

Latitude: 39°47'30"

SURFACE HOLE 9122'

BOTTOM HOLE 4,063'

Latitude: 39°50'00"

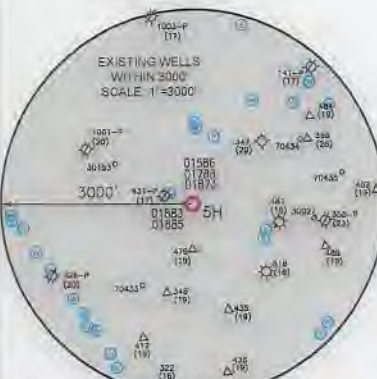
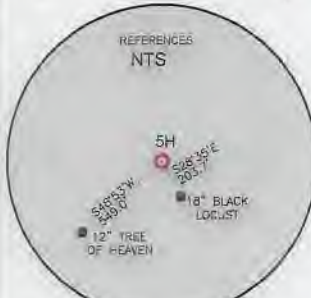
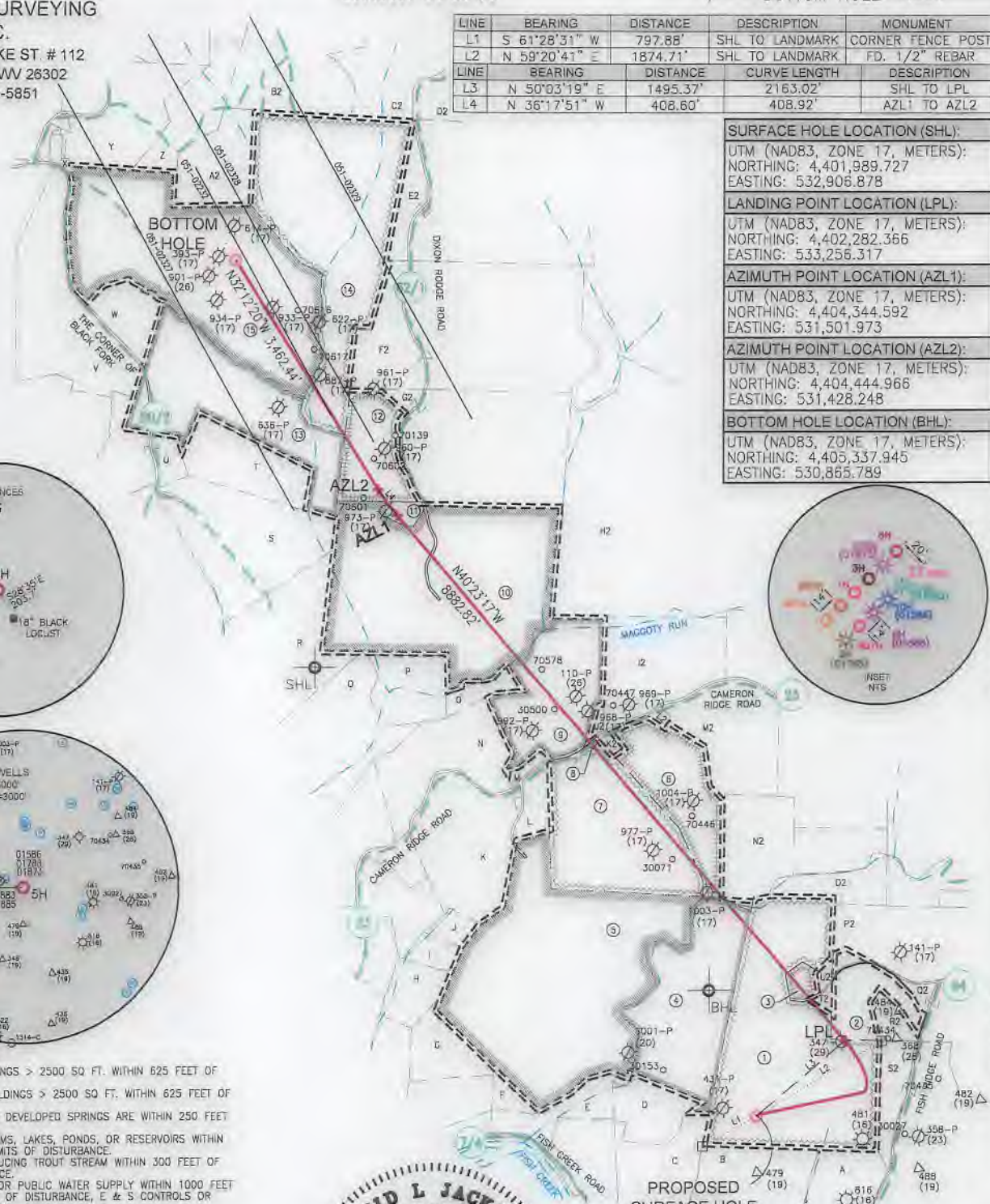
JACKSON SURVEYING INC.

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

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 61°28'31" W	797.88'	SHL TO LANDMARK	CORNER FENCE POST
L2	N 59°20'41" E	1874.71'	SHL TO LANDMARK	FD, 1/2" REBAR
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 50°03'19" E	1495.37'	2163.02'	SHL TO LPL
L4	N 36°17'51" W	408.60'	408.92'	AZL1 TO AZL2

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,401,989.727
	EASTING: 532,906.878
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,402,282.366
	EASTING: 533,256.317
AZIMUTH POINT LOCATION (AZL1):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,404,344.592
	EASTING: 531,501.973
AZIMUTH POINT LOCATION (AZL2):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,404,444.966
	EASTING: 531,428.248
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,405,337.945
	EASTING: 530,865.789

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

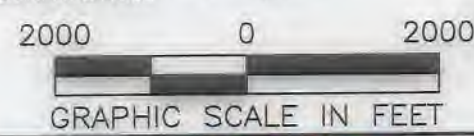


- WELL RESTRICTIONS**
- NO OCCUPIED DWELLINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
  - NO AGRICULTURE BUILDINGS > 2500 SQ. FT. WITHIN 625 FEET OF CENTER OF PAD.
  - NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
  - NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS 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 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	MINIMUM DEGREE OF ACCURACY: 1/200	GLADYS BRIGGS MSH
	WVDEP OFFICE OF OIL & GAS 801 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 5H
		API WELL #: 47 STATE	051 COUNTY
			02370 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: 7,153 TVD 20,504 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"> <li>PROPOSED SURFACE HOLE / BOTTOM HOLE</li> <li>EXISTING / PRODUCING WELLHEAD</li> <li>LANDING POINT LOCATION</li> <li>EXISTING WATER WELL</li> <li>EXISTING SPRING</li> </ul>	<ul style="list-style-type: none"> <li>SURVEYED BOUNDARY</li> <li>DRILLING UNIT</li> <li>LEASE BOUNDARY</li> <li>PROPOSED PATH</li> <li>AZL * AZIMUTH POINT LOCATION</li> </ul>	REVISIONS: DATE: 01-25-2021 DRAWN BY: N. MANO SCALE: 1" = 2000' DRAWING NO: WELL LOCATION PLAT
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JACKSON SURVEYING  
 INC.  
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 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)	07-10-05
7	ANDERSON ALVIN RICKEY ET AL (S)	07-10-06
8	STERN DONALD G ET AL (S)	07-10-6.1
9	CLARK CHARLES R (S)	07-10-01
10	KASSERMAN RONALD WM (S)	07-08-09
11	FIFE HOWARD C - LIFE - DOWNING STEVEN D (S)	07-08-9.1
12	STERN BLAINE E JR (S)	07-08-12
13	DOBBS JOHN ALFRED & LEORA - LIFE (S)	07-08-04
14	KERNS DANNY R & FRANCES V ESTS (S)	07-08-02
15	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT (S)	09-12-14

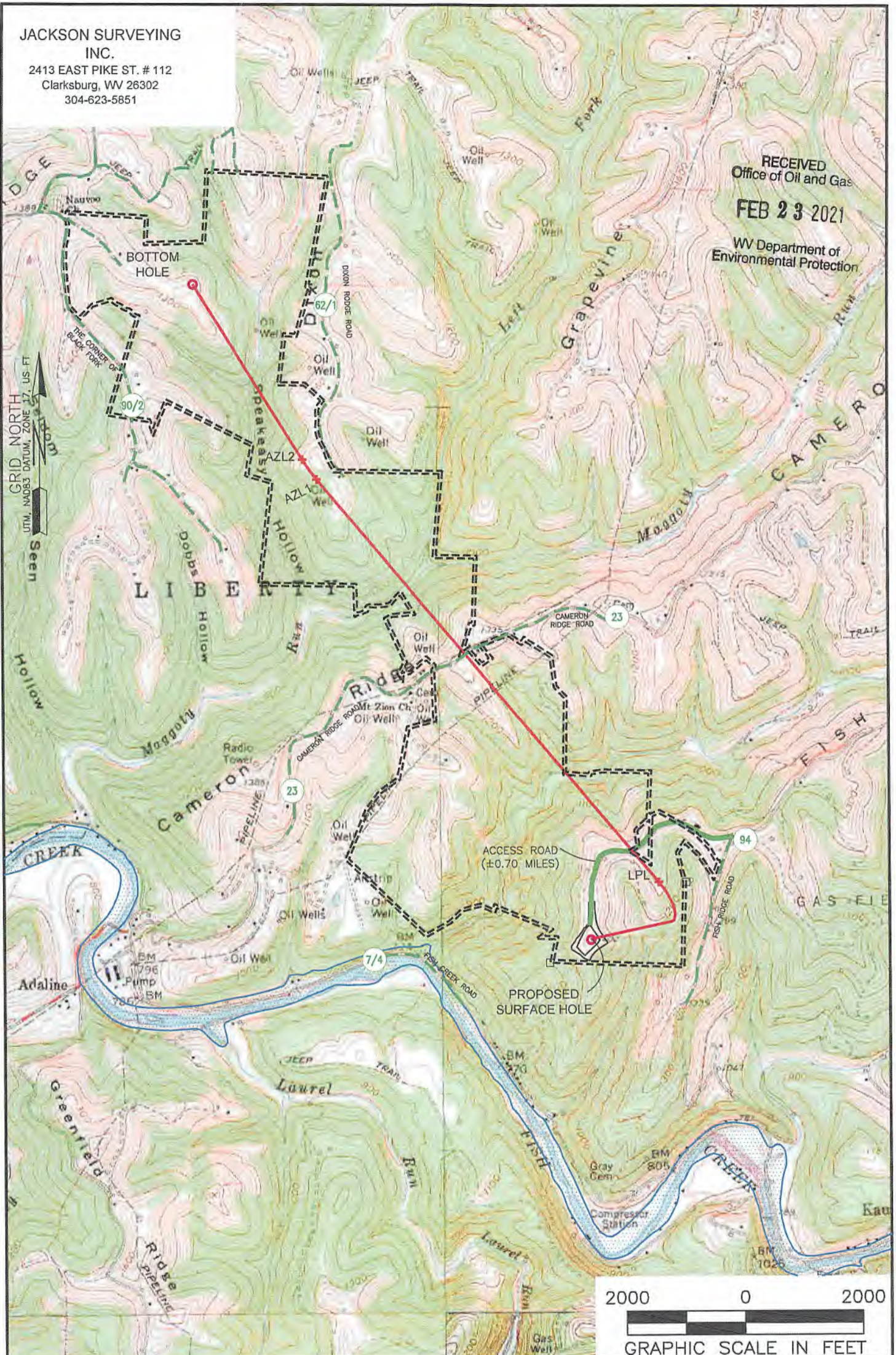
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BRIGGS JACK J	07-16-05
B	MASON DIXON FARMS LLC	07-16-06
C	MASON DIXON FARMS LLC	07-17-19.1
D	MASON DIXON FARMS LLC	07-17-19
E	SIMMS ROBERT S & SHELIA D	07-17-18
F	MCCULLEY BETTY TAYLOR ET VIR	07-17-17
G	MCCULLEY BETTY TAYLOR ET VIR	07-17-14
H	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	NOULLET 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	CLARK CHARLES R & WHIPKEY MARILYN V	07-10-11
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

04/02/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	GLADYS BRIGGS MSH	DATE: 01-25-2021
	WELL #:	47-051-02370 5H	DRAWN BY: N. MANO
	DISTRICT:	LIBERTY	SCALE: N/A
	COUNTY:	MARSHALL	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 2

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RECEIVED  
 Office of Oil and Gas  
**FEB 23 2021**  
 WV Department of  
 Environmental Protection



**NOTES ON SURVEY**

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**LEGEND:**

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ★ LPL: LANDING POINT LOCATION
- FLOOD PLAN
- 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 # 5H	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		