

Latitude: 39°42'30"

SURFACE HOLE 9,617'

Latitude: 39°42'30"

BOTTOM HOLE 4,938'

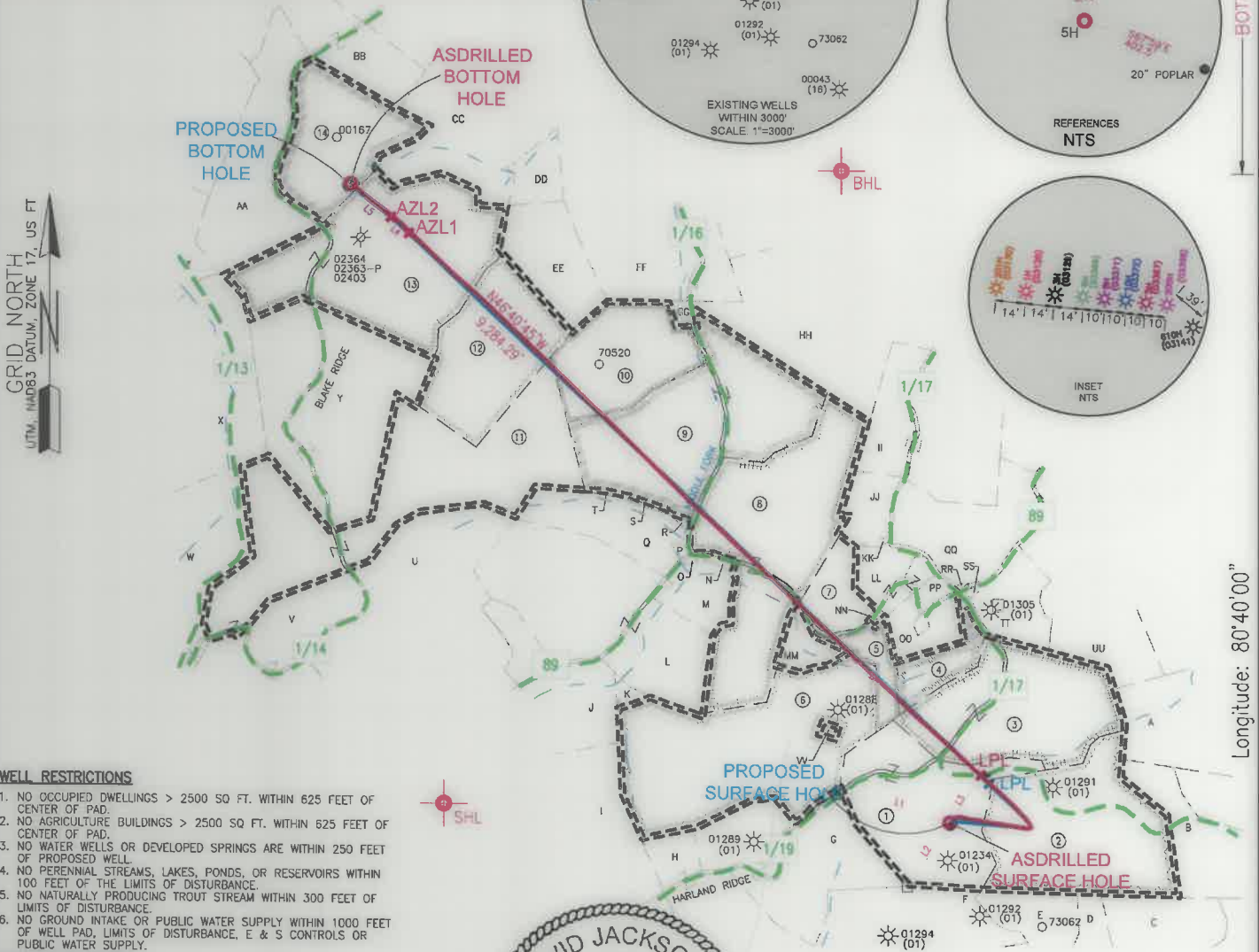
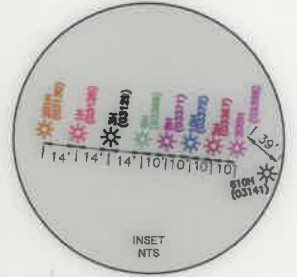
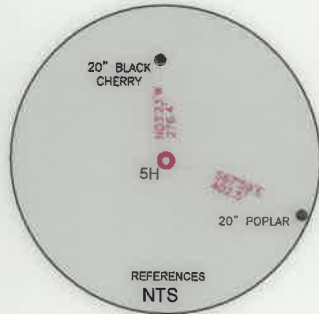
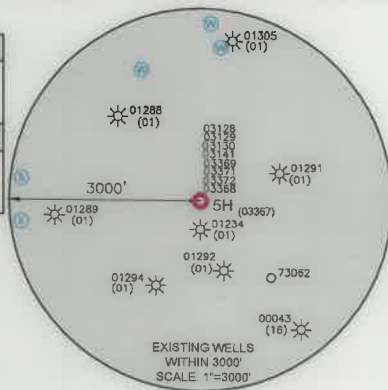
JACKSON SURVEYING INC.

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

Table with columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains survey data for lines L1, L2, L3, L4 and L5.

Table with columns: SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LPL), AZIMUTH POINT LOCATION (AZL1), UTM (NAD83, ZONE 17, METERS):

Table with columns: AZIMUTH POINT LOCATION (AZL2), BOTTOM HOLE LOCATION (BHL), UTM (NAD83, ZONE 17, METERS):



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.

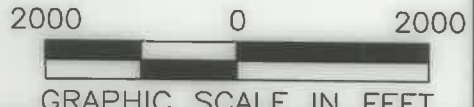
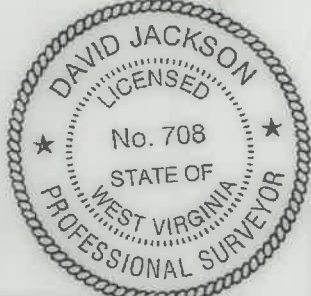
NOTES ON SURVEY

- 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.
4. 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
Production Company, LLC Production Company™

STATE OF WEST VIRGINIA seal and WVDEP address: 601 57TH STREET CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

WILLIAM RITCHEA WTZ
OPERATOR'S WELL #: 5H
API WELL #: 47 STATE 103 COUNTY 03367 PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: FISH CREEK (HUC-10)
DISTRICT: PROCTOR COUNTY: WETZEL
SURFACE OWNER: WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA
OIL & GAS ROYALTY OWNER: WILLIAM D. RITCHEA & SHIRLEY E. RITCHEA
ELEVATION: 1562.8'
QUADRANGLE: WILEYVILLE, WV
ACREAGE: ±62.00
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 [X] (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, EXISTING / PRODUCING WELLHEAD, LPL, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, ASDRILLED PATH, PROPOSED PATH, AZL, AZIMUTH POINT LOCATION

**JACKSON SURVEYING
INC.**

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WELL BORE TRACTS

TRACT	SURFACE OWNER (S) /ROYALTY OWNER (R)	TAX PARCEL
1	William D. Ritchea & Shirley E. Ritchea (S/R)	12-15-21
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	DUELLEY BERNARD LEE ET AL & HALL SUSAN (S)	12-15-22
3	LEMASTERS H C HRS & MANKER CHARLES V REVOCABLE LIVING TRUST (S)	12-15-18
4	RITCHEA GARY A & ALICIA L (S)	12-15-15
5	URBANEK SCOTT J & CHRYSTAL A (S)	12-15-13
6	PITOSCIA WILLIAM R (S)	12-14-16
7	RITCHEA WILLIAM D; RITCHEA SHIRLEY E (S)	12-15-13.2
8	RITCHEA WILLIAM D & SHIRLEY E (S)	12-14-9
9	GODDARD WAYNE (S)	12-9-46
10	WOODSTUFF JOYCE K (S)	12-9-44
11	KEENEY NORMAN E JR & NANCY M (S)	12-9-45
12	BLAKE VERIL JEROME (S)	12-9-40
13	TEEL GAY & DEWEY (S)	12-9-41
14	LOWE MICHAELS (S)	12-9-31.1

ADJOINING OWNERS TABLE

TRACT	Surface owners	TAX PARCEL
A	LEMASTERS DOLLY G EST	12-15-19
B	HEETER HAROLD JR ETAL	12-15-23
C	BROWN SANDY K	12-15-28
D	BROWN SANDY K	12-15-27
E	DUELLEY BERNARD LEE ET AL & HALL SUSAN	12-15-26
F	DUELLEY BERNARD LEE ET AL & HALL SUSAN	12-15-25
G	PITOSCIA WILLIAM R	12-14-27
H	PITOSCIA ANTHONY A & DAVID T	12-14-26
I	RIDGETOP CAPITAL LP	12-14-25
J	LASURE MICHAEL E & VELVA C	12-14-14
K	LASURE MICHAEL E & VELVA C	12-14-15
L	LASURE MICHAEL E & VELVA C	12-14-6
M	HUGGINS WAYNE & SANDRA	12-14-9.1
N	LEMASTERS TONY R & ROBIN M	12-14-9.2
O	HUGGINS WAYNE & SANDRA	12-14-8
P	HUGGINS WAYNE & SANDRA M	12-14-7
Q	HUGGINS WAYNE & SANDRA M	12-9-46.1
R	GODDARD WAYNE	12-9-46.4
S	HUGGINS WAYNE & SANDRA M	12-9-46.2
T	GODDARD WAYNE	12-9-46.3
U	APPALACHIA MIDSTREAM SERVICES LLC	12-14-4.1
V	SWN PRODUCTION COMPANY LLC	12-14-13
W	PENDLEBURY ROBERT C & DENISE M	12-14-3
X	PENDLEBURY ROBERT C & DENISE M	12-9-38
Y	TAYLOR JAMES S	12-9-39
Z	HOHMAN ALBERT & MARY RLT; HOHMAN JOE	12-9-29.2
AA	GREATHOUSE JOHNNY K II & CHELSEA P	12-9-31
BB	STARKEY JOHN S; STARKEY JOHN W	12-9-19
CC	BLAKE VERIL JEROME	12-9-21
DD	BLAKE VERIL JEROME	12-9-32
EE	BLAKE VERIL JEROME	12-9-42
FF	GODDARD WAYNE L	12-9-33
GG	HAESSLY HARDWOOD LUMBER CO	12-10-23
HH	HUGGINS JOSEPH DEAN; HUGGINS BOBBIE SUE	12-10-31
II	HUGGINS JOSEPH DEAN; HUGGINS BOBBIE SUE	12-15-1
JJ	RITCHEA WILLIAM D; RITCHEA SHIRLEY	12-15-1.1
KK	RITCHEA WILLIAM D; RITCHEA SHIRLEY	12-15-2
LL	RITCHEA WILLIAM D; RITCHEA SHIRLEY	12-15-34
MM	URBANEK SCOTT & CHRYSTAL	12-15-13.1
NN	URBANEK SCOTT J & CHRYSTAL A	12-15-3
OO	URBANEK SCOTT J & CHRYSTAL A	12-15-14
PP	STILES MARILYN DIANE; STILES JESSIE GLENN	12-15-14.2
QQ	HAESSLY LAND AND TIMBER LLC	12-15-4
RR	RITHEA JAMES L	12-15-4.1
SS	RITCHEA GARY	12-15-15.1
TT	HAESSLY LAND AND TIMBER LLC	12-15-17
UU	HAESSLY LAND AND TIMBER LLC	12-15-5
VV	LEMASTERS CEMETERY	12-15-20

SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,391,141.252
EASTING: 529,231.760

LANDING POINT LOCATION (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,391,284.164
EASTING: 529,368.698

AZIMUTH POINT LOCATION (AZL1):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,393,243.096
EASTING: 527,285.380

AZIMUTH POINT LOCATION (AZL2):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,393,298.670
EASTING: 527,220.241

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,393,412.089
EASTING: 527,073.507

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN
Production Company™

10/01/2021

OPERATOR'S

WILLIAM RITCHEA WTZ

API#

DATE: 08-18-2021

WELL #:

5H

47-103-03367

DRAWN BY: N. MANO

DISTRICT:
PROCTOR

COUNTY:
WETZEL

STATE:
WV

SCALE: N/A

DRAWING NO:
WELL LOCATION PLAT 2