

Latitude: 39°47'30"

SURFACE HOLE 9142'

Latitude: 39°50'00"

BOTTOM HOLE 4,831'

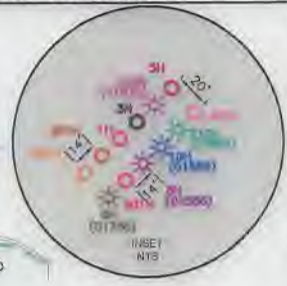
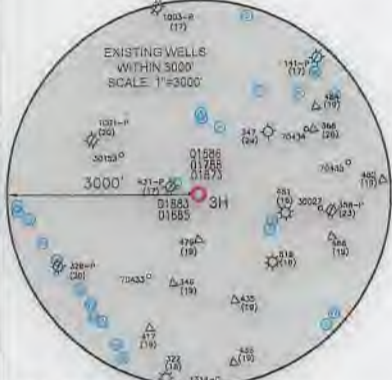
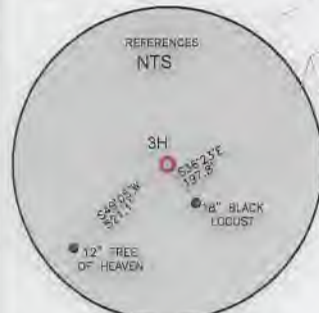
JACKSON SURVEYING INC.

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

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 62°03'03" W	771.05'	SHL TO LANDMARK	CORNER FENCE POST
L2	N 59°08'30" E	1901.86'	SHL TO LANDMARK	FD. 1/2" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 79°58'42" E	827.85'	2142.20'	SHL TO LPL
L4	N 36°50'02" W	334.28'	334.46'	AZL1 TO AZL2

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,401,983.741
	EASTING: 532,900.810
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,402,044.863
	EASTING: 533,145.562
AZIMUTH POINT LOCATION (AZL1):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,404,211.273
	EASTING: 531,316.106
AZIMUTH POINT LOCATION (AZL2):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,404,292.822
	EASTING: 531,255.024
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,405,234.207
	EASTING: 530,632.228

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

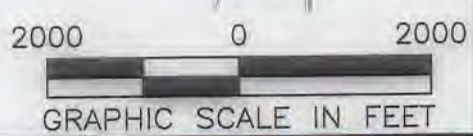


- WELL RESTRICTIONS**
- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
 - NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
 - NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
 - NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
 - 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**
- 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.
 - THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 - ALL INSERTS 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

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200	GLADYS BRIGGS MSH
	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 3H
	API WELL #: 47 STATE, 051 COUNTY, 02369 PERMIT	

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)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,172' TVD 21,109' 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:	REVISIONS:	DATE:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		01-25-2021
⊗ EXISTING / PRODUCING WELLHEAD		
LPL * LANDING POINT LOCATION		
⊙ EXISTING WATER WELL		
⊕ EXISTING SPRING		
— SURVEYED BOUNDARY		
— DRILLING UNIT		
— LEASE BOUNDARY		
— PROPOSED PATH		
AZL * AZIMUTH POINT LOCATION		

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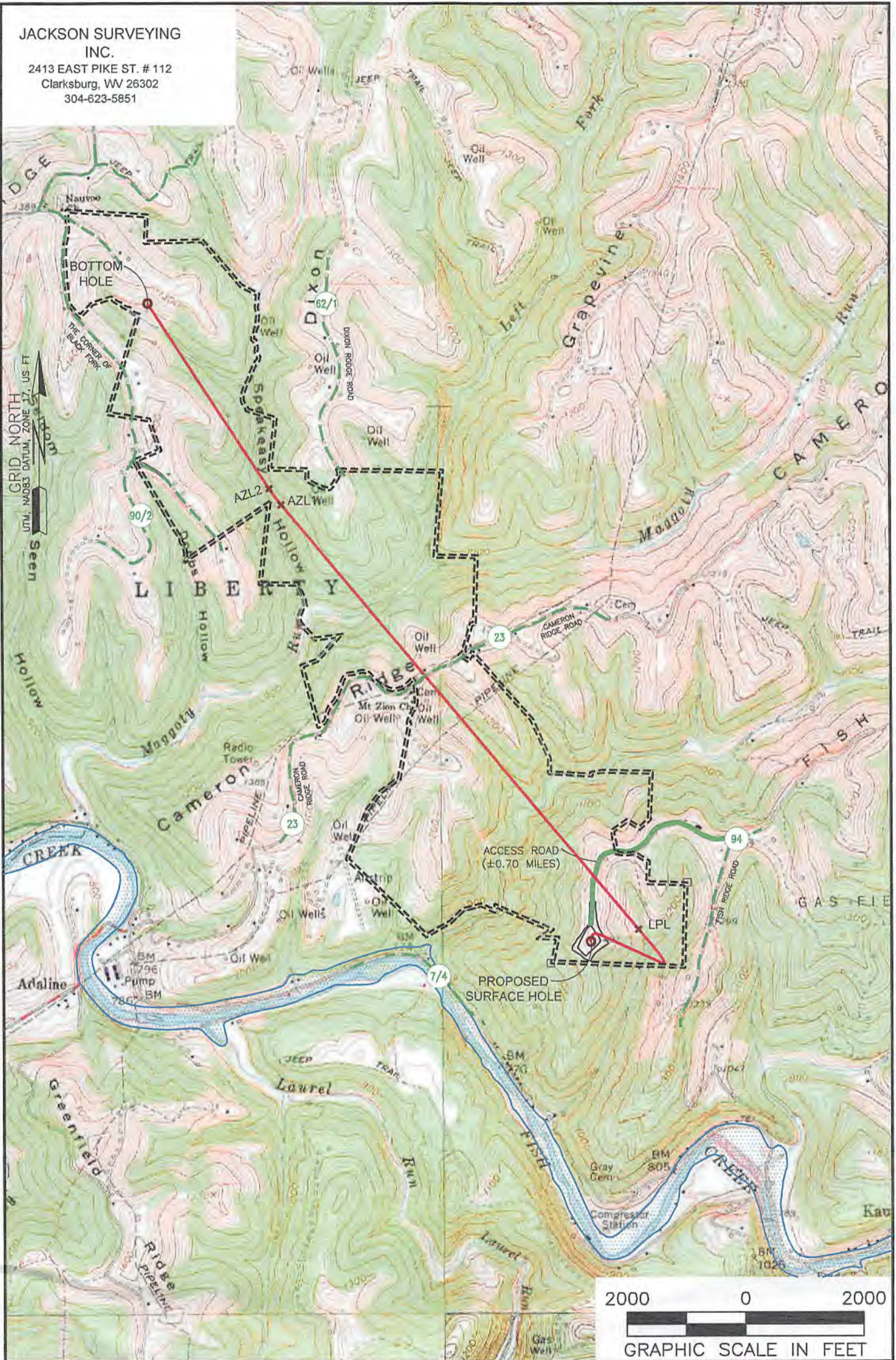
WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	BRIGGS GLADYS R EST (S/R)	07-16-02 ✓
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX (S)	07-10-08 /
3	BUZZARD DONALD G ET UX (S)	07-10-07 /
4	ANDERSON ALVIN RICKEY ET AL(S)	07-10-06 ✓
5	ASTON PAUL & SUSAN (S)	07-09-26 ✓
6	NOULLET BENJAMIN R & CARLA J (S)	07-10-1.1 ✓
7	CLARK CHARLES R & WHIPKEY MARILYN V (S)	07-10-01 ✓
8	CLARK CHARLES R & WHIPKEY MARILYN V (S)	07-09-28.2 ✓
9	HINERMAN MARK P & SHELLI W DANNER (S)	07-09-25 ✓
10	DANAHEY SHAWN T SR & SHAWN T II (S)	07-08-09 ✓
11	DOBBS GARY L (S)	07-09-24 ✓
12	DOBBS JOHN ALFRED & LEORA - LIFE (S)	07-08-08 ✓
13	DOBBS JOHN ALFRED & LEORA - LIFE (S)	07-08-04 ✓
14	DOBBS JOHN ALFRED & LEORA - LIFE	07-08-05 ✓
15	MARSHALL COUNTY COAL RESOURCES, INC (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 & SHEILA 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	STERN DONALD G	07-09-28.1
M	BLAKE NANCY J IRREVOCABLE TR	07-09-28.3
N	MT ZION CHURCH OF GOD	07-09-27
O	BUZZARD DONALD G & LENORA L	07-09-28.4
P	COTTRELL KEVIN L	07-09-29
Q	CONSOL MINING COMPANY LLC ATTN: LAND ADMIN/PROPERTY TAX	07-09-20.1
R	ASTON PAUL & SUSAN	07-09-21
S	DOBBS JOHN ALFRED & LEORA - LIFE	07-09-23
T	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	07-09-22
U	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	07-08-07
V	KELLEY ELIZABETH J	09-12-17
W	WHIPKEY DAVID L & DAVID MATTHEW	09-12-12
X	WHIPKEY DAVID L & DAVID MATTHEW	09-12-15
Y	LATTER DAY SAINTS CHURCH	09-09-15
Z	KERNS DANNY R & FRANCES V ESTS	09-09-14
A2	KERNS DANNY R & FRANCES V ESTS	09-09-13
B2	KERNS DANNY R & FRANCES V ESTS	07-08-01
C2	KERNS DANNY R & FRANCES V ESTS	07-08-02
D2	STERN BLAINE E JR	07-08-12
E2	FIFE HOWARD C - LIFE - DOWNING STEVEN D	07-08-9.1
F2	GRAHAM WAYNE E JR ET UX	07-07-04
G2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-04
H2	SCHWING RICKY	07-10-02
I2	ANDERSON JACKIE L & ALVIN R	07-10-6.1
J2	STERN PAUL F	07-10-03
K2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-05
L2	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-11
M2	CLARK JAMES M	07-10-09
N2	LEMASTERS VINCENT E	07-10-24
O2	YEATER PRESTON & HEATHER L	07-16-29.4
P2	BRIGGS JACK	07-16-2.1
Q2	LEMASTERS VINCENT E	07-16-01
R2	BRIGGS PATTY K	07-16-2.2
S2	YEATER PRESTON A ET UX	07-16-29.2
T2	BRIGGS GLADYS R EST	07-16-03

04/02/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	GLADYS BRIGGS MSH	
	WELL #:	3H	
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	MARSHALL	WV
			DATE: 01-25-2021
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2

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NOTES ON SURVEY

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3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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

04/02/2021

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: GLADYS BRIGGS MSH	WELL # 3H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; LIBERTY	
SURFACE OWNER: GLADYS R. BRIGGS ESTATE	USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV		