

Latitude: 39°47'30"

SURFACE HOLE 1900'

Latitude: 39°47'30"

BOTTOM HOLE 167'

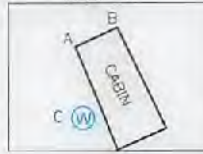
JACKSON SURVEYING INC.

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

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 05°21'11" E	967.04'	SHL TO LANDMARK	30" BLACK OAK FD
L2	S 13°52'14" W	1020.30'	SHL TO LANDMARK	3/4" REFAR FOUND
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L3	S 55°05'12" W	409.27'	CURVE LENGTH	SHL TO LP

1H SHL TO A 272.1'
1H SHL TO B 279.1'
1H SHL TO C 304.2'

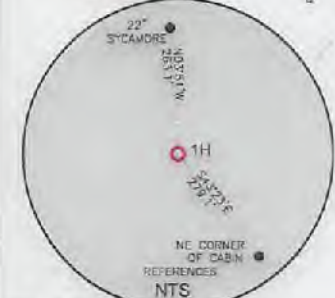
INSET "A"



SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,400,176.596
EASTING:	531,546.584
LANDING POINT (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,400,102.874
EASTING:	531,449.925
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING:	4,403,106.270
EASTING:	528,494.612

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

BOTTOM HOLE 70884



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.

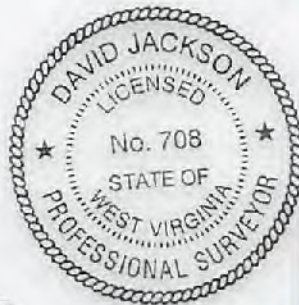
NOTES ON SURVEY

- 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



2000 0 2000

GRAPHIC SCALE IN FEET

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 SOURCE OF SURVEY GRADE GPS ELEVATION: (NAVD 88, US FT)

OE BURGE MSH
OPERATOR'S WELL #: 1H
API WELL #: 47 051 0238746A
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: 7,125 TVD 21,460 TMD

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

DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT RD., SUITE 200 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	SURVEYED BOUNDARY	DRILLING UNIT	LEASE BOUNDARY	PROPOSED PATH
⊙ PROPOSED SURFACE HOLE / BOTTOM HOLE	—	—	—	—
⊙ EXISTING / PRODUCING WELLHEAD	—	—	—	—
LPL ⊙ LANDING POINT LOCATION	—	—	—	—
⊙ EXISTING WATER WELL	—	—	—	—
⊙ EXISTING SPRING	—	—	—	—

REVISIONS:	DATE:
	07-08-2021
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	WELL LOCATION PLAT

Latitude: 80°40'00" BOTTOM HOLE 5190'
SURFACE HOLE 14845'
Longitude: 80°37'30"

JACKSON SURVEYING
INC.



2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
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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	BAKER DONALD RAY (S)	07-0018-03
4	MASON DIXON FARMS LLC (S)	07-0017-37
5	MASON DIXON FARMS LLC (S)	07-0017-37.5
6	MASON DIXON FARMS LLC (S)	07-0017-40
7	STERN FAMILY FARM LLC (S)	07-0017-39
8	BUZZARD GUY L (S)	07-0017-38.3
9	BUZZARD JOANN (S)	07-0017-3
10	STERN FAMILY FARM LLC (S)	07-0017-2
11	STERN FAMILY FARM LLC (S)	07-0017-1
12	STERN FAMILY FARM LLC (S)	09-0017-26
13	EWING MICHELLE R (S)	09-0017-24
14	MASON J MONT EST (S)	09-0017-17
15	WILLIAMS ROBERT W & DEBRA JEAN (S)	07-0009-5
16	HALL ROBERT L (S)	09-0015-22
17	HALL ROBERT L (S)	09-0015-20
18	BYERS RICHARD W (S)	09-0015-12

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MASON DIXON FARMS LLC	07-0018-8.1
B	CROW HOY GLENN ET UX	07-0018-11
C	CROW HOY GLENN ET UX	07-0018-12
D	BAKER DONALD RAY	07-0018-1
E	SCOTT AARON COLE & SAMANTHA	07-0017-41
F	MASON DIXON FARMS LLC	07-0018-2
G	PARKER PETER	07-0017-43.1
H	BAKER DONALD RAY	07-0017-43
I	REECE CHRISTI	07-0017-39.5
J	REECE CHRISTI	07-0017-39.1
K	SIMMONS ROX W & BETH ANN	07-0017-39.9
L	BENLINE RUSSELL G & KELLI	07-0017-1.1
M	SWN PRODUCTION COMPANY LLC	07-0017-1.3
N	YOHO SAMUEL	09-0019-9
O	STERN GARY ET UX	09-0017-31
P	STERN GARY ET UX	09-0017-32
Q	BAKER ROBERT F ET UX	09-0017-33
R	MASON J MONT EST	09-0017-29
S	MASON J MONT EST	09-0017-29.1
T	KIRBY DONNA KAY	07-0017-1.4
U	BAKER CHRISTY	07-0017-1.5
V	OTTO KRISTOPHER C & HOLLY J	07-0017-1.6
W	OTTO KRISTOPHER C & HOLLY J	07-0017-1.8
X	FOX AMANDA & CASEY	07-0017-1.9
Y	CRONE JERRY J ET UX	07-0017-39.3
Z	ROMEO NATALE FRANK & AMY F	07-0017-39.2

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A2	STERN JERRY GLENN - LIFE	07-0017-1.7
B2	SIMMONS ROX W II & BETH A	07-0017-39.8
C2	STERN JERRY G ET UX - LIFE	07-0017-1.2
D2	STERN JERRY GLENN ET UX - LIFE	07-0017-38.5
E2	STERN SHAWN GLENN	07-0017-38.6
F2	SCOTT GABRIEL O	09-0017-17.2
G2	MASON J MONT EST	09-0017-17.1
H2	PETTIT JAMES WILLIAM	09-0017-14
I2	BYERS RICHARD W	09-0015-23
J2	VICKERS MARY E EST	09-0017-15
K2	TYLER WILLIAM A II	09-0017-16
L2	VAN DYNE LOGAN R & AMANDA	09-0015-24
M2	HARTLEY PEGGY SUE, PATRICIA P BARNHART & RALPH E CHURCH II	09-0015-19
N2	MILLER MARK RICHARD	09-0015-13
O2	KOTSON ROBERT FRANK ET AL	09-0015-4
P2	BYERS RICHARD W	09-0015-5
Q2	CONSOLIDATION COAL COMPANY MURRAY ENERGY	09-0015-6
R2	TYLER WILLIAM A ET AL	09-0015-10
S2	TYLER WILLIAM A ET AL	09-0015-11
T2	HALL ROBERT L	09-0015-9
U2	ANDRICH THOMAS M JR EST ET UX	09-0015-8
V2	HALL ROBERT L	09-0015-21
W2	DOBBS ADA C ET AL	07-0009-4
X2	POLINSKI DAVID M SR & RHONDA S	09-0017-18
Y2	MASTERS STEVEN D & MONICA M	07-0009-4.1
Z2	ASTON PAUL & SUSAN	07-0009-2
A3	MAGNONE WILLIAM NICHOLAS I & ARLENE C - LIFE	07-0009-8
B3	ASTON PAUL ET UX	07-0009-7.1
C3	ASTON CHAD EVERETT ET UX	07-0009-7
D3	ASTON CHAD EVERETT ET UX	07-0009-6
E3	HAYWARD CHARLES JR & LISA K	07-0009-10.1
F3	RICHMOND BERT KENNETH ET UX	07-0009-10
G3	COLUMBIA GAS TRANSMISSION	07-0017-7
H3	W VA DEPT OF HIGHWAYS	07-0017-7.1
I3	COLUMBIA GAS TRANSMISSION	07-0017-4
J3	W VA DEPT OF HIGHWAYS	07-0017-3.2
K3	COLUMBIA GAS TRANSMISSION	07-0017-5
L3	MASON DIXON FARMS LLC	07-0017-38
M3	BUZZARD GUY L	07-0017-38.1
N3	BUZZARD GUY L	07-0017-38.2
O3	BUZZARD GUY LAMONT	07-0017-38.4
P3	COLUMBIA GAS TRANSMISSION	07-0017-6
Q3	OLDFIELD KAREN K ET AL	07-0017-37.1
R3	WALLACE RODNEY J ET UX	07-0017-37.6
S3	SCOTT AARON COLE & SAMANTHA	07-0017-37.4
T3	SCOTT AARON COLE & SAMANTHA	07-0017-37.8
U3	SCOTT AARON COLE & SAMANTHA	07-0017-37.7
V3	MASON DIXON FARMS LLC	07-0017-35
W3	MASON DIXON FARMS LLC	07-0017-33
X3	WARREN JAMES ROBERT	07-0017-34
Y3	MASON DIXON FARMS LLC	07-0019-1
Z3	MASON DIXON FARMS LLC	07-0018-6
A4	CEMETERY	

08/27/2021

REVISIONS: 4705102387 H6A	COMPANY:		 	
	OPERATOR'S	OE BURGE MSH		DATE: 07-08-2021
	WELL #:	51-02387 1H		DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	LIBERTY	MARSHALL	WV	DRAWING NO:
				WELL LOCATION PLAT 2

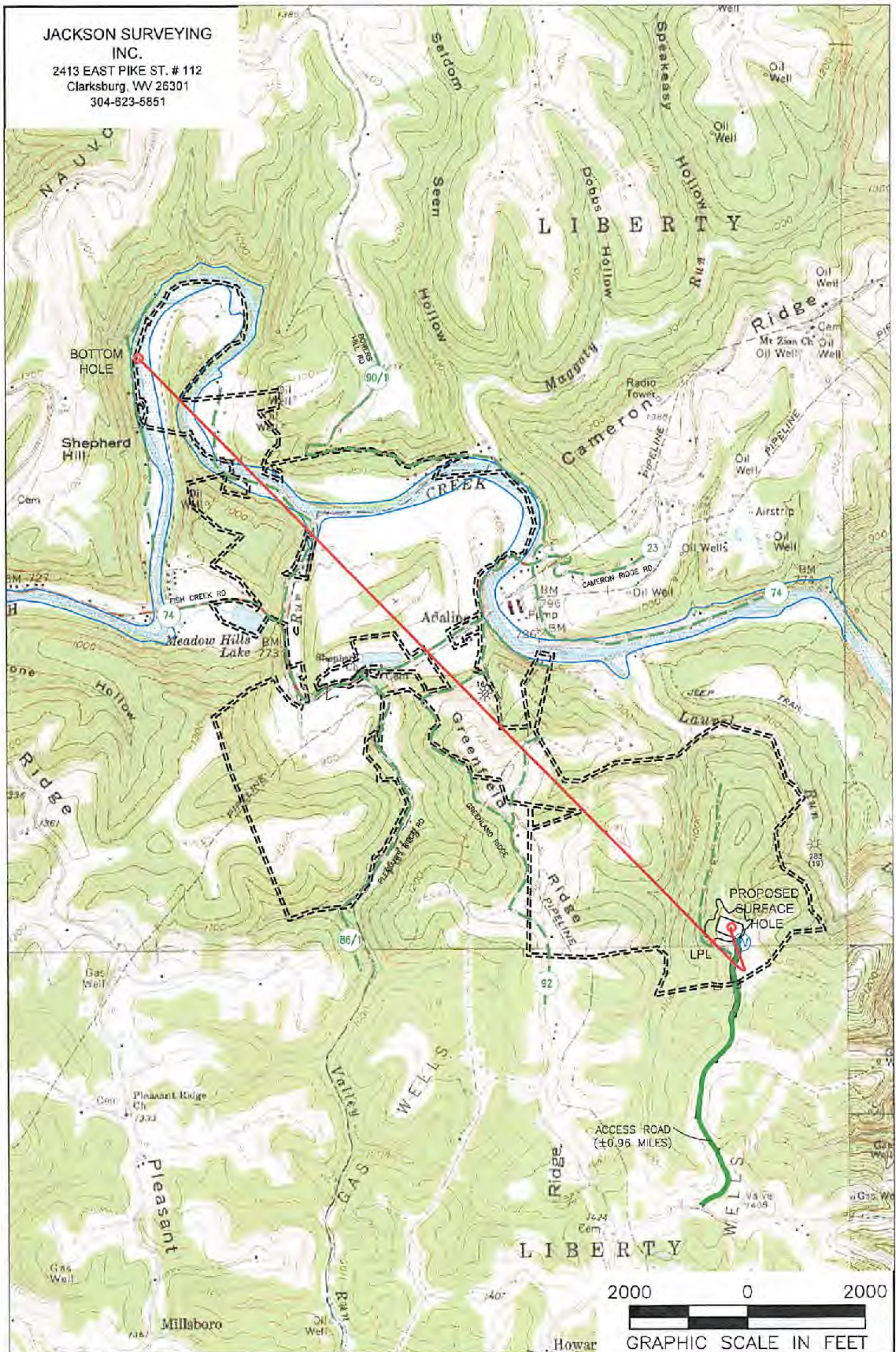
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NOTES ON SURVEY

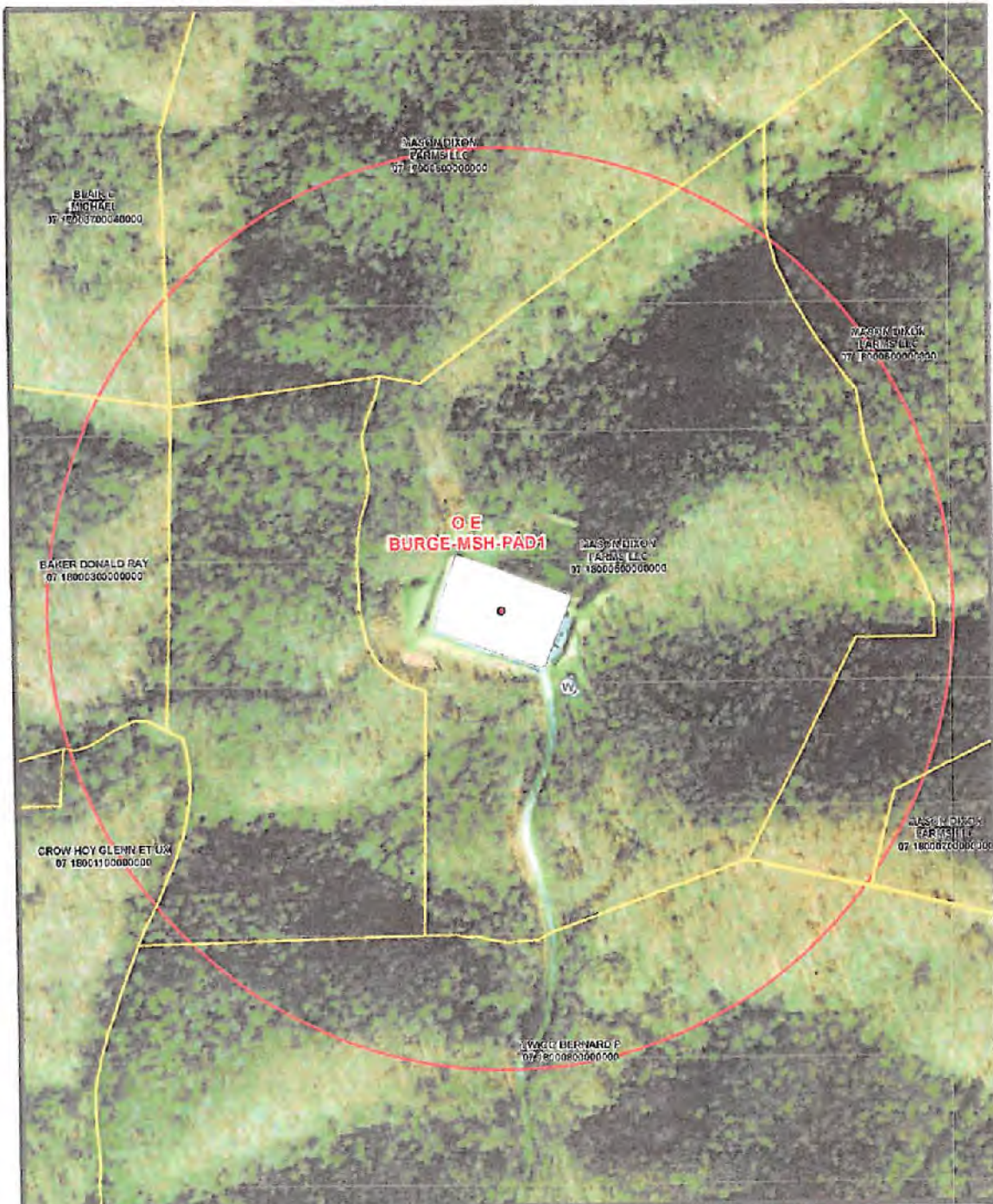
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2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

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

08/27/2021

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: OE BURGE MSH	WELL # 1H	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 Parcel
 Water Well 1500' Buffer
 Pond
 Coordinates: 39.750913, -80.631905

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