

Latitude: 39°42'30"

SURFACE HOLE 9,637'

Latitude: 39°40'00"

BOTTOM HOLE 2,473'

JACKSON SURVEYING INC.

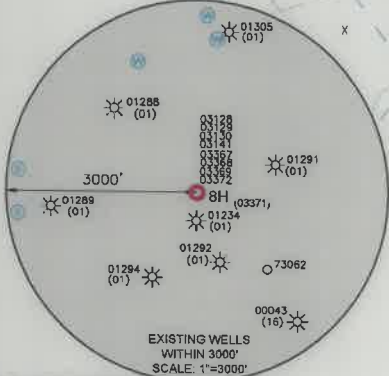
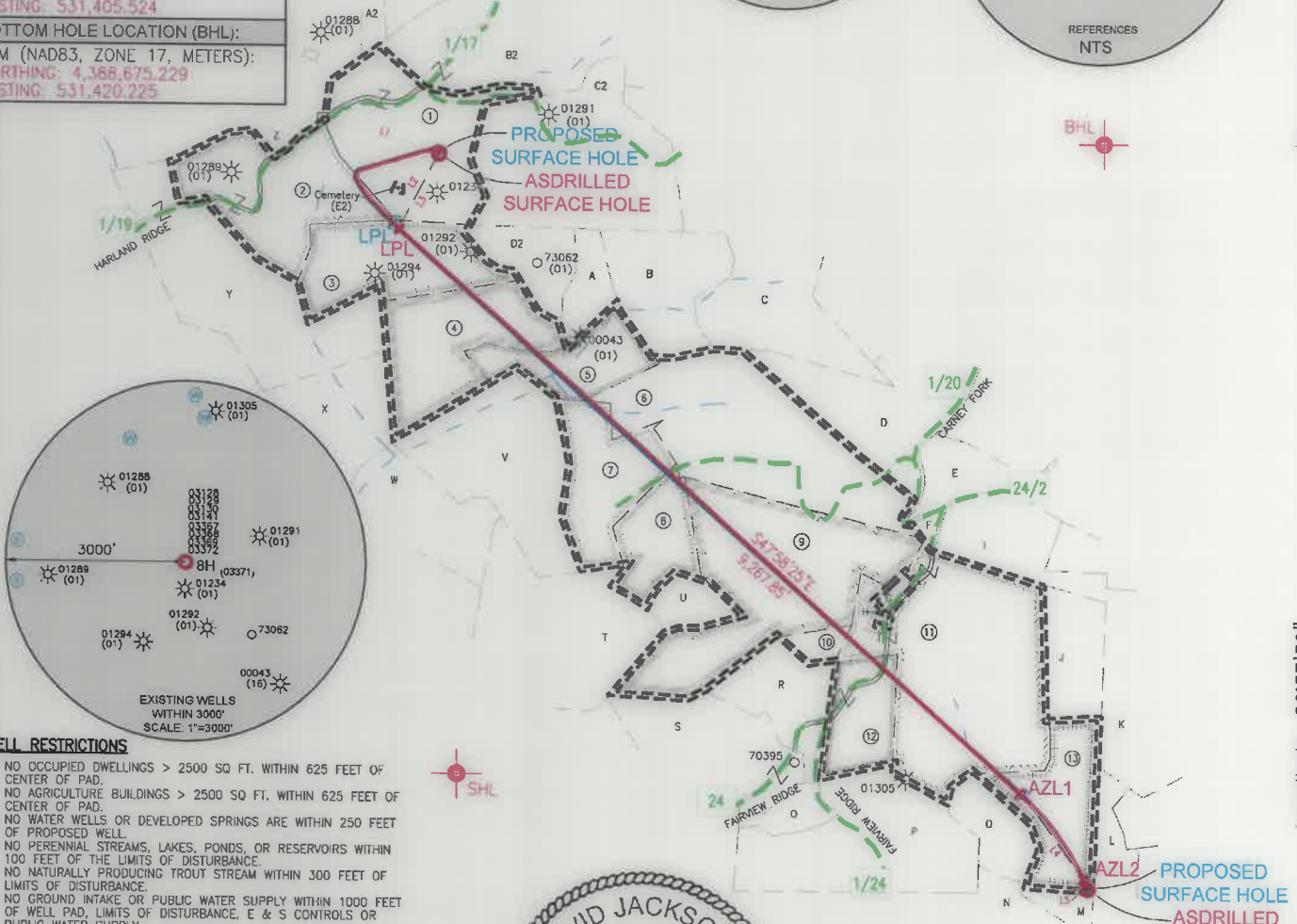
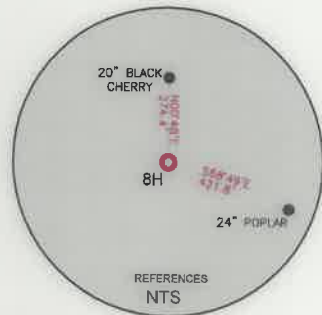
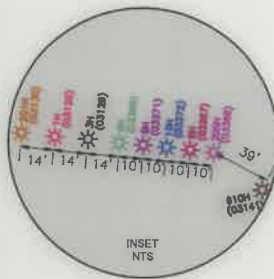
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 73°48'54" W	1,344.92'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	S 32°43'03" W	909.77'	SHL TO LANDMARK	FD. 5/8" REBAR
L5	S 24°34'26" E	115.97'	AZL TO BHL	

LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	S 27°43'12" W	954.25'	1,832.23'	SHL TO LPL
L4	S 37°10'38" E	1,176.09'	1,162.86'	AZL1 TO AZL2

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,391,141.626	
EASTING: 529,225.798	
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,390,884.152	
EASTING: 529,090.506	
AZIMUTH POINT LOCATION-1 (AZL1):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,388,992.996	
EASTING: 531,188.906	
AZIMUTH POINT LOCATION-2 (AZL2):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,388,707.376	
EASTING: 531,405.524	
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,388,675.229	
EASTING: 531,420.225	

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. 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.

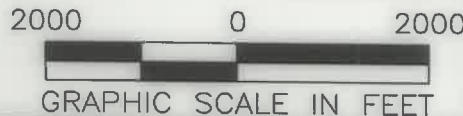
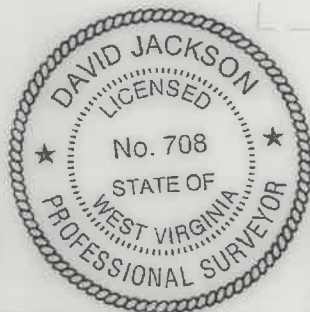
NOTES ON SURVEY

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



COMPANY:



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

WILLIAM RITCHEA WTZ

OPERATOR'S WELL #: 8H

API WELL #: 47 103 03371

STATE COUNTY PERMIT

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

WATERSHED: FISH CREEK (HUC-10) ELEVATION: 1,563.0'

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) ASDRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 10/01/2021' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:		PROPOSED SURFACE HOLE / BOTTOM HOLE		SURVEYED BOUNDARY	REVISIONS:	DATE: 08-18-2021
		EXISTING / PRODUCING WELLHEAD		DRILLING UNIT		
		LANDING POINT LOCATION		LEASE BOUNDARY		DRAWN BY: N. MANO
		EXISTING WATER WELL		ASDRILLED PATH		SCALE: 1" = 2000'
	EXISTING SPRING		PROPOSED PATH			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	PITOSCIA WILLIAM R(S)	12-0014-27
3	DUELLEY BERNARD LEE ET AL & HALL SUSAN (S)	12-0015-25
4	LEMASTERS HAROLD E & BETTY S; LEMASTERS KEYSTONE TRUST & STANSBERRY LINDA SNIDER & SNIDER JAMES F. (S)	12-0015-31
5	LEMASTERS HAROLD E & BETTY S; LEMASTERS KEYSTONE TRUST & STANSBERRY LINDA SNIDER & SNIDER JAMES F. (S)	12-0015-32
6	MELOTT TERREL LEMOYN (S)	01-0010-22
7	A&D WOODLANDS LTD(S)	01-0009-15
8	RITCHEA WILLIAM D ; RITCHEA SHIRLEY (S)	01-0009-16
9	RITCHEA WILLIAM D ; RITCHEA SHIRLEY E (S)	01-0010-21
10	WYKERT WAYNE (S)	01-0010-45.2
11	RITCHEA WILLIAM D & SHIRLEY E (S)	01-0010-33
12	WYKERT WAYNE (S)	01-0010-45.1
13	FLEMING ALAN & CYNTHIA (S)	01-0010-48

ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL
A	BROWN SANDY K	12-0015-27
B	BROWN SANDY K	12-0015-28
C	YOHO KIMBERLY & KEITH ALLEN	12-0015-29
D	MELOTT TERREL L	01-0010-10
E	BARD VANESSA	01-0010-11.1
F	WYKERT ERIC D	01-0010-23
G	RICHTER ROMEO & CAROL	01-0010-33.1
H	YEATER CHESTER C JR & LORENE REVOCABLE TRUST	01-0010-32
I	MCMILLEN SHARON J	01-0010-25
J	MCMILLEN SHARON J	01-0010-34
K	LASURE MICHAEL E. & VELVA C.	01-0010-35
L	COASTAL FOREST RESOURCES CO	01-0014-03
M	COASTAL FOREST RESOURCES CO & COASTAL TIMBERLANDS CO	01-0014-02.1
N	CAIN GLENN JR & ELEANOR T	01-0014-02
O	COASTAL FOREST RESOURCES CO	01-0010-47
P	CAIN SAMUEL EST & CAIN GLEN JR	01-0010-46
Q	WYKERT VERNA L	01-0009-13
R	JERRELL WILMA & JEFFREY (S)	01-0010-45
S	WYKERT VERNA L	01-0009-12
T	MELLOTT EDWARD NOEL HRS	01-0009-06
U	MELLOTT EDWARD NOEL HRS	01-0009-05
V	MELLOTT TERREL	01-0009-14
W	RICHMAN TROY M	01-0009-04
X	CECIL ROBERT LEE	12-0015-33
Y	PITOSCIA ANTHONY A & DAVID T	12-0014-26
Z	PITOSCIA WILLIAM R	12-0014-16
A2	URBANEK SCOTT J & CHRYSAL A	12-0015-13
B2	LEMASTERS H C HRS & MANKER; CHARLES V REVOCABLE LIVING TRU	12-0015-18
C2	DUELLEY BERNARD LEE ETAL & HALL SUSAN	12-0015-22
D2	DUELLEY BERNARD LEE ETAL & HALL SUSAN	12-0015-26
E2	LEMASTERS CEMETERY	12-0015-20

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,391,141.788 EASTING: 529,225.692
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,390,900.221 EASTING: 529,069.795
AZIMUTH POINT LOCATION-1 (AZL1): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,388,988.625 EASTING: 531,197.313
AZIMUTH POINT LOCATION-2 (AZL2): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,388,690.685 EASTING: 531,412.953
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4,388,677.399 EASTING: 531,418.796

REVISIONS:	COMPANY:	10/01/2021	
	SWN Production Company, LLC	swn Production Company™	
	OPERATOR'S	WILLIAM RITCHEA WTZ	API#
	WELL #:	8H	47-103-03371
	DISTRICT:	COUNTY:	STATE:
	PROCTOR	WETZEL	WV
			DATE: 08-18-2021
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2