

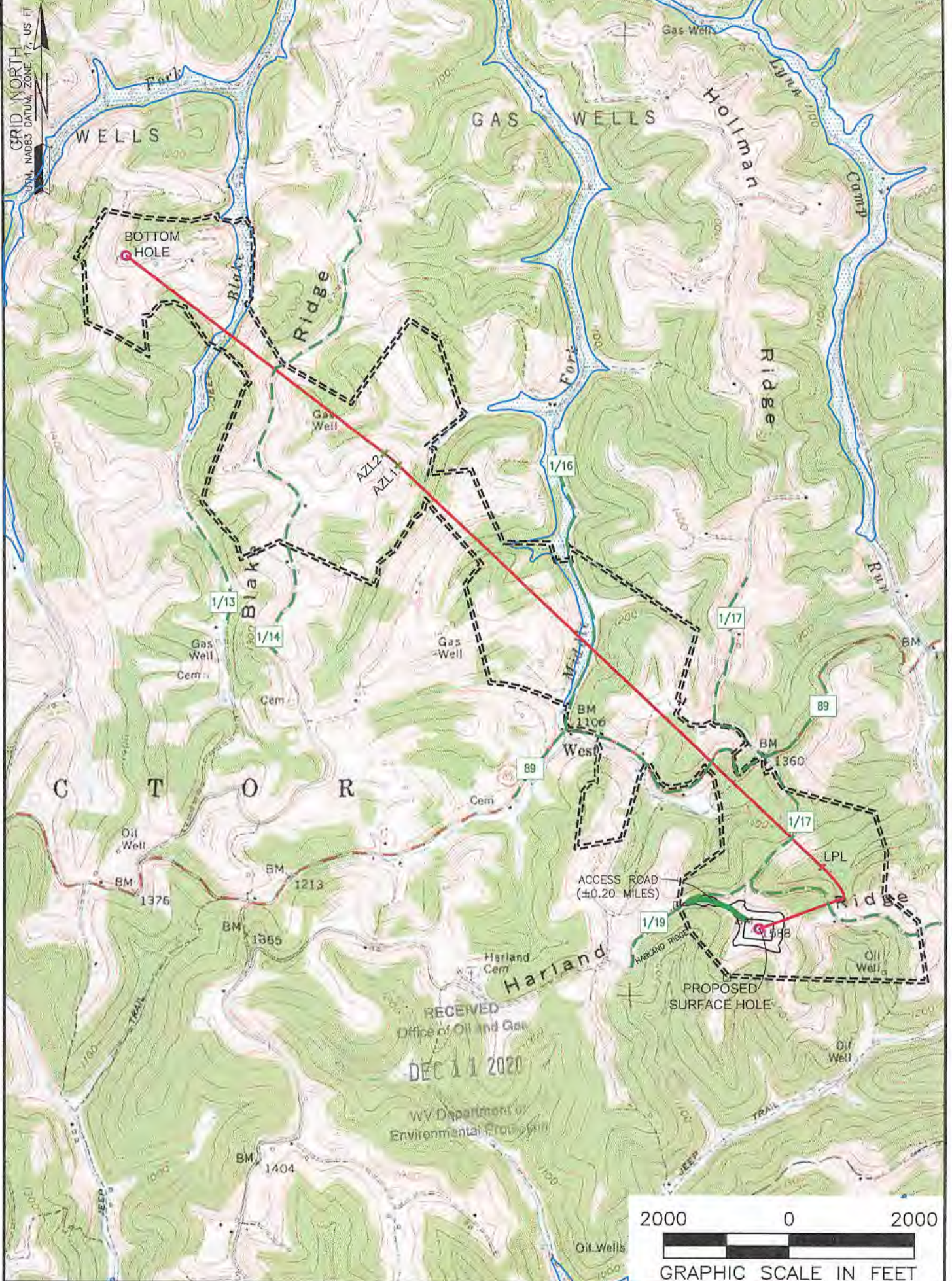
JACKSON SURVEYING

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.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- ▭ FLOOD PLAIN
- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- == LEASE BOUNDARY
- PROPOSED PATH

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> WILLIAM RITCHEA WTZ	<b>WELL #</b> 205H	<b>SERIAL #</b>
<b>ADDRESS:</b> 1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508	<b>COUNTY - CODE</b> WETZEL - 103	<b>DISTRICT;</b> PROCTOR	
<b>SURFACE OWNER:</b> WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA	<b>USGS 7 1/2 QUADRANGLE MAP NAME</b> WILEYVILLE, WV		

Latitude: 39°42'30"

SURFACE HOLE 9608'

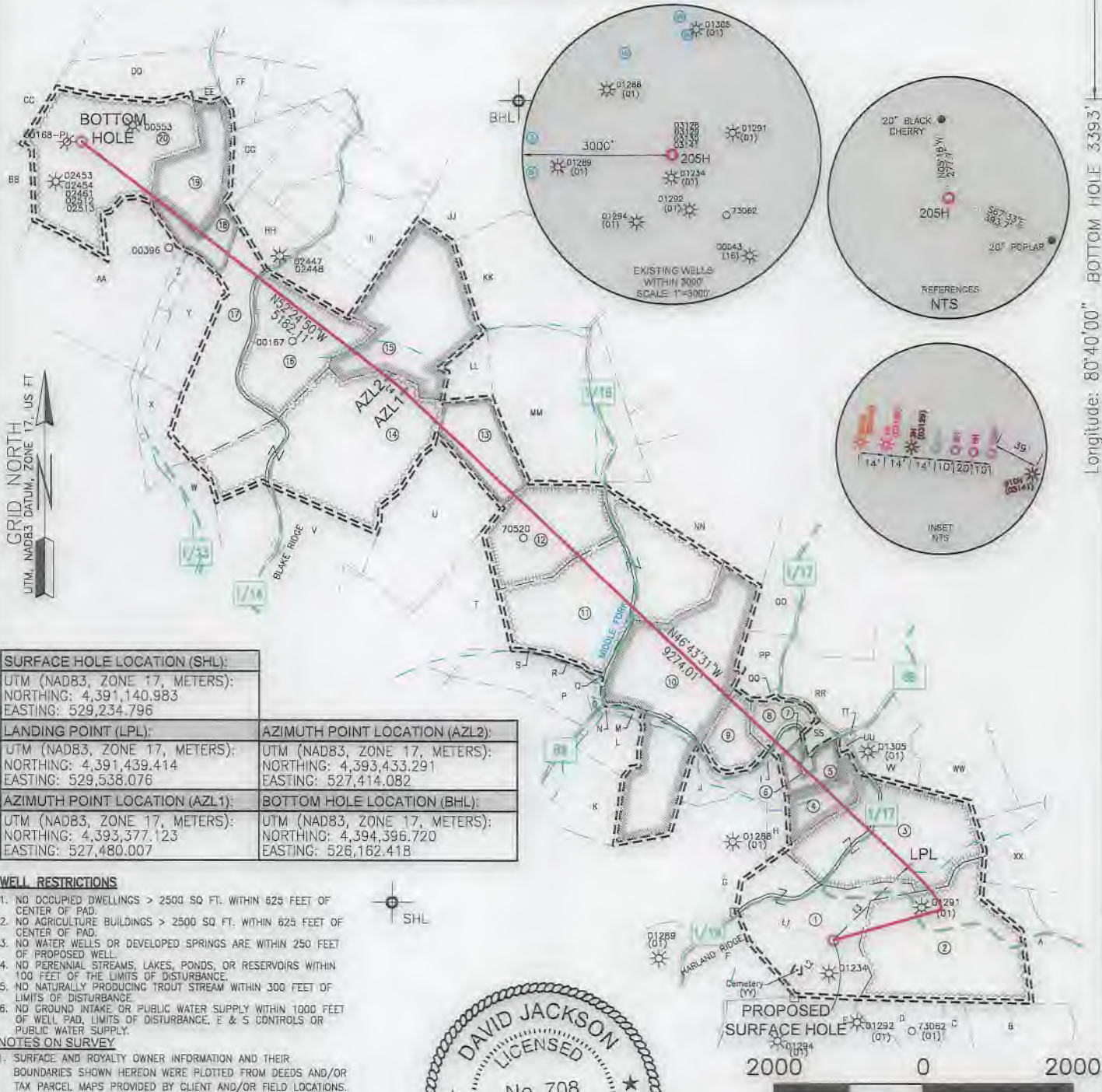
Latitude: 39°42'30"

BOTTOM HOLE 7927'

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LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 74°04'26" W	1373.87'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	S 34°19'41" W	924.31'	SHL TO LANDMARK	FD. 5/8" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 45°27'42" E	1,395.95'	2030.72'	SHL TO LPL
L4	N 49°34'08" W	284.15'	284.25'	AZL1 TO AZL2



SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,391,140.983
EASTING:	529,234.796

LANDING POINT (LPL):		AZIMUTH POINT LOCATION (AZL2):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,391,439.414	NORTHING:	4,393,433.291
EASTING:	529,538.076	EASTING:	527,414.082

AZIMUTH POINT LOCATION (AZL1):		BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,393,377.123	NORTHING:	4,394,396.720
EASTING:	527,480.007	EASTING:	526,162.418

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.
- NO 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.

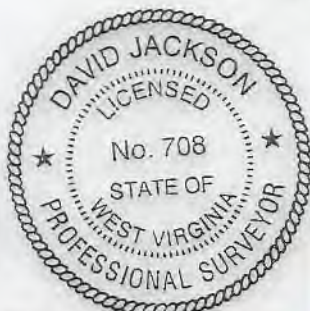
NOTES ON SURVEY

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- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 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



COMPANY: **SWN** Production Company, LLC

WILLIAM RITCHEA WTZ			
OPERATOR'S WELL #:		205H	
API WELL #:	47	103	03368
	STATE	COUNTY	PERMIT

(+) 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)

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

WATERSHED: FISH CREEK (HUC-10) ELEVATION: 1562.9'

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: 7,575' TVD 22,913' 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		11-17-2020
★ EXISTING / PRODUCING WELLHEAD		
LPL ★ LANDING POINT LOCATION		
⊙ EXISTING WATER WELL		
⊙ EXISTING SPRING		
— SURVEYED BOUNDARY		
— DRILLING UNIT		
— LEASE BOUNDARY		
— PROPOSED PATH		
AZL ★ AZMUTH POINT LOCATION		

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WELL BORE TRACTS

TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RITCHEA WILLIAM D & SHIRLEY E (S/R)	12-0015-21
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	DUELLEY BERNARD LEE ETAL & HALL SUSAN (S)	12-0015-22
3	LEMASTERS H C HRS & MANKER ; CHARLES V REVOCABLE LIVING TRUST (S)	12-0015-18
4	RITCHEA GARY A & ALICIA L (S)	12-0015-15
5	URBANEK SCOTT J & CHRYSTAL A (S)	12-0015-14
6	COX JAMES WILLIAM JR (S)	12-0015-14.1
7	URBANEK SCOTT J & CHRYSTAL A (S)	12-0015-03
8	RITCHEA WILLIAM D ; RITCHEA SHIRLEY (S)	12-0015-02
9	RITCHEA WILLIAM D ; RITCHEA SHIRLEY E (S)	12-0015-13.2
10	RITCHEA WILLIAM D & SHIRLEY E (S)	12-0014-09
11	GODDARD WAYNE (S)	12-0009-46
12	WOODSTUFF JOYCE K (S)	12-0009-44
13	BLAKE VERIL JEROME (S)	12-0009-42
14	TEEL GAY & DEWEY (S)	12-0009-41
15	BLAKE VERIL JEROME (S)	12-0009-21
16	LOWE MICHAEL S (S)	12-0009-31.1
17	GREATHOUSE JOHNNY K II ; GREATHOUSE CHELSEA P (S)	12-0009-31
18	HOHMAN ALBERT L & MARY L REVOCABLE LIVING TRUST (S)	12-0009-18
19	HOHMAN ALBERT L & MARY L REVOCABLE LIVING TRUST (S)	12-0009-10
20	BERISFORD BRENT ; BERISFORD CHRIS (S)	12-0009-02

ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
A	HEETER HAROLD JR ETAL	12-0015-23	AA	KELLEY MARGARET SUE	12-0009-17
B	BROWN SANDY K	12-0015-28	BB	SCHEIBELHOOD EDWARD & SANDRA	12-0009-1
C	BROWN SANDY K	12-0015-27	CC	SCHEIBELHOOD KEITH MICHAEL ; SCHEIBELHOOD SALLY L	12-0004-31
D	DUELLEY BERNARD LEE ET AL & HALL SUSAN	12-0015-26	DD	HAYHURST COMPANY; HUGGINS MICHAEL A & PATRICK W HUGGINS PATRICK DEAN HUGGINS	12-0009-3
E	DUELLEY BERNARD LEE ET AL & HALL SUSAN	12-0015-25	EE	HOHMAN ALBERT L & MARY L REVOCABLE LIVING TRUST	12-0009-4
F	PITOSCIA WILLIAM R	12-0014-27	FF	HOHMAN ALBERT L & MARY L REVOCABLE LIVING TRUST	12-0009-5
G	PITOSCIA WILLIAM R	12-0014-16	GG	HOHMAN ALBERT L & MARY L REVOCABLE LIVING TRUST	12-0009-11
H	URBANEK SCOTT J & CHRYSTAL A	12-0015-13	HH	STARKEY JOHN S; JOHN W STARKEY	12-0009-19
I	URBANEK SCOTT & CHRYSTAL	12-0015-13.1	II	BLAKE LONNIE E	12-0009-20
J	RITCHEA WILLIAM D & SHIRLEY E	12-0015-34	JJ	SHULUGA ANDREW D & ANDREA M REVOCABLE TRUST	12-0009-13
K	LASURE MICHAEL E. & VELVA C.	12-0014-06	KK	GODDARD WAYNE L	12-0009-22
L	HUGGINS WAYNE & SANDRA	12-0014-09.1	LL	BLAKE VERIL JEROME	12-0009-32
M	LEMASTERS TONY R & ROBIN M	12-0014-09.2	MM	GODDARD WAYNE L	12-0009-33
N	HUGGINS WAYNE & SANDRA	12-0014-08	NN	HAESSLY HARDWOOD LUMBER CO	12-0010-23
O	HUGGINS WAYNE & SANDRA M	12-0014-07	OO	HUGGINS JOSEPH DEAN ; HUGGINS BOBBIE SUE	12-0010-31
P	HUGGINS WAYNE & SANDRA M	12-0009-46.1	PP	HUGGINS JOSEPH DEAN ; HUGGINS BOBBIE SUE	12-0015-1
Q	GODDARD WAYNE	12-0009-46.4	QQ	RITCHEA WILLIAM D ; RITCHEA SHIRLEY	12-0015-1.1
R	HUGGINS WAYNE & SANDRA M	12-0009-46.2	RR	HAESSLY LAND AND TIMBER LLC	12-0015-4
S	GODDARD WAYNE	12-0009-46.3	SS	STILES MARILYN DIANE ; STILES JESSIE GLENN	12-0015-14.2
T	KEENEY NORMAN E JR & NANCY M	12-0009-45	TT	STILES MARILYN DIANE ; STILES JESSIE GLENN	12-0015-16
U	BLAKE VERIL JEROME	12-0009-40	UU	RITCHEA GARY	12-0015-15.1
V	TAYLOR JAMES S	12-0009-39	VV	HAESSLY LAND AND TIMBER LLC	12-0015-17
W	PENDBURY ROBERT C & DENISE M	12-0009-38	WW	HAESSLY LAND AND TIMBER LLC	12-0015-5
X	HOHMAN ALBERT & MARY RLT ; HOHMAN JOE	12-0009-29.2	XX	LEMASTERS DOLLY G EST	12-0015-19
Y	HOHMAN ALBERT & MARY RLT ; HOHMAN JOE	12-0009-17.1	YY	LEMASTERS CEMETERY	12-15-20
Z	HOHMAN ALBERT & MARY RLT ; HOHMAN JOE	12-0009-17.2			

REVISIONS:	COMPANY:	 	
	OPERATOR'S	WILLIAM RITCHEA WTZ	
	WELL #:	17-103-03368	205H
	DISTRICT:	PROCTOR	COUNTY: WETZEL
			STATE: WV
			DATE: 11-17-2020
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2