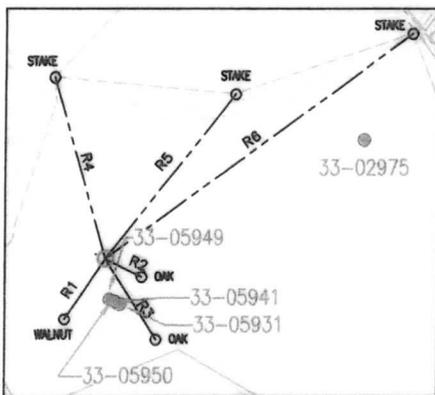


BHL is located on topo map 3,118 feet west of Longitude: 80°12'30"
 SHL is located on topo map 2,829 feet west of Longitude: 80°12'30"



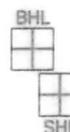
REFERENCE DETAIL
SCALE 1" = 800'

LINE	BEARING	DISTANCE
R1	S 34°14'18" W	304.59'
R2	S 63°25'52" E	167.59'
R3	S 31°57'07" E	396.87'
R4	N 15°52'44" W	784.89'
R5	N 38°08'10" E	871.34'
R6	N 53°42'29" E	1577.02'

J OSBORN HSOP 16 214		
SURFACE HOLE LOCATION (SHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346634.299	NORTHING: 279966.297	LAT-(N) 39.266427
EASTING: 567454.531	EASTING: 1765197.687	LONG-(W) 80.218069
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346777.132	NORTHING: 280439.927	LAT-(N) 39.267721
EASTING: 567363.981	EASTING: 1764908.351	LONG-(W) 80.219104

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
7. Topo Mark Scale is 1"=2000'.



THRASHER

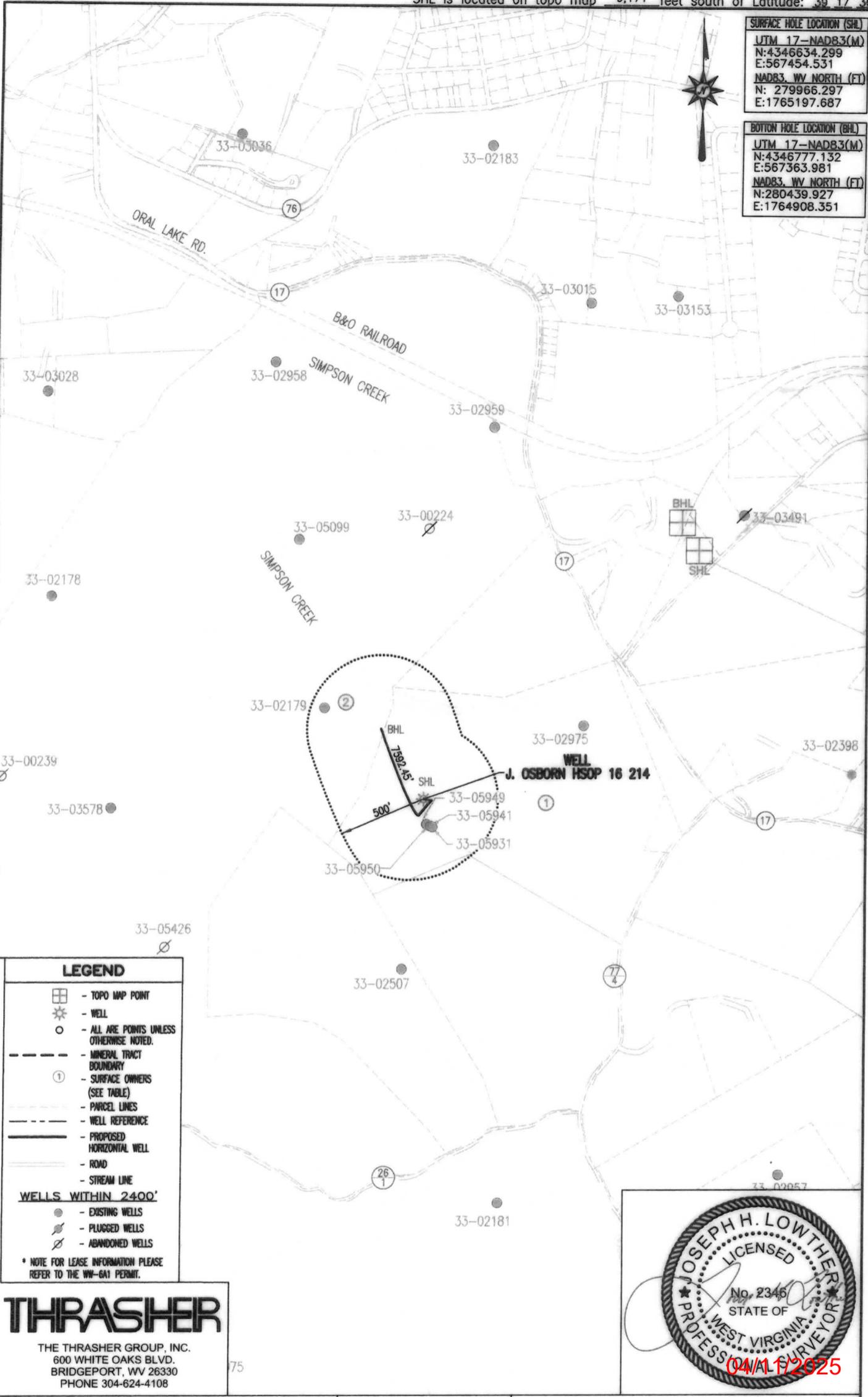
THE THRASHER GROUP, INC.
 600 WHITE OAKS BLVD.
 BRIDGEPORT, WV 26330
 PHONE 304-624-4108

SEE PAGE 2 FOR PLAT

SEE PAGE 3 FOR SURFACE OWNER TABLE

FILE #: <u>J OSBORN HSOP 16 214</u> DRAWING #: <u>J OSBORN HSOP 16 214</u> SCALE: <u>AS SHOWN</u> MINIMUM DEGREE OF ACCURACY: <u>1/2500</u> PROVEN SOURCE OF ELEVATION: <u>U.S.G.S. MONUMENT THOMAS 1498.81'</u>	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 THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION. Signed: <u><i>Joseph H. Lowther</i></u> R.P.E.: _____ L.L.S.: <u>P.S. No. 2346</u>	
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304		
Well Type: <input type="checkbox"/> Oil <input type="checkbox"/> Waste Disposal <input checked="" type="checkbox"/> Production <input type="checkbox"/> Deep <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid Injection <input type="checkbox"/> Storage <input checked="" type="checkbox"/> Shallow		DATE: <u>MARCH 28, 2025</u> OPERATOR'S WELL #: <u>J OSBORN HSOP 16 214</u> API WELL #: <u>47</u> <u>33</u> <u>06087</u> STATE COUNTY PERMIT
WATERSHED: <u>SIMPSON CREEK</u> ELEVATION: <u>1163.87'±</u>		
COUNTY/DISTRICT: <u>HARRISON / SIMPSON</u> QUADRANGLE: <u>ROSEMONT, WV 7.5'</u>		
SURFACE OWNER: <u>JUDY M OSBORN (LE) (JUDY M OSBORN IRREVOCABLE TRUST)</u> ACREAGE: <u>70.00±</u>		
OIL & GAS ROYALTY OWNER: <u>GOBEL OSBORN, ET AL</u> ACREAGE: <u>1,399.52±</u>		04/11/2025
DRILL <input checked="" type="checkbox"/> CONVERT <input 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"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY): _____		
TARGET FORMATION: <u>MARCELLUS</u> ESTIMATED DEPTH: <u>7220'±</u>		
WELL OPERATOR <u>ARSENAL RESOURCES</u> DESIGNATED AGENT <u>ERIC MORRIS</u> Address <u>6031 WALLACE ROAD EXTENSION, SUITE 101</u> Address <u>633 WEST MAIN ST.</u> City <u>WEXFORD</u> State <u>PA</u> Zip Code <u>15090</u> City <u>BRIDGEPORT</u> State <u>WV</u> Zip Code <u>26330</u>		

BHL is located on topo map 3,118 feet west of Longitude: 80°12'30"
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 E:567454.531
 NAD83_WV NORTH (FT)
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 E:1765197.687

BOTTOM HOLE LOCATION (BHL)
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 N:4346777.132
 E:567363.981
 NAD83_WV NORTH (FT)
 N:280439.927
 E:1764908.351

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- SURFACE OWNERS (SEE TABLE)
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM LINE

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

* NOTE FOR LEASE INFORMATION PLEASE REFER TO THE WW-6A1 PERMIT.

THRASHER
 THE THRASHER GROUP, INC.
 600 WHITE OAKS BLVD.
 BRIDGEPORT, WV 26330
 PHONE 304-624-4108

DATE: MARCH 28, 2025

OPERATOR'S WELL #: J OSBORN HSOP 16 214

API WELL #: 47 33 06087
 STATE COUNTY PERMIT

WELL OPERATOR ARSENAL RESOURCES
 Address 6031 WALLACE ROAD EXTENSION, SUITE 101
 City WEXFORD State PA Zip Code 15090

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

FILE #: J OSBORN HSOP 16 214

DRAWING #: J OSBORN HSOP 16 214

SCALE: 1" = 1000'

DESIGNATED AGENT ERIC MORRIS
 Address 633 WEST MAIN ST.
 City BRIDGEPORT State WV Zip Code 26330

J OSBORN WELL 214			
ID	SURFACE OWNER	DIST-TM-PAR	ACREAGE
1	OSBORN JUDY M (LE) (JUDY M OSBORN IRREVOCABLE	15-0330-0005	56.67
2	HARRON CAROLYN S	15-0330-0003	355.02

THRASHER

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STATE OF WEST VIRGINIA
 DIVISION OF
 ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

FILE #: J OSBORN HSOP 16 214
 DRAWING #: J OSBORN HSOP 16 214
 SCALE: N/A

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