

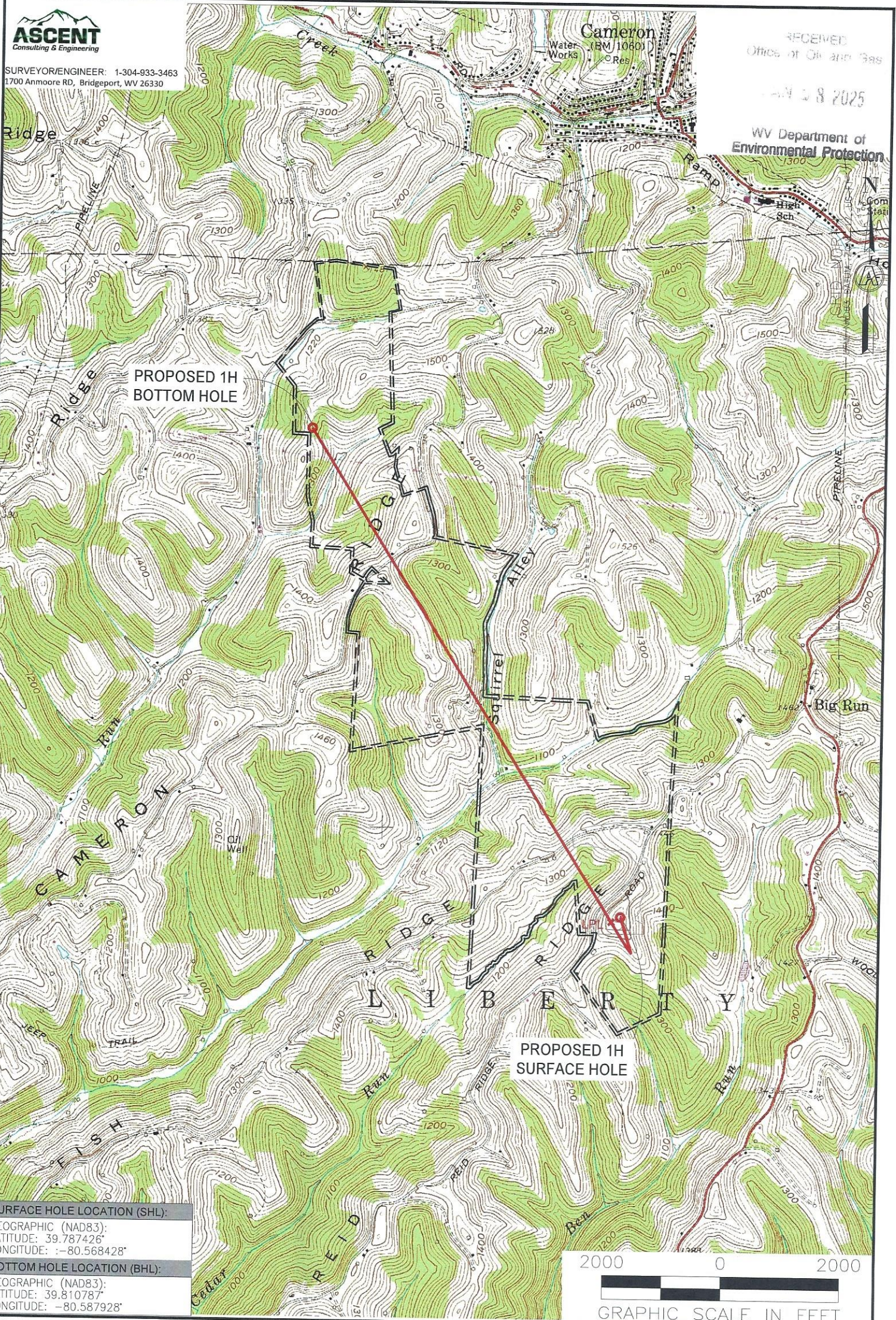


SURVEYOR/ENGINEER: 1-304-933-3463
1700 Anmoore RD, Bridgeport, WV 26330

RECEIVED
Office of Oil and Gas

JAN 23 2025

WV Department of
Environmental Protection



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.787426°
LONGITUDE: -80.568428°

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.810787°
LONGITUDE: -80.587928°

- 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.

RECEIVED
Office of Oil and Gas
JAN 23 2025

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

02/28/2025

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC
ADDRESS:
1300 FORT PIERPONT DRIVE, SUITE 201
SURFACE OWNER:
JOHN C. RICHARDS, et ux

WV Department of
Environmental Protection

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

LATITUDE: 39°47'30"

SURFACE HOLE 7518'

LATITUDE: 39°50'00" BOTTOM HOLE 1,290'



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 66°38'02" W	808.35'	SHL TO MONUMENT	STONE MONUMENT
L2	N 46°03'22" E	1,124.99'	SHL TO MONUMENT	STONE MONUMENT
L3	S 60°10'01" W	185.46'	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: 4,404,253.134
 EASTING: 536,952.890

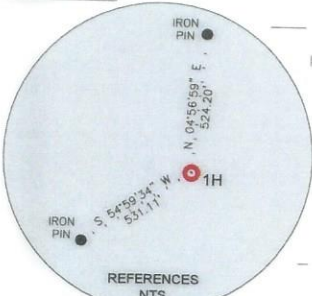
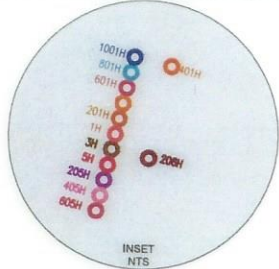
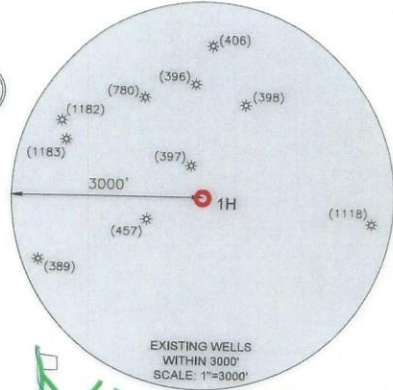
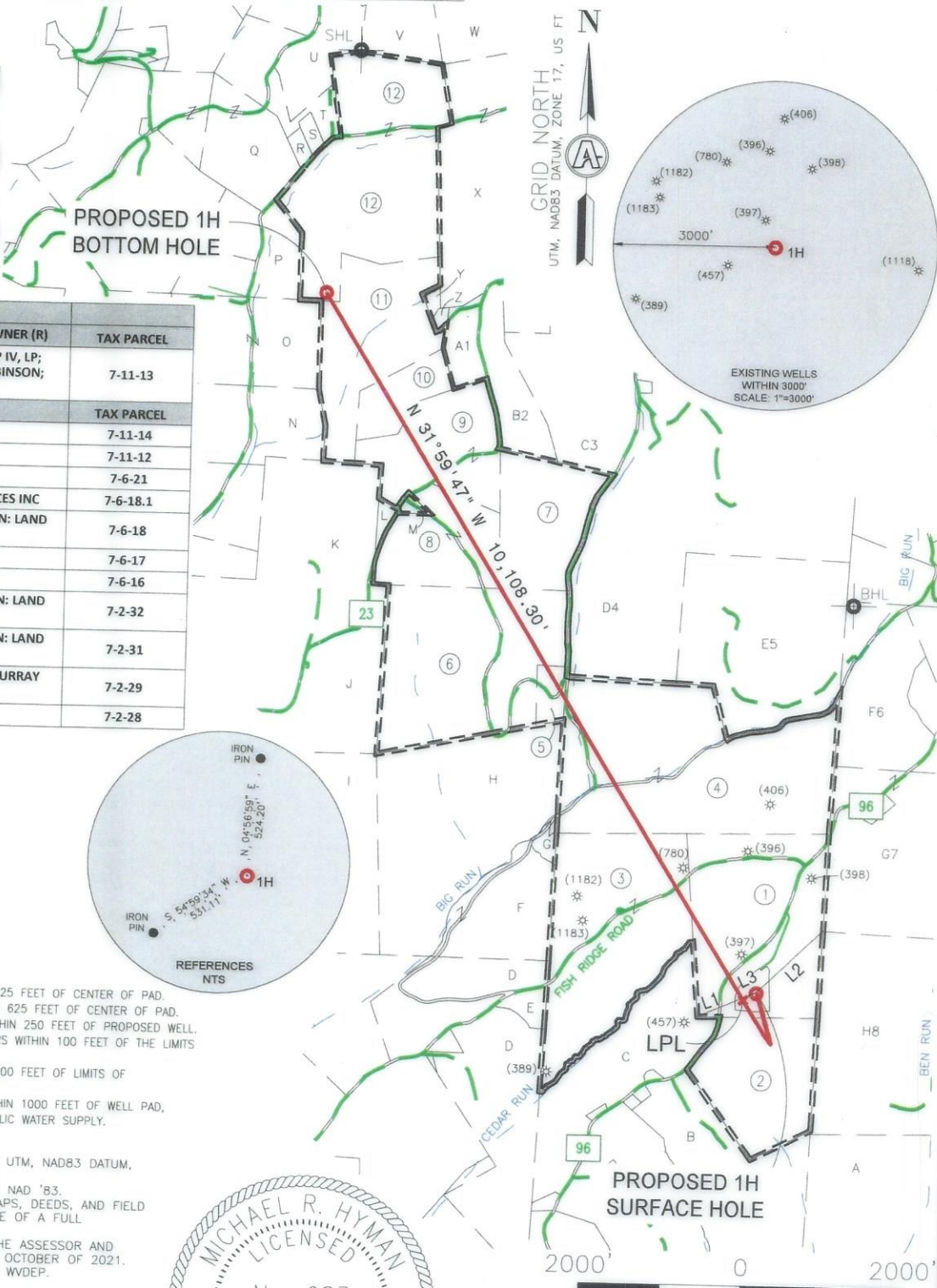
LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,404,225.013
 EASTING: 536,903.854

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
 NORTHING: 4,406,837.965
 EASTING: 535,271.326

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	MACKEY ROY A ET AL	7-11-14
3	MCCURDY TIMOTHY S	7-11-12
4	STEWART KIMBERLY A	7-6-21
5	MARSHALL COUNTY COAL RESOURCES INC	7-6-18.1
6	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-18
7	MURFIN ROBIN E	7-6-17
8	DOBBS ERIC SCOTT	7-6-16
9	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-32
10	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-2-31
11	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-29
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.

Michael R. Hyman 09-23-2024



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 #: 1H

API WELL #: 47 51 02529 **46A**

STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO-WHEELING

DISTRICT: LIBERTY COUNTY: MARSHALL ELEVATION: 1532.96'

SURFACE OWNER: JOHN C. RICHARDS, et ux QUADRANGLE: CAMERON 7.5', WV

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: 7,382 TVD 17,896 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
- EXISTING WATER WELL
- EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- PROPOSED PATH

REVISIONS:

DATE: 09-23-2024

FILE NO:

DRAWN BY: TMF

SCALE: 1" = 2500'

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	BAKER MARK ALLEN	7-11-15.2
D	WILLIAMS LARRY C ET UX	7-11-9
E	TEDROW CHARLES J & PAMELA J	7-11-10
F	QUIGLEY DONALD M	7-11-11
G	CUMPSTON KEITH D & SANDRA S	7-6-20
H	REID BARBARA J & SANDRA CUMPSTON	7-6-19
I	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-14.1
J	MARKWEST LIBERTY MIDSTREAM & RESOURCES LLC	7-6-15.1
K	ALLMAN WANDA L	7-6-15
L	ALLMAN WANDA L - TOD	7-6-16.1
M	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	7-6-16.2
N	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-21.1
O	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-22
P	STERN MICHAEL B & AMY L	7-2-25
Q	BRYAN MICHAEL R II & MELISSA A	7-2-26
R	STERN MICHAEL B & AMY L	7-2-27.3
S	STERN MICHAEL B & AMY L	7-2-27.4
T	BONGIORNO DAVID CURTIS	7-2-27
U	CNX GAS COMPANY LLC	7-2-27.2
V	FRYE MARK H	3-18-27
W	STERN MICHAEL B & AMY L	3-17-20
X	STERN MICHAEL B & AMY L	7-3-1
Y	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	7-2-29.2
Z	MARSHALL COUNTY COAL RESOURCES INC	7-2-29.1
A1	STERN GARY ET UX	7-2-30
B2	STERN GARY ET UX	7-3-2
C3	SCHOENE MICHAEL	7-3-3
D4	SCHWERTFEGER TODD J & JENNIFER ET AL	7-6-23
E5	O'NEIL DENNIS G ET UX	7-6-22
F6	REID JAMES P	7-6-27
G7	REID JAMES L & SHERRY L	7-12-1
H8	O'NEIL GARRETT D & AMY L	7-12-7

*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.

02/28/2025

REVISIONS: 4705162529	COMPANY:			
	OPERATOR'S		SONIA R MSH	
	WELL #:		1H	
	DISTRICT:	COUNTY:	STATE:	DATE: 09-23-2024
	LIBERTY	MARSHALL	WV	DRAWN BY: TMF
				SCALE: N/A
				DRAWING NO: ACE-2257
				WELL LOCATION PLAT