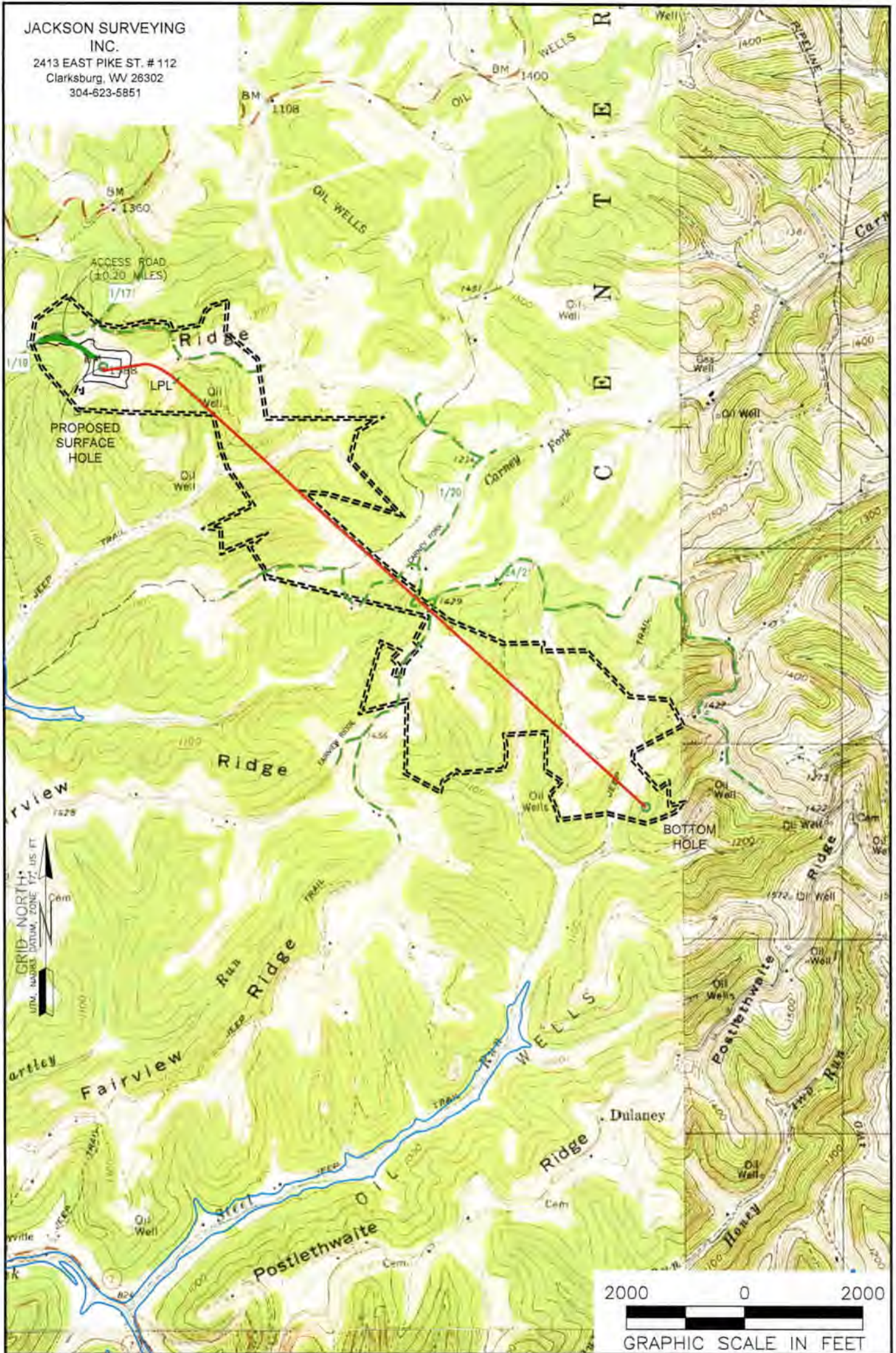


JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851



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
- LPL✱ LANDING POINT LOCATION
- FLOOD PLAIN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH

04/21/2023

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: WILLIAM RITCHEA WTZ	WELL # 210H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE WETZEL - 103	DISTRICT; PROCTOR	
SURFACE OWNER: WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA	USGS 7 1/2 QUADRANGLE MAP NAME WILEYVILLE, WV		

Latitude: 39°42'30"

SURFACE HOLE 9691'

JACKSON SURVEYING INC.

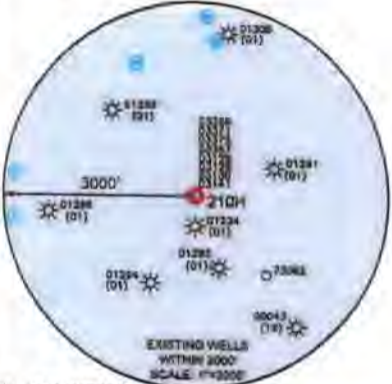
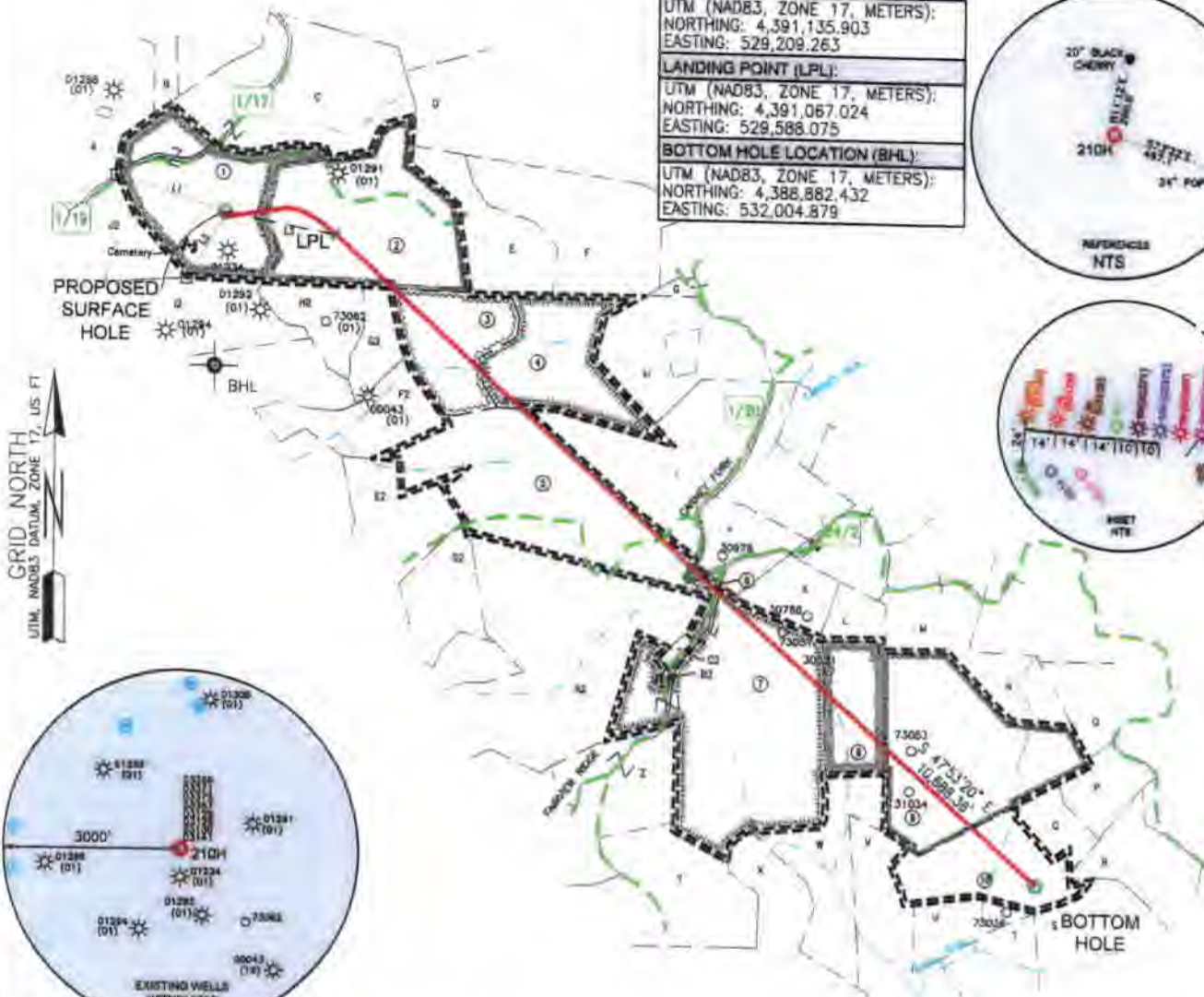
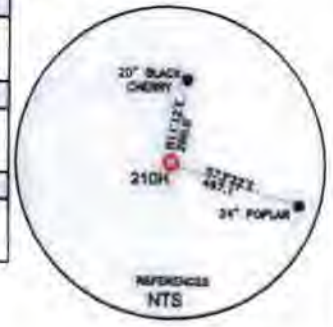
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

Latitude: 39°40'00"

BOTTOM HOLE 12,282'

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 72°21'02" W	1298.48'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	S 30°22'01" W	865.38'	SHL TO LANDMARK	FD. 5/8" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 79°41'40" E	1,263.20'	1,380.88'	SHL TO LPL

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,391,135.903 EASTING: 529,209.263
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,391,067.024 EASTING: 529,588.075
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,388,882.432 EASTING: 532,004.879



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. NO 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. 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.

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. 708

David L Jackson



2000 0 2000

GRAPHIC SCALE IN FEET

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

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: WILLIAM RITCHEA WTZ OPERATOR'S WELL #: 210H API WELL #: 47 103 D3575 STATE COUNTY PERMIT
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WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: FISH CREEK (HUC-10) ELEVATION: 1562.8' STAKED

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA ACREAGE: ±62.00

OIL & GAS ROYALTY OWNER: WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA ACREAGE: ±62.00

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,713' TVD 18,726' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508


LEGEND:	REVISIONS:	DATE:
PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL: LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY PROPOSED PATH	[Empty] [Empty] [Empty] [Empty] [Empty] [Empty] [Empty] [Empty] [Empty] [Empty]	04-12-2023 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-823-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RITCHEA WILLIAM D & SHIRLEY E (S/R)	12-15-21
TRACT	SURFACE OWNER (S)	
2	CHRISTY MICHAEL M JR ETAL & HALL SUSAN (S)	12-15-22
3	BROWN SANDY K (S)	12-15-28
4	YOHO KIMBERLY & KEITH ALLEN (S)	12-15-29
5	MELOTT TERREL LEMOYN (S)	01-10-22
6	WYKERT ERIC D (S)	01-10-23
7	MCCRAY LINDA ETAL (S)	01-10-33
8	MCMILLEN SHARON J (S)	01-10-34
9	MCMILLEN SHARON J (S)	01-10-35
10	MCMILLEN SHARON J (S)	01-10-49

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	PITOSCIA WILLIAM R	12-14-16
B	URBANEK SCOTT J & CHRYSAL A	12-15-13
C	LEMASTERS H C HRS & MANKER CHARLES V REVOC LIVING TR	12-15-18
D	LEMASTERS DOLLY G EST	12-15-19
E	HEETER HAROLD JR ETAL	12-15-23
F	FERRELL HANNAH RAJNE & FERRELL JOSEPH ROSS	12-15-24
G	WYKERT WAYNE & ASHLEY	01-10-14
H	WOOD GLENN & TAMELA P	01-10-09
I	MELOTT TERREL L	01-10-10
J	BARD VANESSA	01-10-11.1
K	?	
L	?	
M	CRANE DONALD N	01-10-24
N	?	
O	HENDERSON AMIE LEE	01-10-36
P	HENDERSON AMIE LEE	01-10-37
Q	MCMILLEN SHARON J	01-10-51
R	MILLER JOHN G ETAL	01-10-52
S	COASTAL FOREST RESOURCES CO	01-14-05
T	COASTAL FOREST RESOURCES CO	01-14-04
U	COASTAL FOREST RESOURCES CO	01-10-50
V	COASTAL FOREST RESOURCES CO	01-14-03
W	FLEMING DEAN & ETAL	01-10-48
X	COASTAL FOREST RESOURCES CO	01-10-47
Y	CAIN SAMUEL EST & CAIN GLEN JR	01-10-46
Z	JARRELL WILMA & JEFFREY	01-10-45
AZ	YEATER CHESTER C JR & LORENE REVOCABLE TRUST	01-10-32
B2	RICHTER ROMIEY & CAROL	01-10-33.1
C2	SNIDER GARNET & HUGH	01-10-21
D2	MILLS RITCHIE W & NELSON B	01-09-16
E2	MILLS RITCHIE W & NELSON B	01-09-15
F2	LEMASTERS HAROLD E & BETTY L	12-15-32
G2	BROWN SANDY K	12-15-27
H2	CHRISTY MICHAEL M JR ETAL & HALL SUSAN	12-15-26
I2	CHRISTY MICHAEL M JR ETAL & HALL SUSAN	12-15-25
J2	PITOSCIA WILLIAM R	12-14-27

04/21/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	WILLIAM RITCHEA WTZ	
	WELL #:	47-103-03575	210H
	DISTRICT:	COUNTY:	STATE:
	PROCTOR	WETZEL	WV
			DATE: 04-12-2023
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2