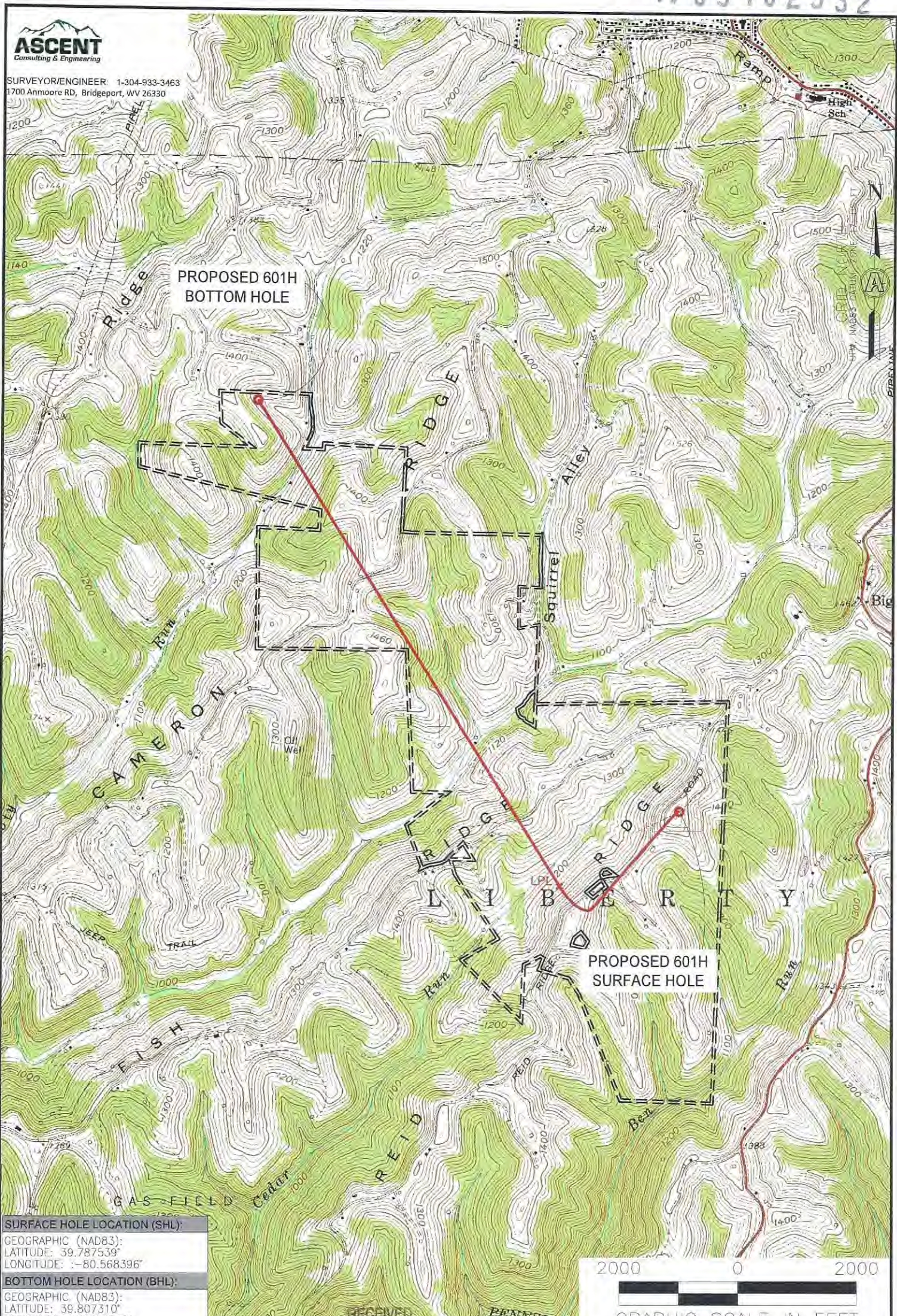


4705102532



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



PROPOSED 601H
BOTTOM HOLE

PROPOSED 601H
SURFACE HOLE

SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.787539°
 LONGITUDE: -80.568396°

BOTTOM HOLE LOCATION (BHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 39.807310°
 LONGITUDE: -80.594547°



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.

RECEIVED
 JAN 23 2025
 WV Department of
 Environmental Protection

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

02/28/2025

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SONIA R MSH	WELL # 601H	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		



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 64°17'23" W	833.54'	SHL TO MONUMENT	STONE MONUMENT
L2	N 47°16'53" E	1,090.32'	SHL TO MONUMENT	STONE MONUMENT
L3	S 57°44'47" W	2,464.02'	SHL TO LPL	SHL TO LPL

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

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,265.634
EASTING: 536,955.621

LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,403,864.830
EASTING: 536,320.474

BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,406,449.451
EASTING: 534,706.464

- 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.

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
2	MACKEY ROY A ET AL	7-11-14
3	BAKER MARK ALLEN	7-11-15.2
4	MCCOMBS DOUGLAS R & REBECCA J	7-11-19
5	QUIGLEY DONALD MACK ET UX	7-11-18
6	PARKER PETER	7-11-16
7	MCCURDY TIMOTHY S	7-11-12
8	TEDROW CHARLES J & PAMELA J	7-11-10
9	WILLIAMS LARRY C ET UX	7-11-9
10	QUIGLEY ELLEN MARIE	7-11-11
11	REID BARBARA J & SANDRA CUMPSTON	7-6-19
12	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-18
13	MARKWEST LIBERTY MIDSTREAM & RESOURCES LLC	7-6-15.1
14	ALLMAN WANDA L	7-6-15
15	SKRYPEK ANTHONY M	7-6-1.1
16	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-6-1
17	SKRYPEK ANTHONY M	7-2-21

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.

Michael R. Hyman
P.S. 983 10-09-2024



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

COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #: SONIA R MSH 601H
API WELL #: 47 STATE 51 COUNTY 02532 PERMIT

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

WATERSHED: UPPER OHIO-WHEELING
DISTRICT: LIBERTY COUNTY: MARSHALL
SURFACE OWNER: JOHN C. RICHARDS, et ux
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: 7,340 TVD 18,213 TMD

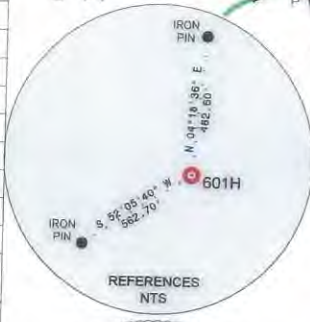
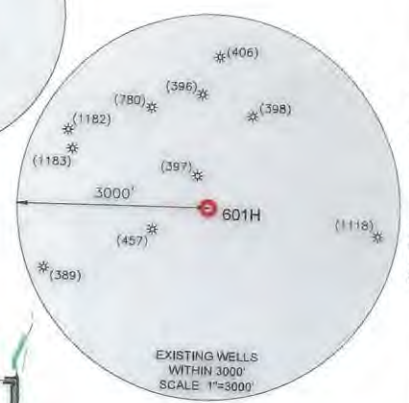
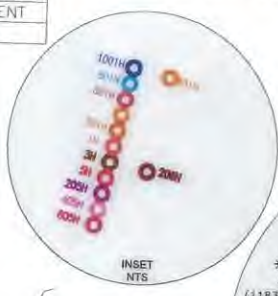
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

- LEGEND:**
- PROPOSED SURFACE HOLE / BOTTOM HOLE
 - EXISTING / PRODUCING WELLHEAD
 - EXISTING WATER WELL
 - EXISTING SPRING
 - SURVEYED BOUNDARY
 - DRILLING UNIT
 - LEASE BOUNDARY
 - PROPOSED PATH

REVISIONS:

NO.	DATE	DESCRIPTION
1	10-09-2024	FILE NO.
2		DRAWN BY: TMF
3		SCALE: 1" = 2000'
4		DRAWING NO: ACE-2257
5		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	APPALACHIA MIDSTREAM SERVICES LLC	7-15-6
C	HUMMEL DAVID W JR & MELANIE A	7-15-4
D	HUMMEL DAVID W JR & MELANIE A	7-15-1.1
E	HINKLE FAMILY TRUST	7-15-1
F	QUIGLEY DONALD & MATHEWS DIANA	7-11-17
G	BERESFORD RICKY JAY JR ET UX- TOD	7-11-15.1
H	QUIGLEY ROBIN ELAINE	7-11-18.1
I	REID JAMES L ET UX	7-11-15
J	MCCOMBS DOUGLAS R & REBECCA J	7-11-19.2
K	ELSON MATHEW D & MEGAN D	7-11-19.1
L	MCCURDY SUE E EST	7-11-6
M	WILLIAMS LARRY C ET UX	7-11-7.1
N	MCCOMBS DOUGLAS & DEANA	7-11-7
O	WILLIAMS LARRY C ET UX	7-11-9.2
P	MCCOMBS DOUGLAS & DEANA	7-11-9.1
Q	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-11-8
R	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-14.1
S	BYARD MARVIN & SHIRLEY	7-6-13
T	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-9
U	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-6
V	SKRYPEK ANTHONY M	7-6-6.1
W	SKRYPEK ANTHONY M	7-6-3
X	SKRYPEK ANTHONY M	7-6-2
Y	JAMISON JEAN	7-7-9.1
Z	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-20
A1	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-19
B2	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-22
C3	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-21.1
D4	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-29
E5	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-32
F6	ALLMAN WANDA L - TOD	7-6-16.1
G7	DOBBS ERIC SCOTT	7-6-16
H8	MURFIN ROBIN E	7-6-17
I9	SCHWERTFEGER TODD J & JENNIFER ET AL	7-6-23
J10	MARSHALL COUNTY COAL RESOURCES INC	7-6-18.1
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	CUMPSTON KEITH D & SANDRA S	7-6-20

*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.

02/28/2025

REVISIONS: 4705102532	COMPANY:			
	OPERATOR'S		SONIA R MSH	
	WELL #:		601H	
	DISTRICT:	COUNTY:	STATE:	DATE: 10-09-2024
	LIBERTY	MARSHALL	WV	DRAWN BY: TMF
				SCALE: N/A
				DRAWING NO: ACE-2257
				WELL LOCATION PLAT