

Latitude: 39°47'30"

SURFACE HOLE 9122'

BOTTOM HOLE 4,051'

Latitude: 39°50'00"

JACKSON SURVEYING

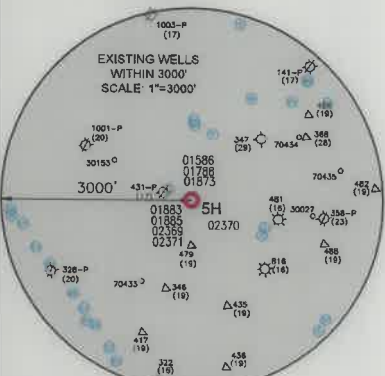
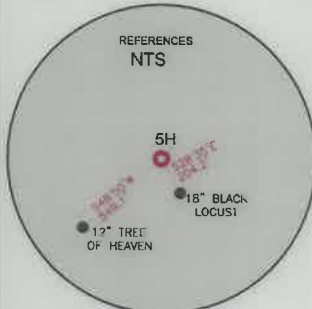
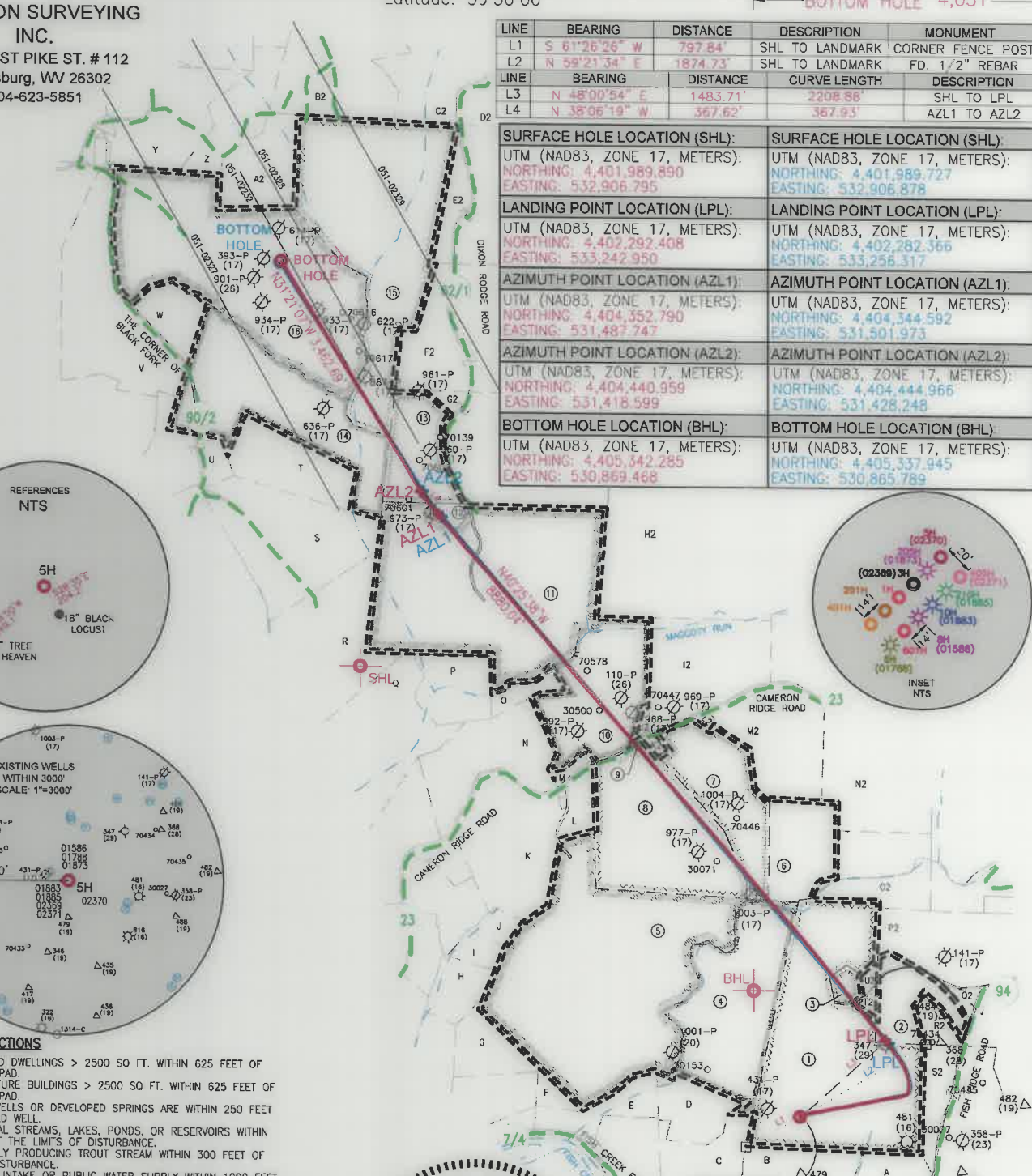
INC.

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

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 61°26'26" W	797.84'	SHL TO LANDMARK	CORNER FENCE POST
L2	N 59°21'34" E	1874.73'	SHL TO LANDMARK	FD. 1/2" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 48°00'54" E	1483.71'	2208.86'	SHL TO LPL
L4	N 38°06'19" W	367.62'	367.63'	AZL1 TO AZL2

SURFACE HOLE LOCATION (SHL):		SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,401,989.890		NORTHING: 4,401,989.727	
EASTING: 532,906.795		EASTING: 532,906.878	
LANDING POINT LOCATION (LPL):		LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,402,292.408		NORTHING: 4,402,282.366	
EASTING: 533,242.950		EASTING: 533,256.317	
AZIMUTH POINT LOCATION (AZL1):		AZIMUTH POINT LOCATION (AZL1):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,404,352.790		NORTHING: 4,404,344.592	
EASTING: 531,487.747		EASTING: 531,501.973	
AZIMUTH POINT LOCATION (AZL2):		AZIMUTH POINT LOCATION (AZL2):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,404,440.959		NORTHING: 4,404,444.956	
EASTING: 531,418.599		EASTING: 531,428.248	
BOTTOM HOLE LOCATION (BHL):		BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):		UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,405,342.285		NORTHING: 4,405,337.945	
EASTING: 530,869.468		EASTING: 530,865.789	

GRID NORTH
UTM - NAD83 DATUM, ZONE 17, US FT



WELL RESTRICTIONS

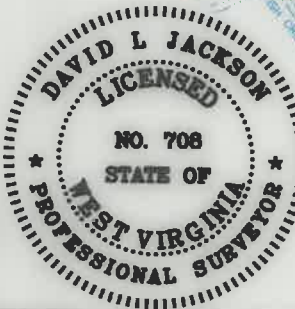
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE 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: **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: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: GLADYS BRIGGS MSH OPERATOR'S WELL #: 5H API WELL #: 47 051 02370 STATE COUNTY PERMIT
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WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: FISH CREEK (HUC-10) ELEVATION: 1382.7'

DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: CAMERON 7 1/2', WV

SURFACE OWNER: GLADYS R. BRIGGS ESTATE ACREAGE: ±121.429

OIL & GAS ROYALTY OWNER: GLADYS R. BRIGGS ESTATE ACREAGE: ±121.429

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: 12/03/2021 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:	<ul style="list-style-type: none"> PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH AZL * AZIMUTH POINT LOCATION 	REVISIONS: DATE: 10-25-2021 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
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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	BRIGGS GLADYS R EST (S/R)	07-16-02
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	YEATER PRESTON & HEATHER L (S)	07-16-29.4
3	YEATER PRESTON A ET UX (S)	07-16-16.1
4	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX (S)	07-10-08
5	BUZZARD DONALD G ET UX (S)	07-10-07
6	CLARK CHARLES R & WHIPKEY MARILYN V (S)	07-10-11
7	CLARK CHARLES R & WHIPKEY MARILYN V (S)	07-10-05
8	ANDERSON ALVIN RICKEY ET AL (S)	07-10-06
9	STERN DONALD G ET AL (S)	07-10-6.1
10	CLARK CHARLES R S)	07-10-01
11	KASSERMAN RONALD WM (S)	07-08-09
12	FIFE HOWARD C - LIFE - DOWNING STEVEN D (S)	07-08-9.1
13	STERN BLAINE E JR (S)	07-08-12
14	DOBBS JOHN ALFRED & LEORA - LIFE (S)	07-08-04
15	KERNS DANNY R & FRANCES V ESTS (S)	07-08-02
16	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT (S)	09-12-14

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BRIGGS JACK J	07-16-05
B	MASON DIXON FARMS LLC	07-16-06
C	MASON DIXON FARMS LLC	07-17-19.1
D	MASON DIXON FARMS LLC	07-17-19
E	SIMMS ROBERT S & SHELIA D	07-17-18
F	MCCULLEY BETTY TAYLOR ET VIR	07-17-17
G	MCCULLEY BETTY TAYLOR ET VIR	07-17-14
H	MCCULLEY BETTY TAYLOR ET VIR	07-09-34
I	MCCULLEY BETTY TAYLOR ET VIR	07-09-33
J	BERNAS JOSEPH C	07-09-32
K	BUZZARD DONALD G ET UX	07-09-28
L	ASTON PAUL & SUSAN	07-09-26
M	NOUILLET BENJAMIN R & CARLA J	07-10-1.1
N	CLARK CHARLES R & WHIPKEY MARILYN V	07-09-28.2
O	HINERMAN MARK P & SHELLI W DANNER	07-09-25
P	DOBBS GARY L	07-09-24
Q	ASTON PAUL & SUSAN	07-09-21
R	DOBBS JOHN ALFRED & LEORA - LIFE	07-09-23
S	DOBBS JOHN ALFRED & LEORA - LIFE	07-08-08
T	DOBBS JOHN ALFRED & LEORA - LIFE	07-08-05
U	WHIPKEY DAVID & CAROL TRUSTR; KELLEY ELIZABETH J; HAGIN RANDOLPH EUGENE	09-12-17
V	WHIPKEY DAVID L & DAVID MATTHEW	09-12-12
W	WHIPKEY DAVID L & DAVID MATTHEW	09-12-15
X	LATTER DAY SAINTS CHURCH	09-09-15
Y	KERNS DANNY R & FRANCES V ESTS	09-09-14
Z	KERNS DANNY R & FRANCES V ESTS	09-09-13
A2	KERNS DANNY R & FRANCES V ESTS	07-08-01
B2	KERNS DANNY R & FRANCES V ESTS	07-01-03
C2	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	07-01-04
D2	EVANS KAREN S & MATTHEWS JUDY M	07-01-05
E2	BURRIS GEO A ET AL	07-08-14
F2	STERN BLAINE E JR	07-08-13
G2	STERN BLAINE E JR	07-08-11
H2	GRAHAM WAYNE E JR ET UX	07-07-04
I2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-04
J2	SCHWING RICKY	07-10-02
K2	STERN PAUL F	07-10-03
L2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-4.1
M2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-12
N2	DOBBS GARY RAY ET AL	07-10-18
O2	CLARK JAMES M	07-10-09
P2	LEMASTERS VINCENT E	07-10-24
Q2	YEATER THELMA - LIFE	07-16-29
R2	YEATER PRESTON A ET UX	07-16-29.2
S2	BRIGGS GLADYS R EST	07-16-03
T2	BRIGGS JACK	07-16-2.1
U2	BRIGGS PATTY K	07-16-2.2

REVISIONS:

COMPANY:

SWN

Production Company, LLC

swN

Production Company™

12/03/2021

OPERATOR'S GLADYS BRIGGS MSH

WELL #: 5H

DISTRICT:
LIBERTY

COUNTY:
MARSHALL

API #: 047-051-02370

STATE:
WV

DATE: 10-25-2021

DRAWN BY: N. MANO

SCALE: N/A

DRAWING NO:
WELL LOCATION PLAT 2