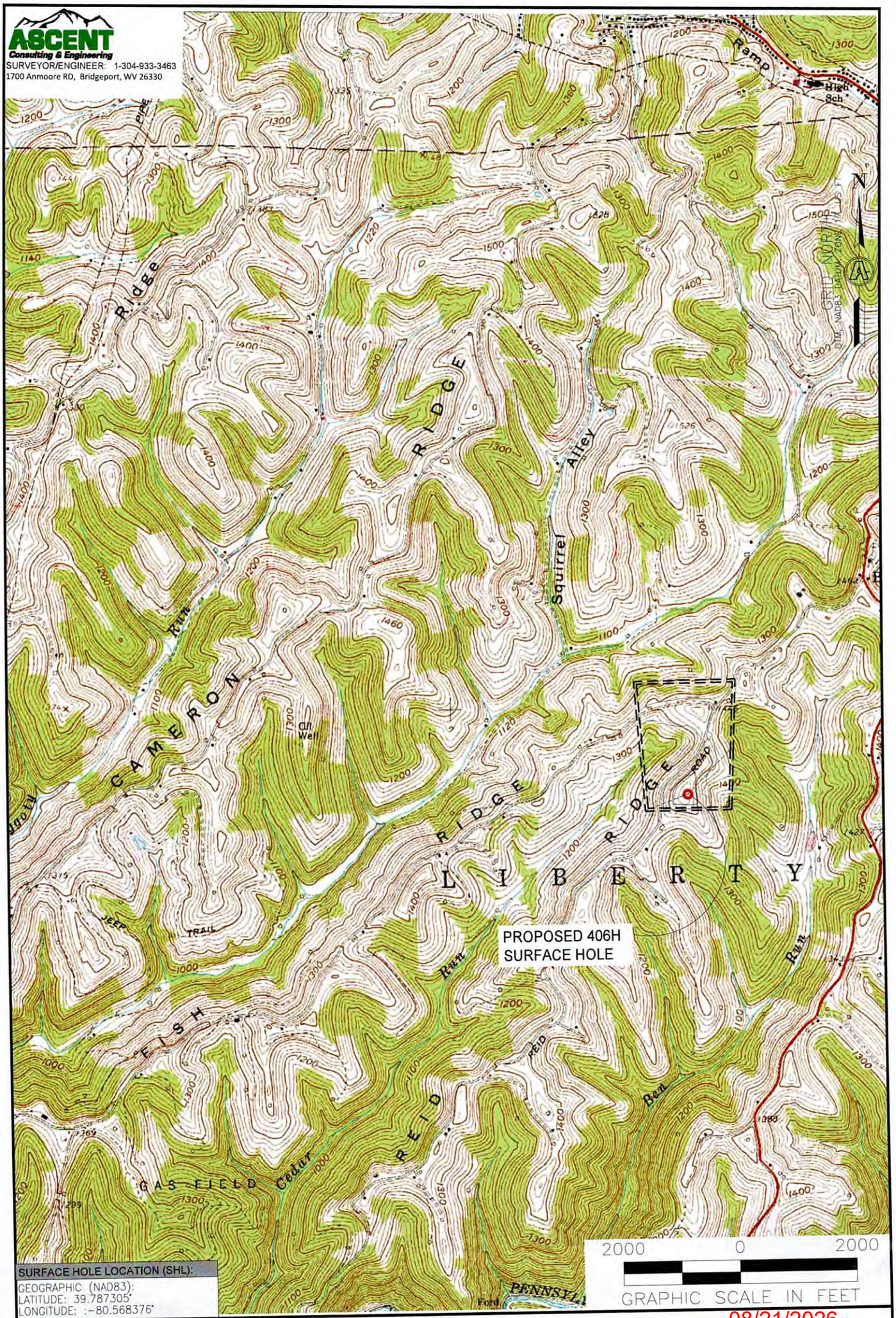
ASCENT
Consulting & Engineering
SURVEYOR/ENGINEER: 1-304-933-3463
1700 Anmoore RD, Bridgeport, WV 26330



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.787305°
LONGITUDE: -80.568376°

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

08/21/2026

WELL OPERATOR: EXPAND OPERATING, LLC	WELL (FARM) NAME: SONIA R MSH	WELL # 406H	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 CAMERON 7.5', WV		

S:__PROJECTS 2251-2500_PROJECT 2257 SWN-SONIA R WELL PAD\SURVEY\DWGS_WELL PLATS\406H\VERTICAL\2257-SONIA R MSH 406H.DWG
FRIDAY JUNE 19 2026 09:13AM

COMPLETION ID 2501228234
PAD ID 3001174659

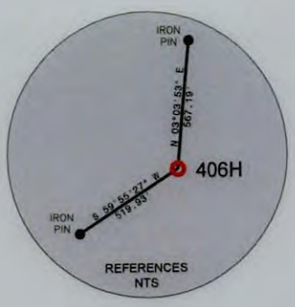
LATITUDE: 39°47'30" — SURFACE HOLE 7,506'

LONGITUDE: 80°32'30" — SURFACE HOLE 1,589'

ASCENT Consulting & Engineering

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

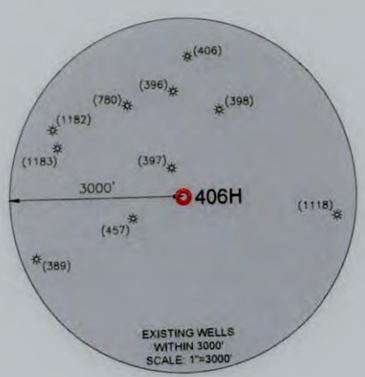
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,404,239.683
EASTING: 536,957.433



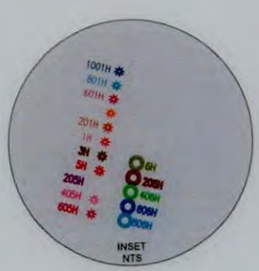
SHL

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
	ADJOINING OWNERS TABLE	
TRACT	SURFACE OWNER	TAX PARCEL
A	MACKEY ROY A ET AL	7-11-14
B	BAKER MARK ALLEN	7-11-15.2
C	MCCURDY TIMOTHY S	7-11-12
D	STEWART KIMBERLY A	7-6-21
E	REID JAMES L & SHERRY L	7-12-1
F	O'NEIL GARRETT D & AMY L	7-12-7

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 69°56'10" W	805.87'	SHL TO MONUMENT	STONE MONUMENT
L2	S 43°56'58" W	1,145.65'	SHL TO MONUMENT	STONE MONUMENT







WELL RESTRICTIONS

1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. 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

1. TIES TO WELLS AND CORNERS ARE BASED ON UTM, NAD83 DATUM, ZONE 17, US FT.
2. WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
3. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN OCTOBER OF 2021.
5. 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 06-19-2026

MICHAEL R. HYMAN LICENSED No. 983 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

2000' 0 2000'
GRAPHIC SCALE IN FEET

expand

STATE OF WEST VIRGINIA — MONTANI SEMPER LIBERI

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

OPERATOR'S WELL #: SONIA R MSH 406H

API WELL #: 47 (STATE) 51 (COUNTY) 02590 (PERMIT)

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

WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1533.22'

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) 08/21/2026

ESTIMATED DEPTH: 7,460 TVD 7,460 TMD

TARGET FORMATION: MARCELLUS

WELL OPERATOR: EXPAND OPERATING, 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: 06-19-2026
FILE NO:
DRAWN BY: TMF
SCALE: 1" = 2000'
DRAWING NO: ACE-2257
WELL LOCATION PLAT

COMPLETION ID 2501228234
PAD ID 3001174659

S:__PROJECTS 2251-2500_PROJECT 2257 SWN-SONIA R WELL PAD\SURVEY\DWGS_WELL PLATS\406H\VERTICAL\2257-SONIA R MSH 406H.DWG
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