

Latitude: 39°47'30" SURFACE HOLE 1882'

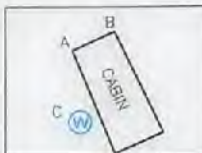
Latitude: 39°47'30" BOTTOM HOLE 9839'

**JACKSON SURVEYING INC.**

2413 EAST PIKE ST. # 112  
Clarksburg, WV 26301  
304-623-5851

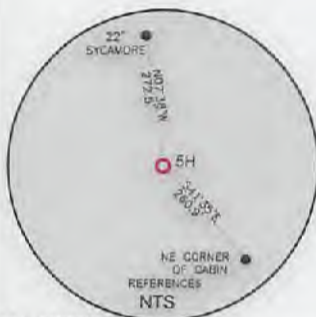
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 04°17'40" E	957.89'	SHL TO LANDMARK	30" BLACK OAK FD
L2	S 14°59'04" W	1017.52'	SHL TO LANDMARK	3/4" REBAR FOUND
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 39°43'55" W	1252.04'	1900.53'	SHL TO LP

5H SHL TO A 254.8'  
5H SHL TO B 260.9'  
5H SHL TO C 287.5'



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,174.271 EASTING: 531,552.219
<b>LANDING POINT (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,400,467.754 EASTING: 531,796.151
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,403,326.500 EASTING: 529,114.497

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.

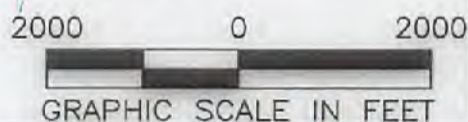
**NOTES ON SURVEY**

- 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  
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)

OE BURGE MSH  
OPERATOR'S WELL #: 5H  
API WELL #: 47 051 02388 H6A  
STATE COUNTY PERMIT

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW   
WATERSHED: LAUREL RUN OF FISH CREEK (HUC-10) ELEVATION: 1342.2'  
DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: GLEN EASTON, WV  
SURFACE OWNER: MASON DIXON FARMS, LLC ACREAGE: ±66.03  
OIL & GAS ROYALTY OWNER: O. E. BURGE ET AL ACREAGE: ±66.03  
DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **08/27/2021**  
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,111 TVD 20,536 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY  
ADDRESS: 1300 FORT PIERPONT RD., SUITE 200 ADDRESS: 1300 FORT PIERPONT RD., SUITE 200  
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

<b>LEGEND:</b>	— SURVEYED BOUNDARY	— DRILLING UNIT
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— LEASE BOUNDARY	— PROPOSED PATH
⊗ EXISTING / PRODUCING WELLHEAD		
LPL* LANDING POINT LOCATION		
⊕ EXISTING WATER WELL		
⊙ EXISTING SPRING		

<b>REVISIONS:</b>	DATE: 07-07-2021
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	WELL LOCATION PLAT





JACKSON SURVEYING  
 INC.  
 2413 EAST PIKE ST. # 112  
 Clarksburg, WV 26301  
 304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	MASON DIXON FARMS LLC (S/R)	07-0018-05
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	MASON DIXON FARMS LLC (S)	07-0017-36
3	MASON DIXON FARMS LLC (S)	07-0017-37
4	SCOTT AARON COLE & SAMANTHA (S)	07-0017-37.4
5	SCOTT AARON COLE & SAMANTHA (S)	07-0017-37.7
6	WALLACE RODNEY J ET UX (S)	07-0017-37.6
7	OLDFIELD KAREN K ET AL (S)	07-0017-37.1
8	BUTLER BENJAMIN ET UX (S)	07-0017-9.3
9	COLUMBIA GAS TRANSMISSION (S)	07-0017-6
10	COLUMBIA GAS TRANSMISSION (S)	07-0017-4
11	BUZZARD JOANN (S)	07-0017-3
12	WILLIAMS ROBERT W & DEBRA JEAN (S)	07-0009-5
13	DOBBS ADA C ET AL (S)	07-0009-4
14	ANDRICH THOMAS M JR EST ET UX (S)	09-0015-8
15	ANDRICH THOMAS M JR EST ET UX (S)	09-0015-8.2
16	CONSOLIDATION COAL COMPANY MURRAY ENERGY (S)	09-0015-6

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MASON DIXON FARMS LLC	07-0018-6
B	MASON DIXON FARMS LLC	07-0018-8.1
C	CROW HOY GLENN ET UX	07-0018-11
D	BAKER DONALD RAY	07-0018-3
E	MASON DIXON FARMS LLC	07-0018-2
F	MASON DIXON FARMS LLC	07-0017-37.5
G	SCOTT AARON COLE & SAMANTHA	07-0017-37.8
H	MASON DIXON FARMS LLC	07-0017-38
I	COLUMBIA GAS TRANSMISSION	07-0017-5
J	BUZZARD GUY L	07-0017-38.1
K	BUZZARD GUY L	07-0017-38.2
L	BUZZARD GUY LAMONT	07-0017-38.4
M	BUZZARD GUY L	07-0017-38.3
N	STERN SHAWN GLENN	07-0017-38.6
O	STERN JERRY GLENN ET UX - LIFE	07-0017-38.5
P	STERN JERRY G ET UX - LIFE	07-0017-1.2
Q	STERN JERRY GLENN - LIFE	07-0017-1.7
R	STERN FAMILY FARM LLC	07-0017-1
S	STERN FAMILY FARM LLC	07-0017-2
T	EWING MICHELLE R	09-0017-24
U	MASON J MONT EST	09-0017-17
V	HALL ROBERT L	09-0015-22
W	POLINSKI DAVID M SR & RHONDA S	09-0017-18
X	MASTERS STEVEN D & MONICA M	07-0009-4.1
Y	HALL ROBERT L	09-0015-20
Z	HALL ROBERT L	09-0015-21

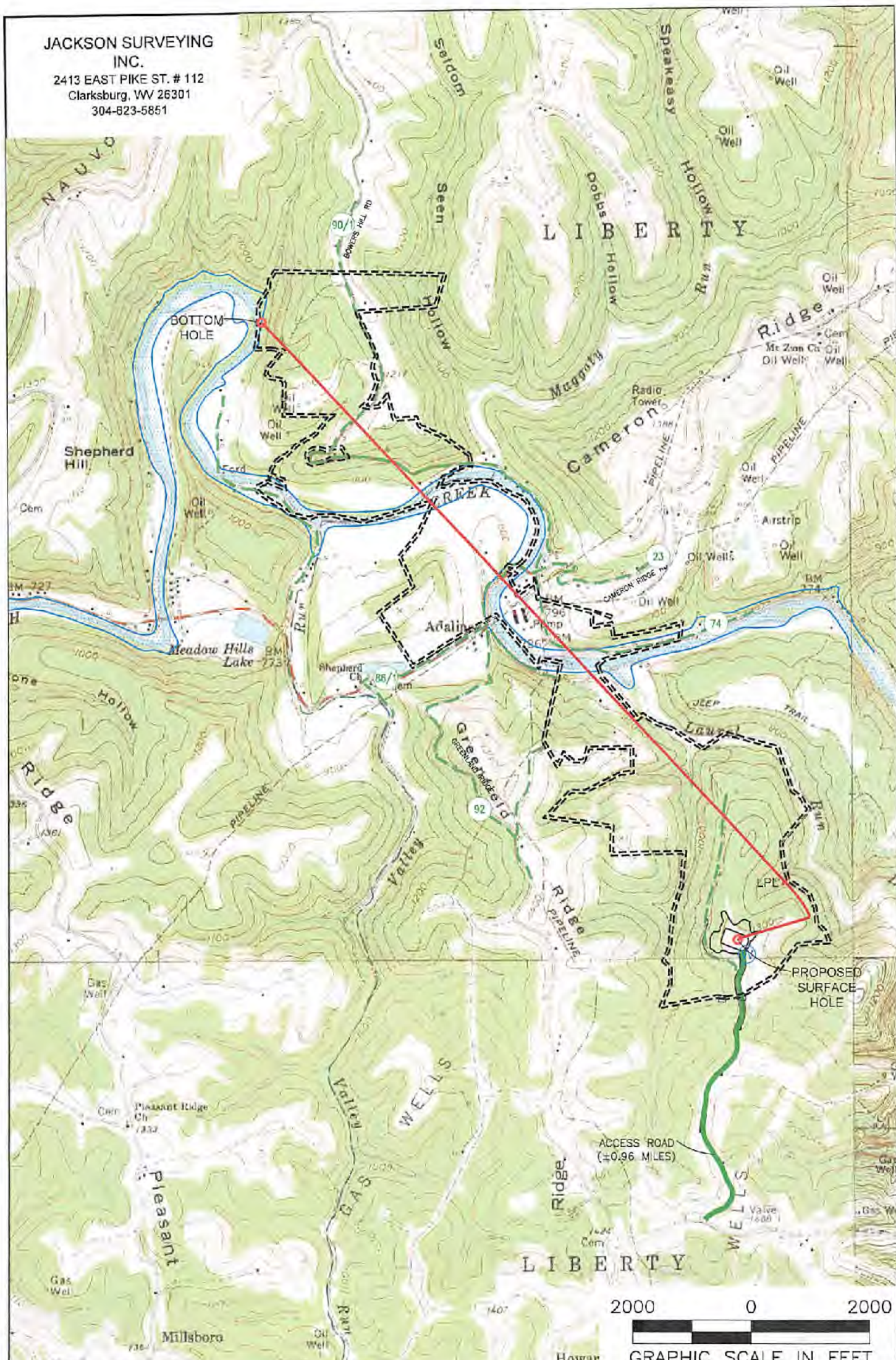
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A2	HALL ROBERT L	09-0015-9
B2	TYLER WILLIAM A ET AL	09-0015-10
C2	TYLER WILLIAM A ET AL	09-0015-11
D2	BYERS RICHARD W	09-0015-12
E2	BYERS RICHARD W	09-0015-5
F2	MEYER ANNA E EST	09-0012-35
G2	CONSOLIDATION COAL COMPANY MURRAY ENERGY	09-0012-36
H2	ASTON PAUL & SUSAN	07-0009-2
I2	CONSOLIDATION COAL COMPANY MURRAY ENERGY	09-0015-7
J2	WOOD ROY R SR	09-0015-7.1
K2	CONSOLIDATION COAL COMPANY MURRAY ENERGY	07-0009-3
L2	CONSOLIDATION COAL COMPANY MURRAY ENERGY	09-0015-8.1
M2	MAGNONE WILLIAM NICHOLAS J & ARLENE C - LIFE	07-0009-8
N2	ASTON PAULET UX	07-0009-7.1
O2	ASTON CHAD EVERETT ET UX	07-0009-7
P2	ASTON CHAD EVERETT ET UX	07-0009-6
Q2	HAYWARD CHARLES JR & LISA K	07-0009-10.1
R2	RICHMOND BERT KENNETH ET UX	07-0009-10
S2	COLUMBIA GAS TRANSMISSION	07-0017-7
T2	W VA DEPT OF HIGHWAYS	07-0017-7.1
U2	W VA DEPT OF HIGHWAYS	07-0017-3.2
V2	MASON ERIC T	07-0009-12
W2	COLUMBIA GAS TRANSMISSION	07-0017-7
X2	JOBES STEPHEN	07-0017-9
Y2	COTTRELL SAMUEL L	07-0017-10
Z2	MATZ BRETT J	07-0017-9.1
A3	MCCULLY BETTY TAYLOR ET VIR	07-0017-13
B3	JOHNSON ROBERT & KATHY	07-0017-8
C3	MASON DIXON FARMS LLC	07-0017-35
D3	WALLACE RODNEY J & DIANNA L	07-0017-37.3
E3	MASON DIXON FARMS LLC	07-0017-33
F3	WARREN JAMES ROBERT	07-0017-34
G3	MASON DIXON FARMS LLC	07-0019-1

08/27/2021

REVISIONS:	COMPANY:	 	
	OPERATOR'S	OE BURGE MSH	
	WELL #:	5H	
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	MARSHALL	WV
			DATE: 07-07-2021
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 2



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**LEGEND:**

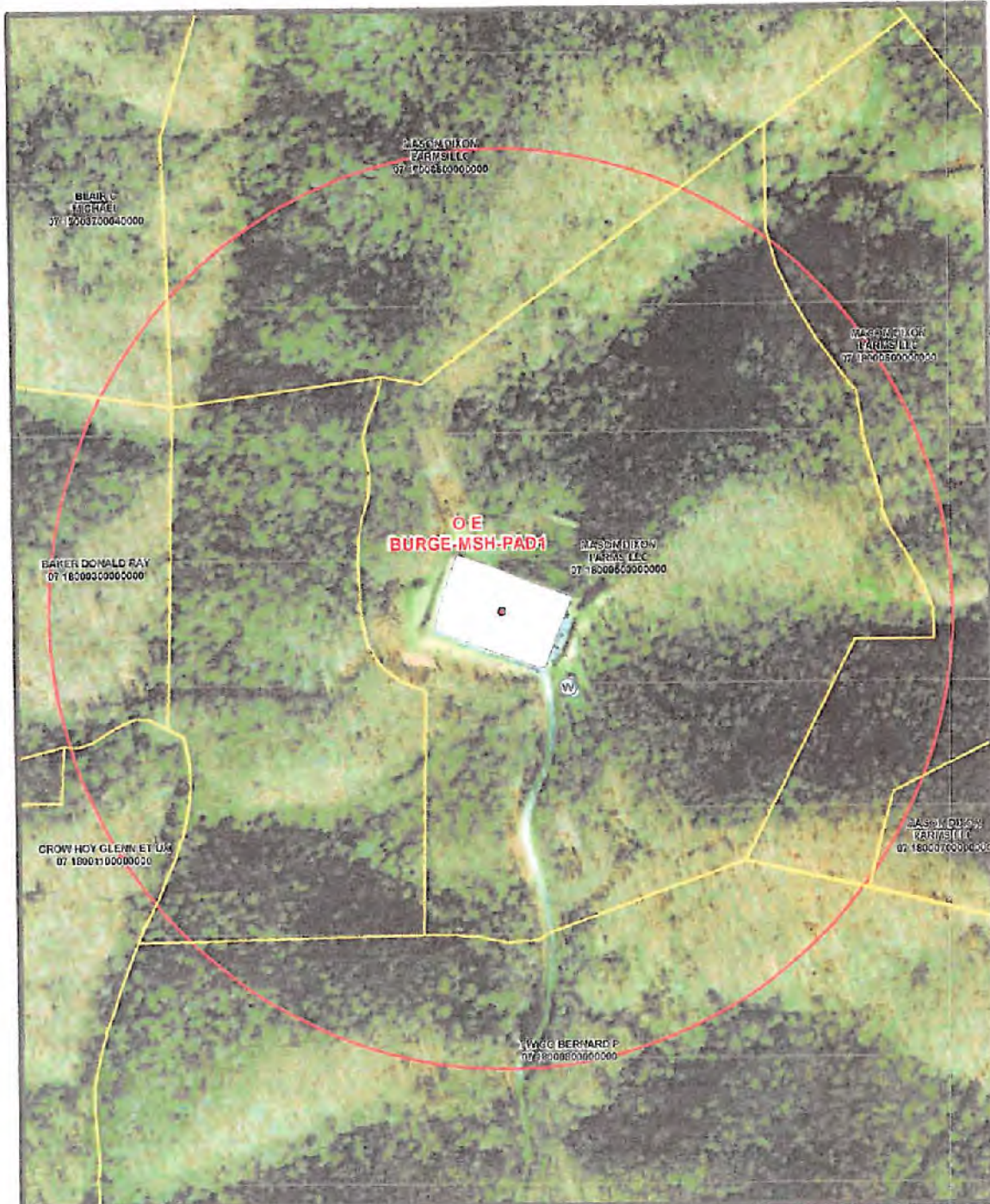
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊛ EXISTING / PRODUCING WELLHEAD
- LPL ✕ LANDING POINT LOCATION
- 🌊 FLOOD PLAN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- == LEASE BOUNDARY
- PROPOSED PATH

08/27/2021

RECEIVED  
 Office of Oil and Gas

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: OE BURGE MSH	WELL # 5H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD., SUITE 200 MORGANTOWN, WV. 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; LIBERTY	
SURFACE OWNER: MASON DIXON FARMS, LLC	USGS 7 1/2 QUADRANGLE MAP NAME GLEN EASTON, WV		





N  
 1 in = 417 ft  
 0 0.025 0.05 0.1 0.15 0.2  
 Coordinate System: NAD 1983 UTM Zone 17N  
 Units: Meter

- Spring
- Water Well
- Pond
- Parcel
- 1500' Buffer

Coordinates: 39.760913, -80.631905

Water Purveyor Map  
 Well Pad: OE Burge  
 County: MSH  
**SWN**  $\frac{P^2}{A} = V^2$   
 Southwestern Energy  
 Date: 11/10/2020 | Author: willisb