

Latitude: 39°47'30" SURFACE HOLE 1,869'

Latitude: 39°47'30"

BOTTOM HOLE 9,076'

**JACKSON SURVEYING INC.**

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

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 03°32'30" E	951.68'	SHL TO LANDMARK	30" BLACK OAK FD
L2	S 15°46'02" W	1015.81'	SHL TO LANDMARK	3/4" REBAR FOUND
L3	N 40°57'35" E	2,101.85'	CURVE LENGTH	SHL TO LP
L4	N 43°16'28" W	99.17'	90.17'	AZL1 TO AZL2

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,400,172.645	
EASTING: 531,556.164	
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,400,656.444	
EASTING: 531,976.124	
AZIMUTH POINT LOCATION-1 (AZL1):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,401,525.924	
EASTING: 531,131.226	

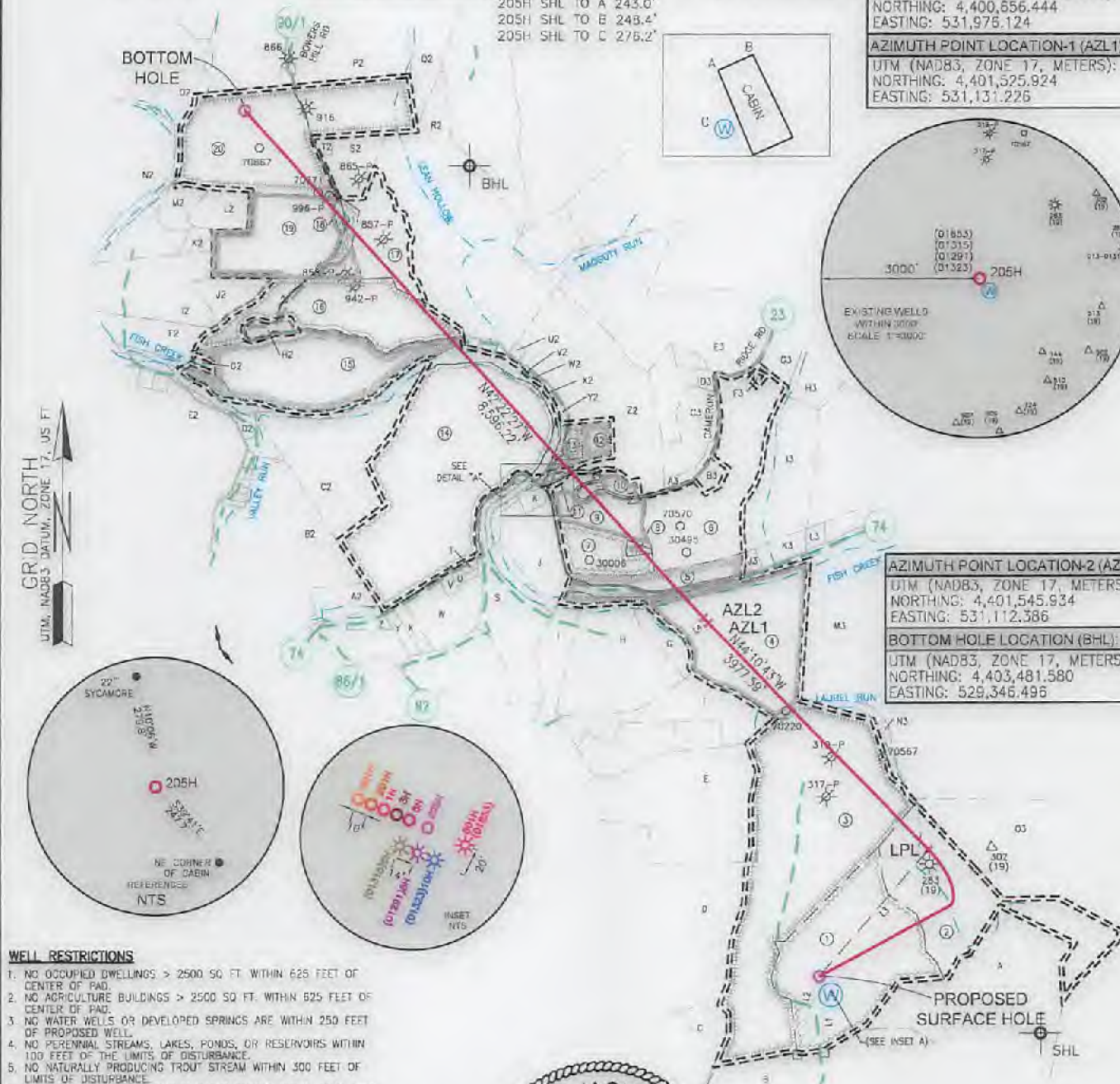
205H SHL TO A 243.0'  
205H SHL TO B 248.4'  
205H SHL TO C 275.2'



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

Latitude: 80°37'30" BOTTOM HOLE 3,969'

Latitude: 80°37'30" SURFACE HOLE 14,859'



AZIMUTH POINT LOCATION-2 (AZL2):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,401,545.934	
EASTING: 531,112.386	
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	
NORTHING: 4,403,481.580	
EASTING: 529,346.496	

**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*



<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL &amp; GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)</p>	<p>COMPANY: <b>SWN</b> Production Company, LLC</p> <p>OPERATOR'S WELL #: 205H</p> <p>API WELL #: 47 051 02413</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: LAUREL RUN OF FISH CREEK (HUC-10) ELEVATION: 1342.2'</p> <p>DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: GLEN EASTON, WV</p> <p>SURFACE OWNER: MASON DIXON FARMS, LLC ACREAGE: ±66.02</p> <p>OIL &amp; GAS ROYALTY OWNER: O. E. BURGE ET AL ACREAGE: ±66.02</p> <p>DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG &amp; ABANDON <input type="checkbox"/> CLEAN OUT &amp; REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,112' TWD 20,551' TMD</p>	<p>DATE: 07-07-2021</p> <p>DRAWN BY: N. MANO</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO:</p> <p>WELL LOCATION PLAT</p>

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:		REVISIONS:	DATE:
	PROPOSED SURFACE HOLE / BOTTOM HOLE		
	EXISTING / PRODUCING WELLHEAD		
	LANDING POINT LOCATION		
	EXISTING WATER WELL		
	EXISTING SPRING		
	SURVEYED BOUNDARY		
	DRILLING UNIT		
	LEASE BOUNDARY		
	PROPOSED PATH		

**JACKSON SURVEYING  
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WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	MASON DIXON FARMS LLC (S)	07-0018-5
SURFACE OWNER (S)		
2	MASON DIXON FARMS LLC (S)	07-0018-6
3	MASON DIXON FARMS LLC (S)	07-0017-36
4	MASON DIXON FARMS LLC (S)	07-0017-35
5	OLDFIELD KAREN K ET AL (S)	07-0017-37.1
6	COTTRELL SAMUEL L (S)	07-0017-10
7	BUTLER BENJAMIN ET UX (S)	07-0017-9.3
8	MATZ BRETT J (S)	07-0017-9.1
9	JOBES STEPHEN (S)	07-0017-9
10	BLED SOE DAVID R (S)	07-0017-9.2
11	MASON ERIC T (S)	07-0009-12
12	RICHMOND BERT KENNETH ET UX (S)	07-0009-10
13	HAYWARD CHARLES JR & LISA K (S)	07-0009-10.1
14	BUZZARD JOANN (S)	07-0017-3
15	WILLIAMS ROBERT W & DEBRA JEAN (S)	07-0009-5
16	DOBBS ADA C ET AL (S)	07-0009-4
17	CONSOLIDATION COAL COMPANY MURRAY ENERGY (S)	07-0009-3
18	ANDRICH THOMAS M JR EST ET UX (S)	09-0015-8.1
19	ANDRICH THOMAS M JR EST ET UX	09-0015-8
20	CONSOLIDATION COAL COMPANY MURRAY ENERGY (S)	09-0015-6

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MASON DIXON FARMS LLC	07-0018-7
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	07-0017-37
F	SCOTT AARON COLE & SAMANTHA	07-0017-37.4
G	WALLACE RODNEY J & DIANNA L	07-0017-37.3
H	WALLACE RODNEY J ET UX	07-0017-37.6
I	MASON DIXON FARMS LLC	07-0017-37.5
J	COLUMBIA GAS TRANSMISSION	07-0017-6
K	COLUMBIA GAS TRANSMISSION	07-0017-7
L	W VA DEPT OF HIGHWAYS	07-0009-12.1
M	SPONAUGLE QUINTIN M ET UX	07-0009-11
N	W VA DEPT OF HIGHWAYS	07-0009-11.1
O	W VA DEPT OF HIGHWAYS	07-0017-3.2
P	W VA DEPT OF HIGHWAYS	07-0017-7.1
Q	COLUMBIA GAS TRANSMISSION	07-0017-4
R	W VA DEPT OF HIGHWAYS	07-0017-3.2
S	MASON DIXON FARMS LLC	07-0017-38
T	BUZZARD GUY L	07-0017-38.1
U	BUZZARD GUY L	07-0017-38.2
V	BUZZARD GUY LAMONT	07-0017-38.4
W	BUZZARD GUY L	07-0017-38.3
X	STERN SHAWN GLENN	07-0017-38.6
Y	STERN JERRY GLENN ET UX - LIFE	07-0017-38.5
Z	STERN JERRY G ET UX - LIFE	07-0017-1.2

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A2	STERN JERRY GLENN - LIFE	07-0017-1.7
B2	STERN FAMILY FARM LLC	07-0017-1
C2	STERN FAMILY FARM LLC	07-0017-2
D2	EWING MICHELLE R	09-0017-24
E2	MASON J MONT EST	09-0017-17
F2	HALL ROBERT L	09-0015-22
G2	CRISWELL JEREMY M & KAYLA M	09-0017-18
H2	MASTERS STEVEN D & MONICA M	07-0009-4.1
I2	HALL ROBERT L	09-0015-20
J2	HALL ROBERT L	09-0015-21
K2	HALL ROBERT L	09-0015-9
L2	ANDRICH THOMAS M JR EST ET UX	09-0015-8.2
M2	TYLER WILLIAM A ET AL	09-0015-10
N2	BYERS RICHARD W	09-0015-12
O2	BYERS RICHARD W	09-0015-5
P2	MEYER ANNA E EST	09-0012-35
Q2	CONSOLIDATION COAL COMPANY MURRAY ENERGY	09-0012-36
R2	ASTON PAUL & SUSAN (S)	07-0009-2
S2	CONSOLIDATION COAL COMPANY MURRAY ENERGY (S)	09-0015-7
T2	WOODS RONALD L & LISA	09-0015-7.1
U2	J & T ENTERPRISES	07-0009-9.1
V2	MAGNONE WILLIAM NICHOLAS I & ARLENE C - LIFE	07-0009-8
W2	ASTON PAULET UX	07-0009-7.1
X2	ASTON CHAD EVERETT ET UX	07-0009-7
Y2	ASTON CHAD EVERETT ET UX	07-0009-6
Z2	HAYWARD CHARLES JR & LISA K	07-0009-9
A3	WARREN JAMES ROBERT	07-0009-13
B3	COTTRELL SAMUEL F ET UX	07-0017-10.1
C3	CONSOL MINING COMPANY LLC	07-0009-15
D3	WILLIAMS CHAD R & BETSY J	07-0009-16
E3	CONSOL MINING COMPANY LLC	07-0009-19
F3	COTTRELL SAMUEL L	07-0017-10.2
G3	COTTRELL SAMUEL L	07-0009-31
H3	MCCULLEY BETTY TAYLOR ET VIR	07-0009-34
I3	MCCULLEY BETTY TAYLOR ET VIR	07-0017-13
J3	JOHNSON ROBERT & KATHY	07-0017-8
K3	BARTSCH DAVID	07-0017-12
L3	MASON DIXON FARMS LLC	07-0017-15.1
M3	MASON DIXON FARMS LLC	07-0017-33
N3	WARREN JAMES ROBERT	07-0017-34
O3	MASON DIXON FARMS LLC	07-0019-1

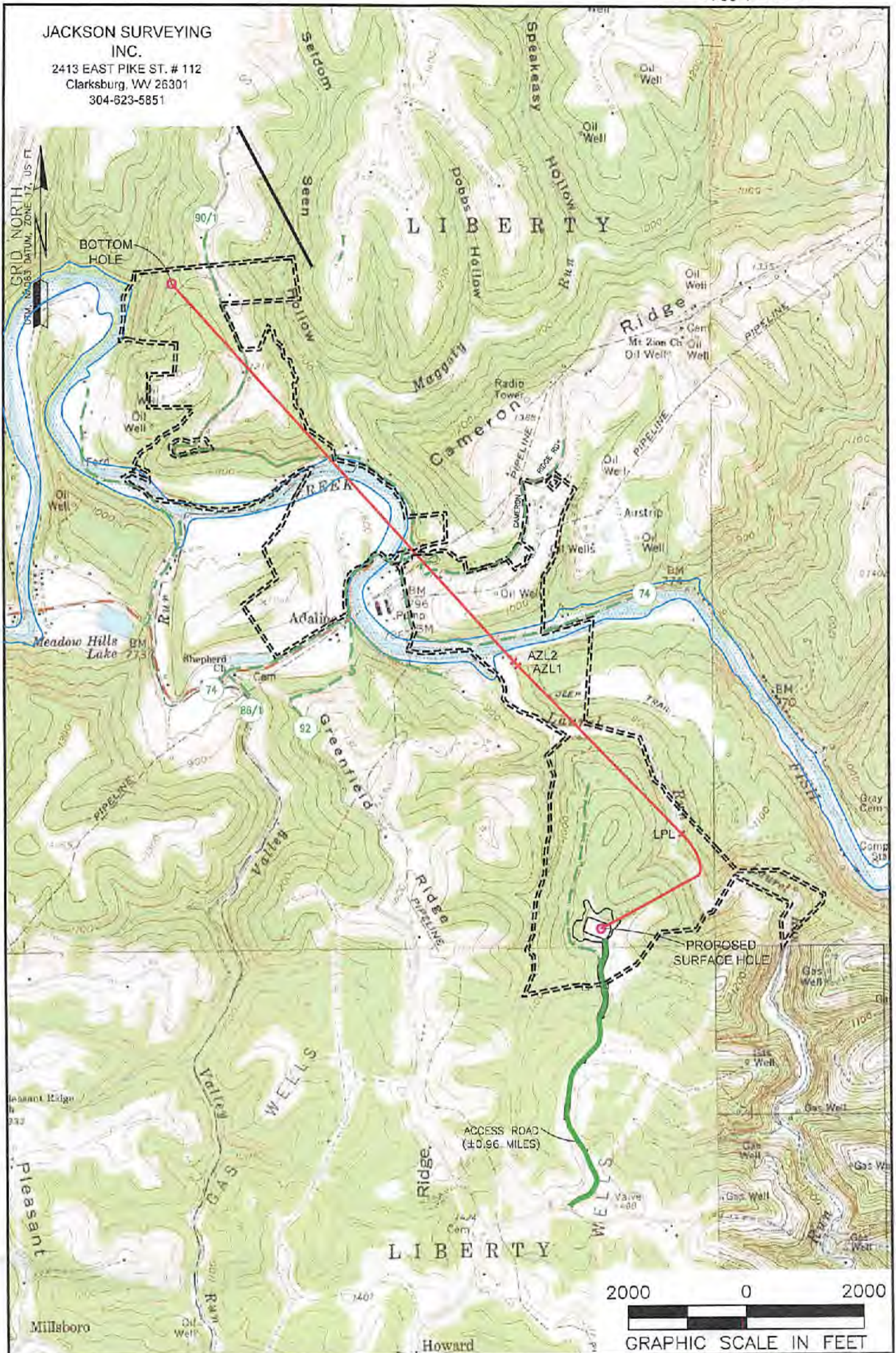
DETAIL "A"



09/24/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	OE BURGE MSH	DATE: 07-07-2021
	WELL #:	51-02413 205H	DRAWN BY: N. MANO
	DISTRICT:	LIBERTY	SCALE: N/A
	COUNTY:	MARSHALL	DRAWING NO:
	STATE:	WV	WELL LOCATION PLAT 2

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**NOTES ON SURVEY**

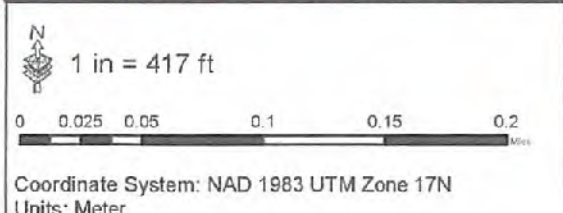
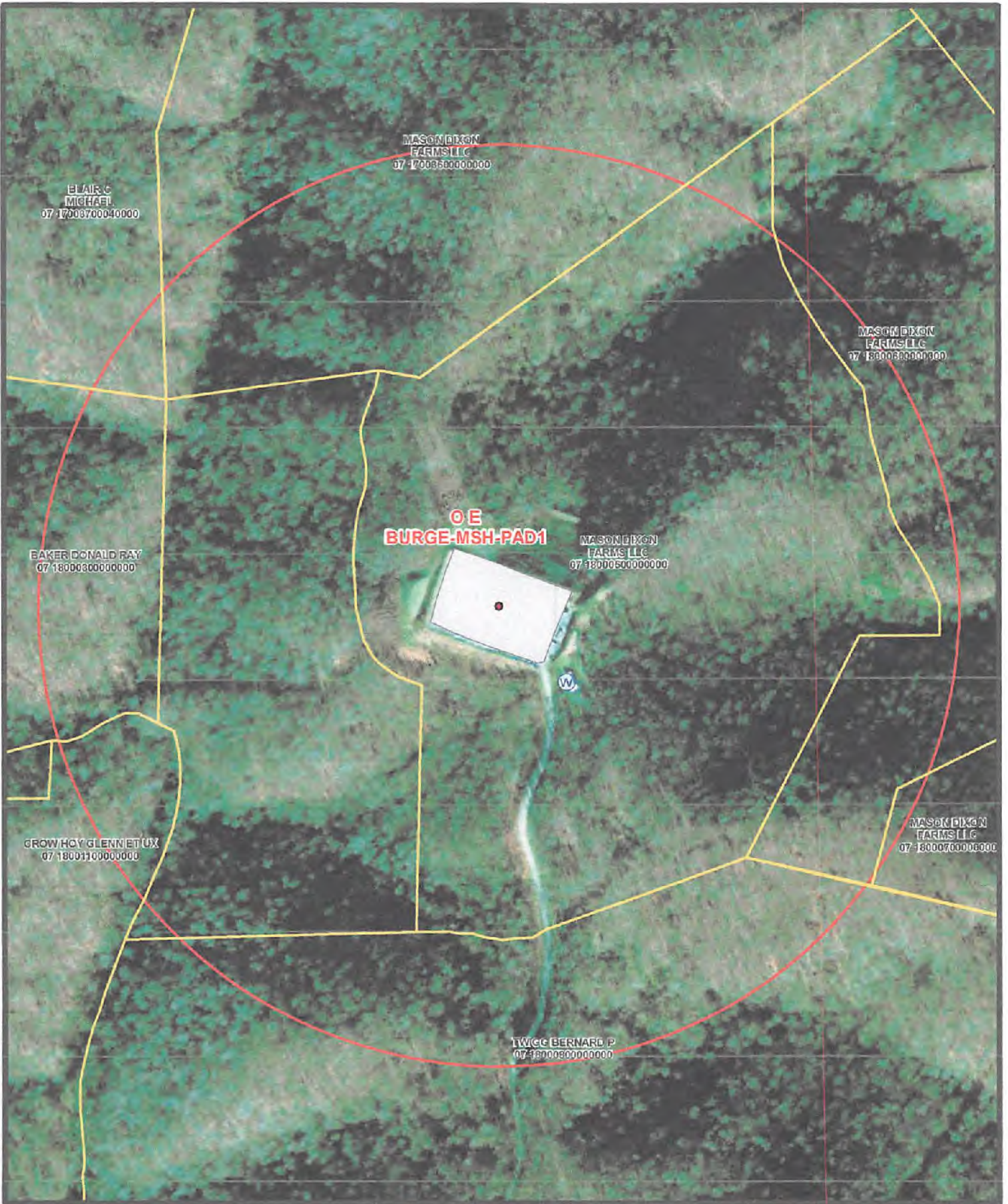
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3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

**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

09/24/2021

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> OE BURGE MSH	<b>WELL #</b> 205H	<b>SERIAL #</b>
<b>ADDRESS:</b> 1300 FORT PIERPONT RD., SUITE 200 MORGANTOWN, WV 26508	<b>COUNTY - CODE</b> MARSHALL - 051	<b>DISTRICT;</b> LIBERTY	
<b>SURFACE OWNER:</b> MASON DIXON FARMS, LLC	<b>USGS 7 1/2 QUADRANGLE MAP NAME</b> GLEN EASTON, WV		



Spring	Parcel
Water Well	1500' Buffer
Pond	

**Coordinates: 39.750913, -80.631905**

Water Purveyor Map  
Well Pad: OE Burge  
County: MSH

**SWN** *R<sup>2</sup> → V<sup>+</sup>*  
Southwestern Energy  
**09/24/2021**

Date: 11/10/2020 | Author: willisb