



SURVEYOR/ENGINEER: 1-304-933-3463  
2361 DAVISSON RUN ROAD, SUITE 103  
CLARKSBURG, WV 26301

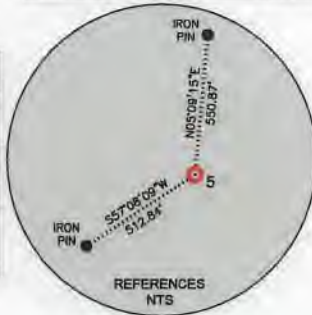
**SURFACE HOLE LOCATION (SHL):**

GEOGRAPHIC (NAD83):  
LATITUDE: 39.78735405°  
LONGITUDE: -80.56844371°

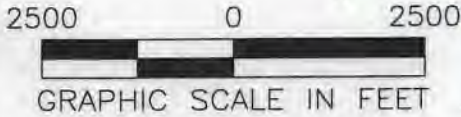
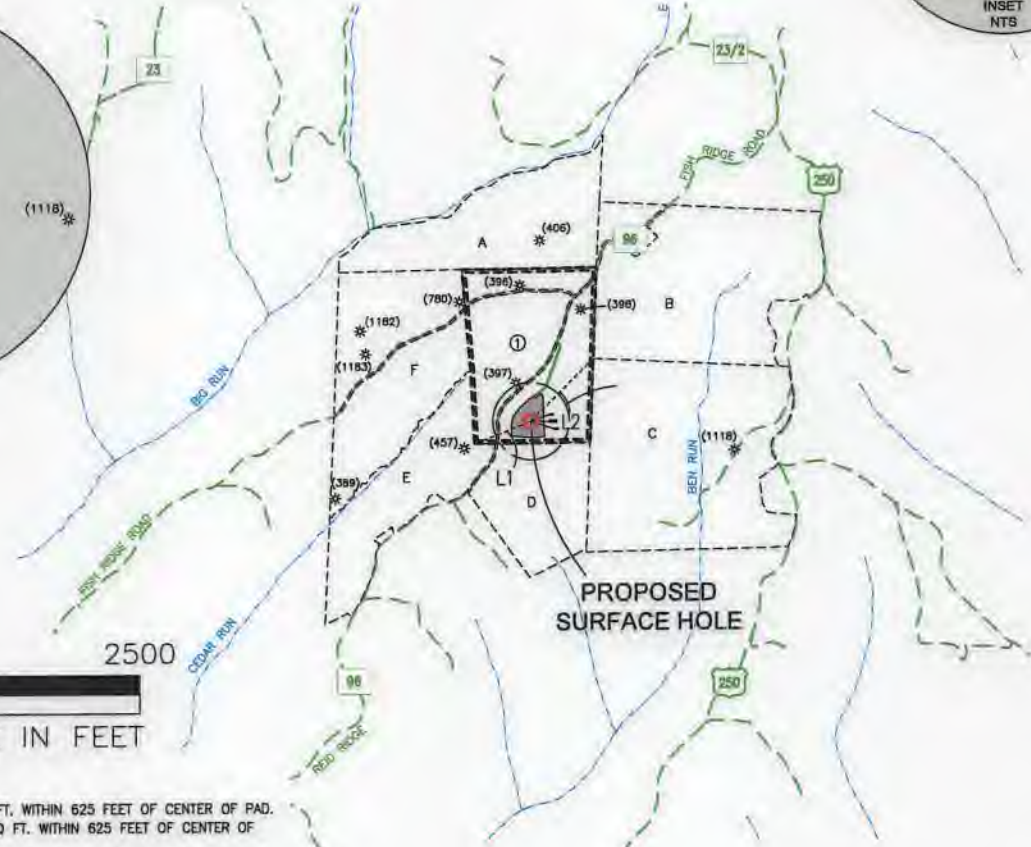
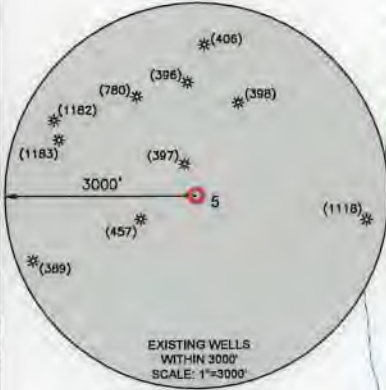
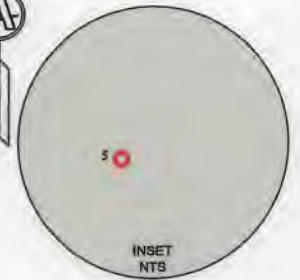
UTM (NAD83, ZONE 17, FEET):  
NORTHING: 14,449,594.093  
EASTING: 1,761,648.682

UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,404,245.088  
EASTING: 536,951.592

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 68°15'37" E	794.29'	SHL TO MONUMENT	STONE MONUMENT
L2	S 45°15'15" W	1,146.48'	SHL TO MONUMENT	STONE MONUMENT



GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT



**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 STATE PLANE WV NORTH ZONE NAD '83.
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

*Michael R. Hyman*



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER ( S )/ROYALTY OWNER ( R )	TAX PARCEL
1	RICHARDS JOHN C ET UX (S), AMP IV, LP; CYNTHIA SUE DAVIS; VIRGINIA M. DAVIS; FRANK D. ROBINSON; JOHN J. ROBINSON; ALLEN LEE WILLIAMS (R)	7-11-13

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

COMPANY: **SWN** Production Company, LLC

STATE OF WEST VIRGINIA  
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: **SONIA R**  
OPERATOR'S WELL #: 5  
API WELL #: 47 STATE 051 COUNTY 02466 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; VIRGINIA M. DAVIS; FRANK D. ROBINSON; JOHN J. ROBINSON; ALLEN LEE WILLIAMS 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: 7,510 TVD 7,510 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

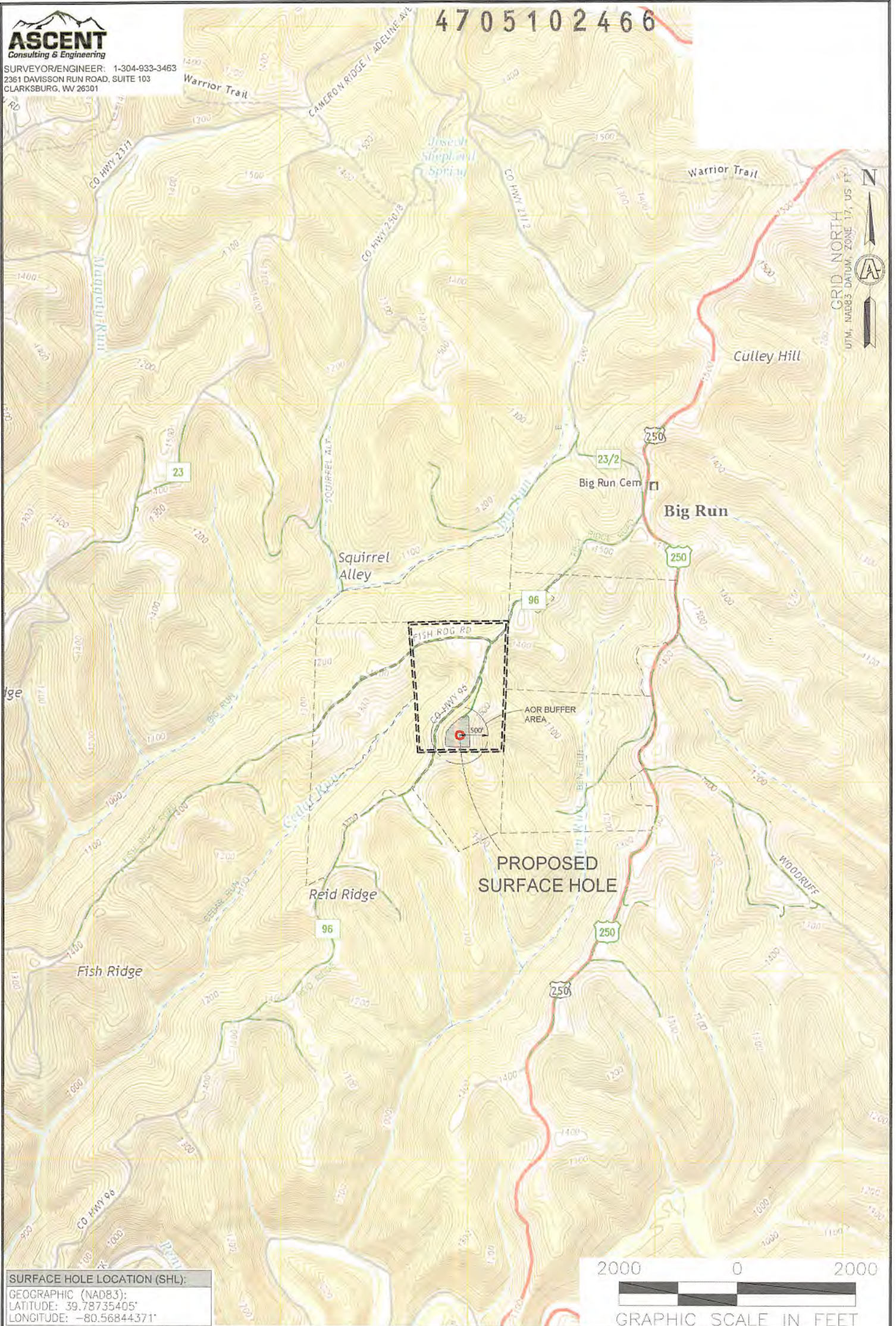
LEGEND:		REVISIONS:	
	PROPOSED SURFACE HOLE / BOTTOM HOLE		DATE: 06-07-2022
	EXISTING / PRODUCING WELLHEAD		FILE NO:
	EXISTING WATER WELL		DRAWN BY: NBG
	EXISTING SPRING		SCALE: 1" = 2500'
	SURVEYED BOUNDARY		DRAWING NO: ACE-2257
	DRILLING UNIT		WELL LOCATION PLAT
	LEASE BOUNDARY		
	PROPOSED PATH		





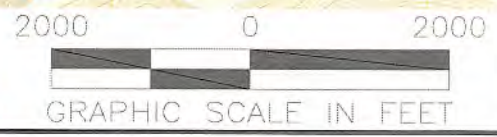
SURVEYOR/ENGINEER: 1-304-933-3463  
 2351 DAVISSON RUN ROAD, SUITE 103  
 CLARKSBURG, WV 26301

47 05 10 24 66



GRID NORTH  
 UTM, NAD83 DATUM, ZONE 17, US FT.

**SURFACE HOLE LOCATION (SHL):**  
 GEOGRAPHIC (NAD83):  
 LATITUDE: 39.78735405°  
 LONGITUDE: -80.56844371°



**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.

**LEGEND:**

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

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

WELL #  
 5

SERIAL #  
 XXXX

COUNTY - CODE

MARSHALL - 35

DISTRICT;  
 LIBERTY

USGS 7 1/2 QUADRANGLE MAP NAME  
 WHEELING, WV