

Latitude: 39°42'30"

SURFACE HOLE 9608'

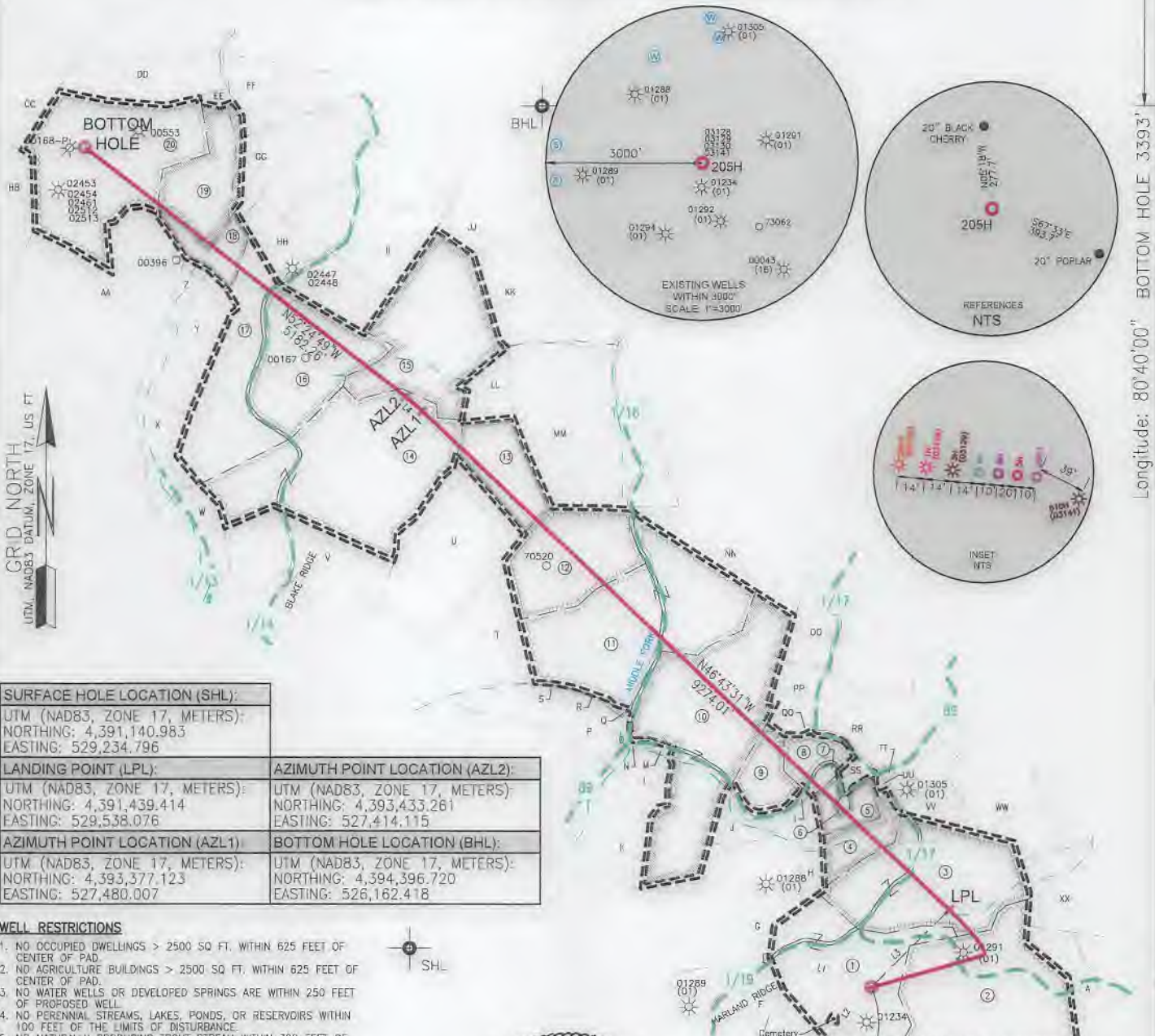
Latitude: 39°42'30"

BOTTOM HOLE 7927'

JACKSON SURVEYING INC.

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

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'	2245.10'	SHL TO LPL
L4	N 49°34'11" W	284.00'	284.10'	AZL1 TO AZL2



Longitude: 80°40'00" BOTTOM HOLE 3393'

Longitude: 80°37'30"

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: 4,393,433.261
EASTING: 529,538.076	EASTING: 527,414.115
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

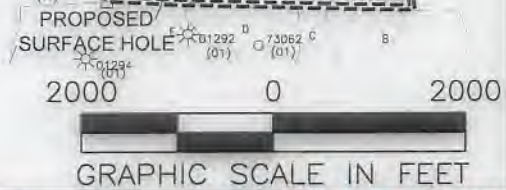
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE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



	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	WILLIAM RITCHEA WTZ
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	OPERATOR'S WELL #: 205H
			API WELL #: 47 STATE 103 COUNTY PERMIT 03368 MOD

WELL TYPE: OIL	WASTE DISPOSAL	PRODUCTION	DEEP	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	STORAGE	SHALLOW <input checked="" type="checkbox"/>
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 <input checked="" type="checkbox"/>	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION	PERFORATE NEW FORMATION		
CONVERT	PLUG & ABANDON	CLEAN OUT & REPLUG	OTHER CHANGE (SPECIFY)				
TARGET FORMATION: MARCELLUS				ESTIMATED DEPTH: 7,570' TVD 22,925' TMD			

03/12/2021

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: 03-03-2021
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 AZL* AZIMUTH POINT LOCATION	DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT

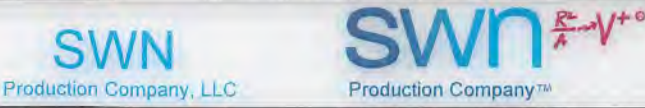
JACKSON SURVEYING
INC.
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

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 ET AL & 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	PENDLEBURY 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			

03/12/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	WILLIAM RITCHEA WTZ	
	WELL #:	47-103-03368 MOD 205H	
	DISTRICT:	COUNTY:	STATE:
	PROCTOR	WETZEL	WV
			DATE: 03-03-2021
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2

JACKSON SURVEYING
INC.
2413 EAST PIKE ST. # 112
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DRAFT
OPERATIONS
TEAM Review
02-26-2021



NOTES ON SURVEY

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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

03/12/2021

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: WILLIAM RITCHEA WTZ	WELL # 205H	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		