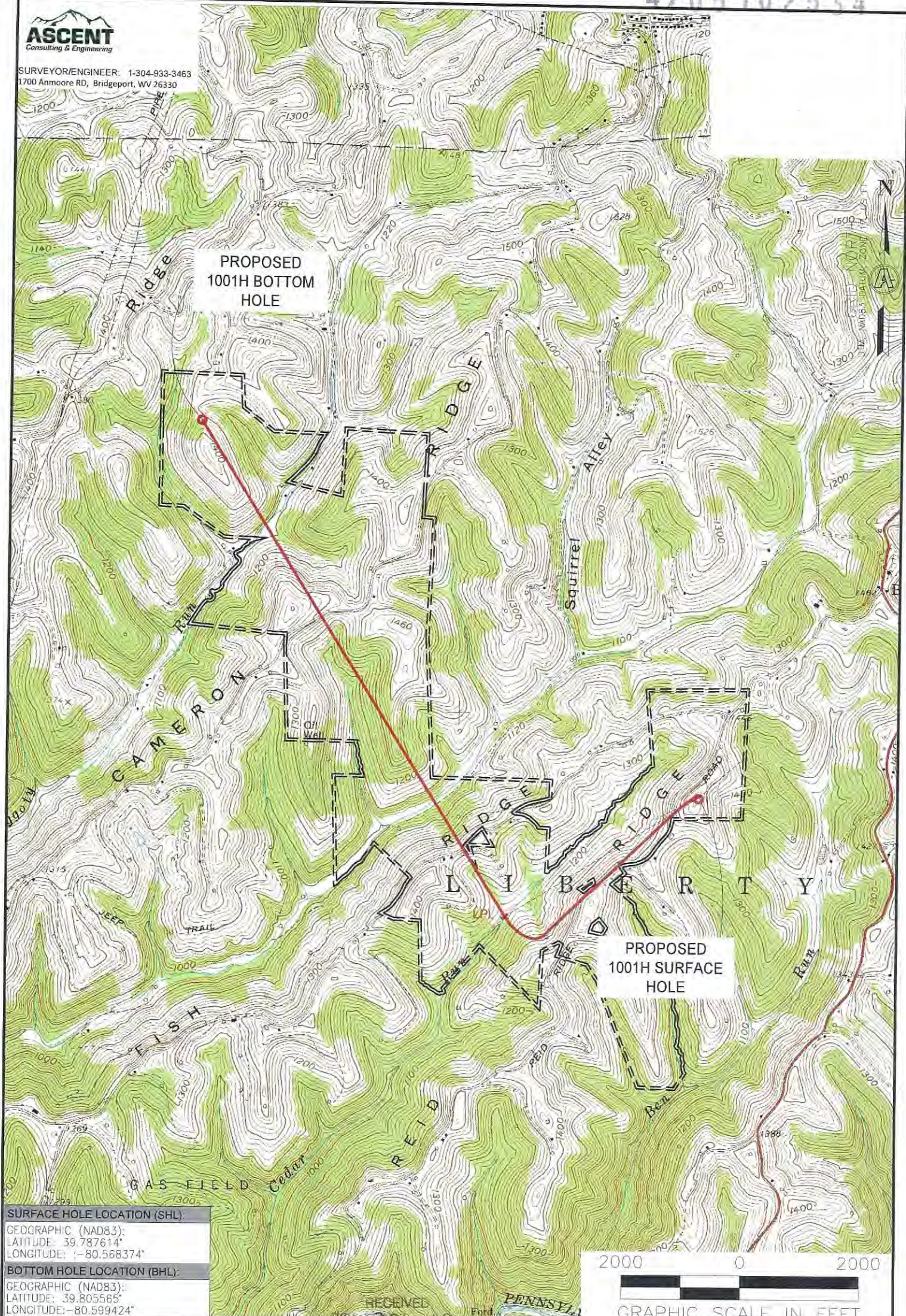
4705102534



SURVEYOR/ENGINEER: 1-304-933-3463
1700 Anmoore RD, Bridgeport, WV 26330

PROPOSED
1001H BOTTOM
HOLE

PROPOSED
1001H SURFACE
HOLE



SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.787614°
 LONGITUDE: -80.568374°

BOTTOM HOLE LOCATION (BHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.805565°
 LONGITUDE: -80.599424°

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

LEGEND:

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

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SONIA R MSH	WELL # 1001H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201	COUNTY - CODE MARSHALL - 25	DISTRICT; LIBERTY	
SURFACE OWNER: JOHN C. RICHARDS, et ux	USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV		

LATITUDE: 39°47'30"

SURFACE HOLE 7,503'

LATITUDE: 39°50'00"

BOTTOM HOLE 4,519'



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 62°48'12" W	851.07'	SHL TO MONUMENT	STONE MONUMENT
L2	N 48°08'37" E	1,067.50'	SHL TO MONUMENT	STONE MONUMENT
L3	S 57°40'41" W	3,979.60'	SHL TO LPL	SHL TO LPL

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SURFACE HOLE LOCATION (SHL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,404,273.976
 EASTING: 535,957.438

LANDING POINT (LPL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,403,625.421
 EASTING: 535,932.396

BOTTOM HOLE LOCATION (BHL):
 UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,406,253.882
 EASTING: 534,289.859

WELL RESTRICTIONS

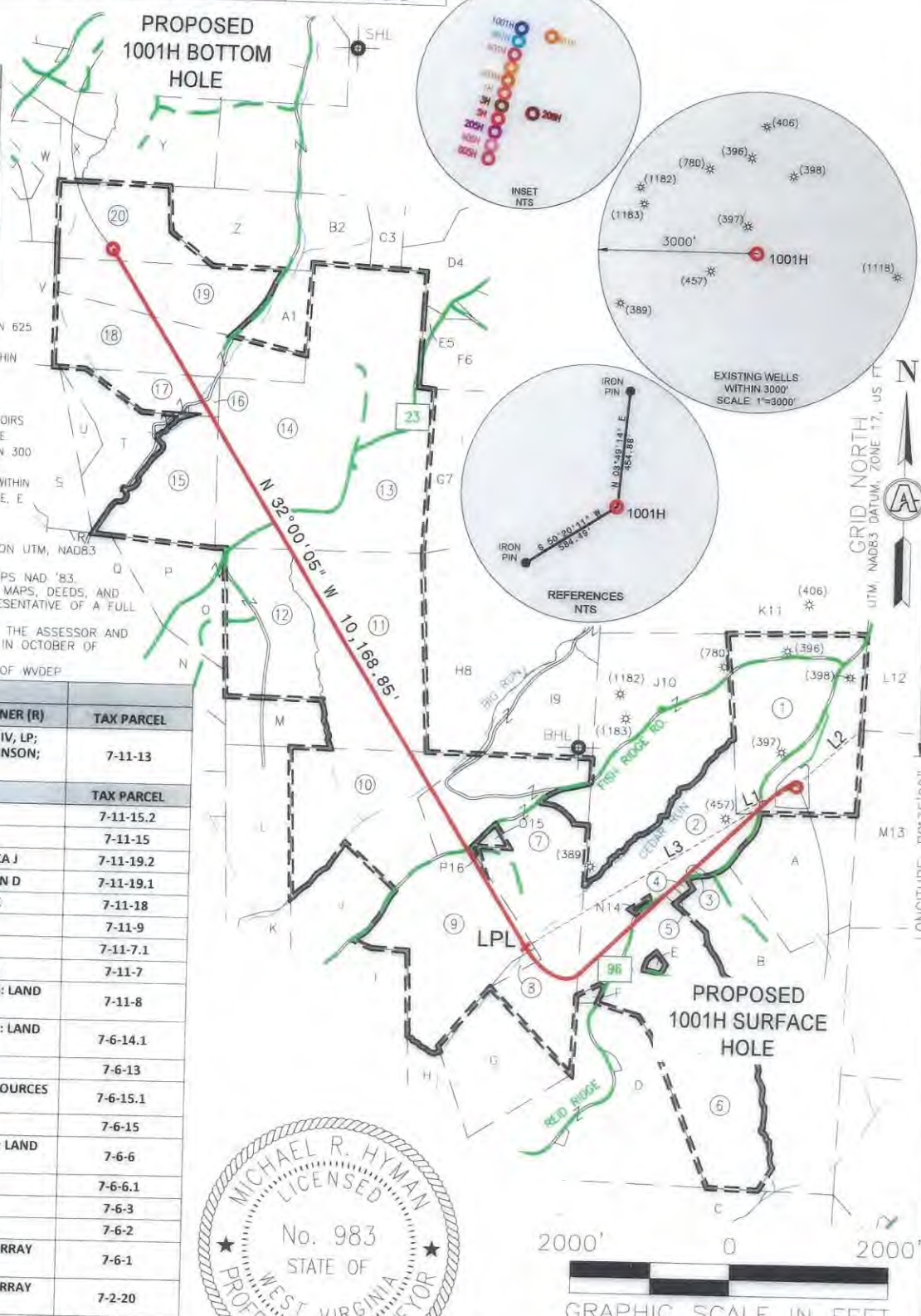
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL
- PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF 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

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	BAKER MARK ALLEN	7-11-15.2
3	REID JAMES L ET UX	7-11-15
4	MCCOMBS DOUGLAS R & REBECCA J	7-11-19.2
5	ELSON MATHEW D & MEGAN D	7-11-19.1
6	QUIGLEY DONALD MACK ET UX	7-11-18
7	WILLIAMS LARRY C ET UX	7-11-9
8	WILLIAMS LARRY C ET UX	7-11-7.1
9	MCCOMBS DOUGLAS & DEANA	7-11-7
10	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-11-8
11	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-14.1
12	BYARD MARVIN & SHIRLEY	7-6-13
13	MARKWEST LIBERTY MIDSTREAM & RESOURCES LLC	7-6-15.1
14	ALLMAN WANDA L	7-6-15
15	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-6
16	SKRYPEK ANTHONY M	7-6-6.1
17	SKRYPEK ANTHONY M	7-6-3
18	SKRYPEK ANTHONY M	7-6-2
19	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-6-1
20	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-20



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* 10-09-2024

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



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

OPERATOR'S WELL #: SONIA R MSH 1001H
 API WELL #: 47 51 02534
 STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1533.01'

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 **02/28/2025**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,330 TVD 19,087 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		SURVEYED BOUNDARY
	EXISTING / PRODUCING WELLHEAD		DRILLING UNIT
	EXISTING WATER WELL		LEASE BOUNDARY
	EXISTING SPRING		PROPOSED PATH

REVISIONS:

NO.	DATE	DESCRIPTION
	10-09-2024	DATE
		FILE NO.
		DRAWN BY: TMF
		SCALE: 1" = 2000'
		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	MACKEY ROY A ET AL	7-11-14
B	MCCOMBS DOUGLAS R & REBECCA J	7-11-19
C	HINKLE FAMILY TRUST	7-15-1
D	QUIGLEY DONALD & MATHEWS DIANA	7-11-17
E	QUIGLEY ROBIN ELAINE	7-11-18.1
F	BERESFORD RICKY JAY JR ET UX- TOD	7-11-15.1
G	MCCURDY SUE E EST	7-11-6
H	QUIGLEY ELLEN MARIE	7-11-5
I	MARLING SCOTT C & JESSICA L PARRY	7-11-4
J	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-11-3
K	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-11-2
L	QUIGLEY ROBIN E & DONALD	7-11-1
M	BYARD MARVIN & SHIRLEY	7-6-14
N	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-10
O	HOYT CHARLES F	7-6-9.1
P	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-9
Q	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-10
R	ZWICK MITCHELL	7-6-7
S	SKRYPEK ANTHONY M	7-7-10
T	SKRYPEK ANTHONY M	7-6-5
U	SKRYPEK ANTHONY M	7-6-4
V	JAMISON JEAN	7-7-9.1
W	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-7
X	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-10
Y	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-19
Z	SKRYPEK ANTHONY M	7-2-21
A1	SKRYPEK ANTHONY M	7-6-1.1
B2	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-21.1
C3	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-29
D4	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-32
E5	ALLMAN WANDA L - TOD	7-6-16.1
F6	DOBBS ERIC SCOTT	7-6-16
G7	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-18
H8	REID BARBARA J - TOD	7-6-19
I9	QUIGLEY ELLEN MARIE	7-11-11
J10	MCCURDY TIMOTHY S	7-11-12
K11	STEWART KIMBERLY A	7-6-21
L12	REID JAMES L & SHERRY L	7-12-1
M13	O'NEIL GARRETT D & AMY L	7-12-7
N14	PARKER PETER	7-11-16
O15	WILLIAMS LARRY C ET UX	7-11-9.2
P16	MCCOMBS DOUGLAS & DEANA	7-11-9.1

*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.

02/28/2025

REVISIONS: 4905102534	COMPANY:			
	OPERATOR'S		SONIA R MSH	
	WELL #:		1001H	
	DISTRICT:	COUNTY:	STATE:	DATE: 10-09-2024
	LIBERTY	MARSHALL	WV	DRAWN BY: TMF
				SCALE: N/A
				DRAWING NO: ACE-2257
				WELL LOCATION PLAT