

Latitude: 39°42'30"

SURFACE HOLE 9,608'

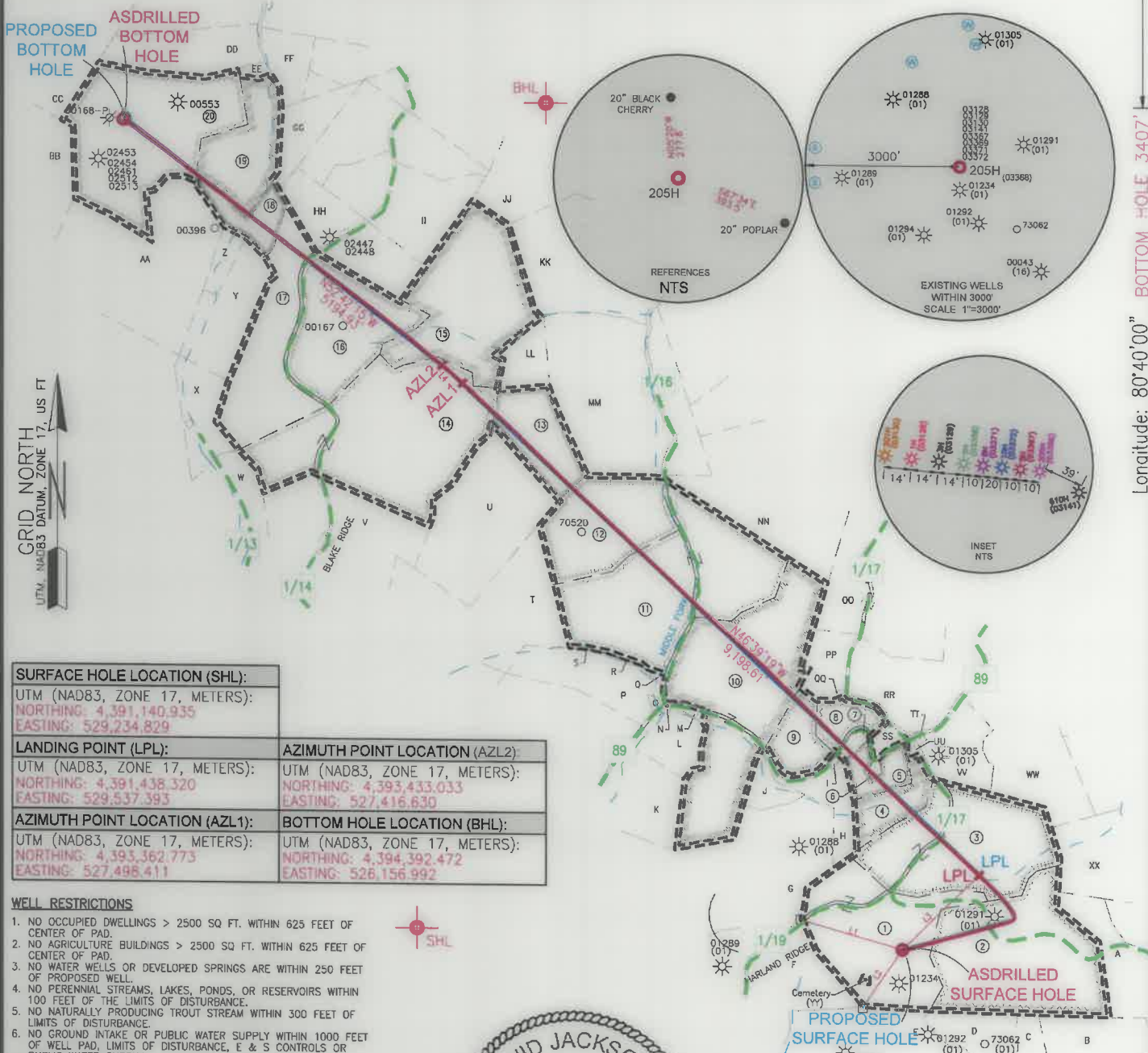
Latitude: 39°42'30"

BOTTOM HOLE 7,945'

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.



SURFACE HOLE LOCATION (SHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,391,140.935
EASTING: 529,234.829

LANDING POINT (LPL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,391,438.320
EASTING: 529,537.393

AZIMUTH POINT LOCATION (AZL2):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,393,433.033
EASTING: 527,416.630

AZIMUTH POINT LOCATION (AZL1):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,393,362.773
EASTING: 527,498.411

BOTTOM HOLE LOCATION (BHL):

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,392.472
EASTING: 526,156.992

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.

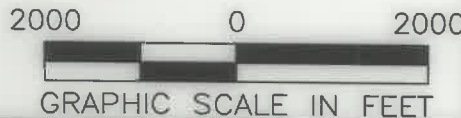
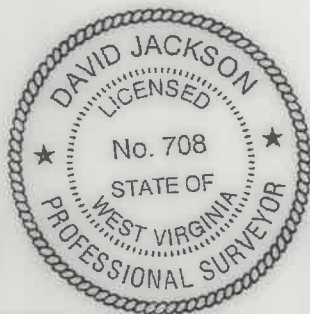
NOTES ON SURVEY

- 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 PLAN 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 PLAN 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

(+) 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 #: 205H
API WELL #: 47 103 03368
STATE COUNTY 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: 1562.9'
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



Table with columns: LEGEND, REVISIONS, DATE. Includes symbols for proposed surface hole, existing wellhead, landing point, and survey boundary.

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 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	PENDELBURY 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			

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,391,140.983 EASTING: 529,234.796
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,391,439.414 EASTING: 529,538.076
AZIMUTH POINT LOCATION (AZL1):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,393,577.123 EASTING: 527,480.007
AZIMUTH POINT LOCATION (AZL2):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,393,433.261 EASTING: 527,414.115
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,394,396.720 EASTING: 526,162.418

REVISIONS:	COMPANY:	10/01/2021 R-V+0	
			
	OPERATOR'S WELL #:	WILLIAM RITCHEA WTZ 205H	API# 47-103-03368
	DISTRICT: PROCTOR	COUNTY: WETZEL	STATE: WV
			DATE: 08-18-2021 DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2