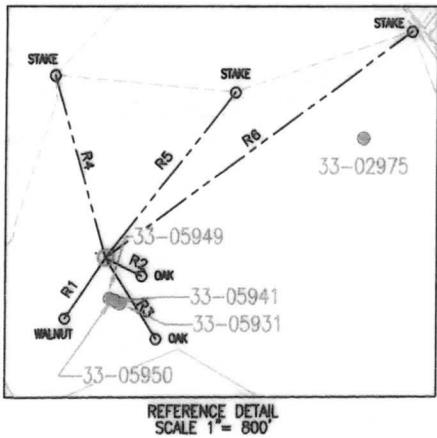


BHL is located on topo map 8,697 feet south of Latitude: 39°17'30"
SHL is located on topo map 9,171 feet south of Latitude: 39°17'30"

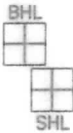


LINE	BEARING	DISTANCE
R1	S 34°14'18" W	304.59'
R2	S 63°25'52" E	167.59'
R3	S 31°57'07" E	396.87'
R4	N 15°52'44" W	784.89'
R5	N 38°08'10" E	871.34'
R6	N 53°42'29" E	1577.02'

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:

- There are no water wells or developed springs within 250' of proposed well.
- There are no existing buildings within 625' of proposed well.
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- 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.
- Topo Mark Scale is 1"=2000'.



THRASHER

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

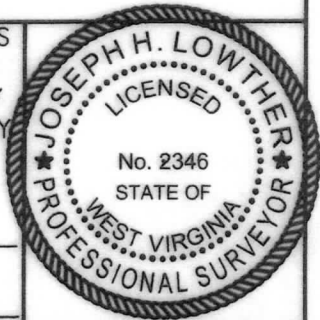
SEE PAGE 2 FOR PLAT

SEE PAGE 3 FOR SURFACE OWNER TABLE

FILE #: J OSBORN HSOP 16 214
DRAWING #: J OSBORN HSOP 16 214
SCALE: AS SHOWN
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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: [Signature]
R.P.E.: [Signature]
L.L.S.: P.S. No. 2346



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: MARCH 28, 2025
OPERATOR'S WELL #: J OSBORN HSOP 16 214
API WELL #: 47 33 06087
STATE COUNTY PERMIT

Well Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: SIMPSON CREEK ELEVATION: 1163.87'±

COUNTY/DISTRICT: HARRISON / SIMPSON QUADRANGLE: ROSEMONT, WV 7.5'

SURFACE OWNER: JUDY M OSBORN (LE) (JUDY M OSBORN IRREVOCABLE TRUST) ACREAGE: 70.00±

OIL & GAS ROYALTY OWNER: GOBEL OSBORN, ET AL ACREAGE: 1,399.52±

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY):

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7220'±

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS

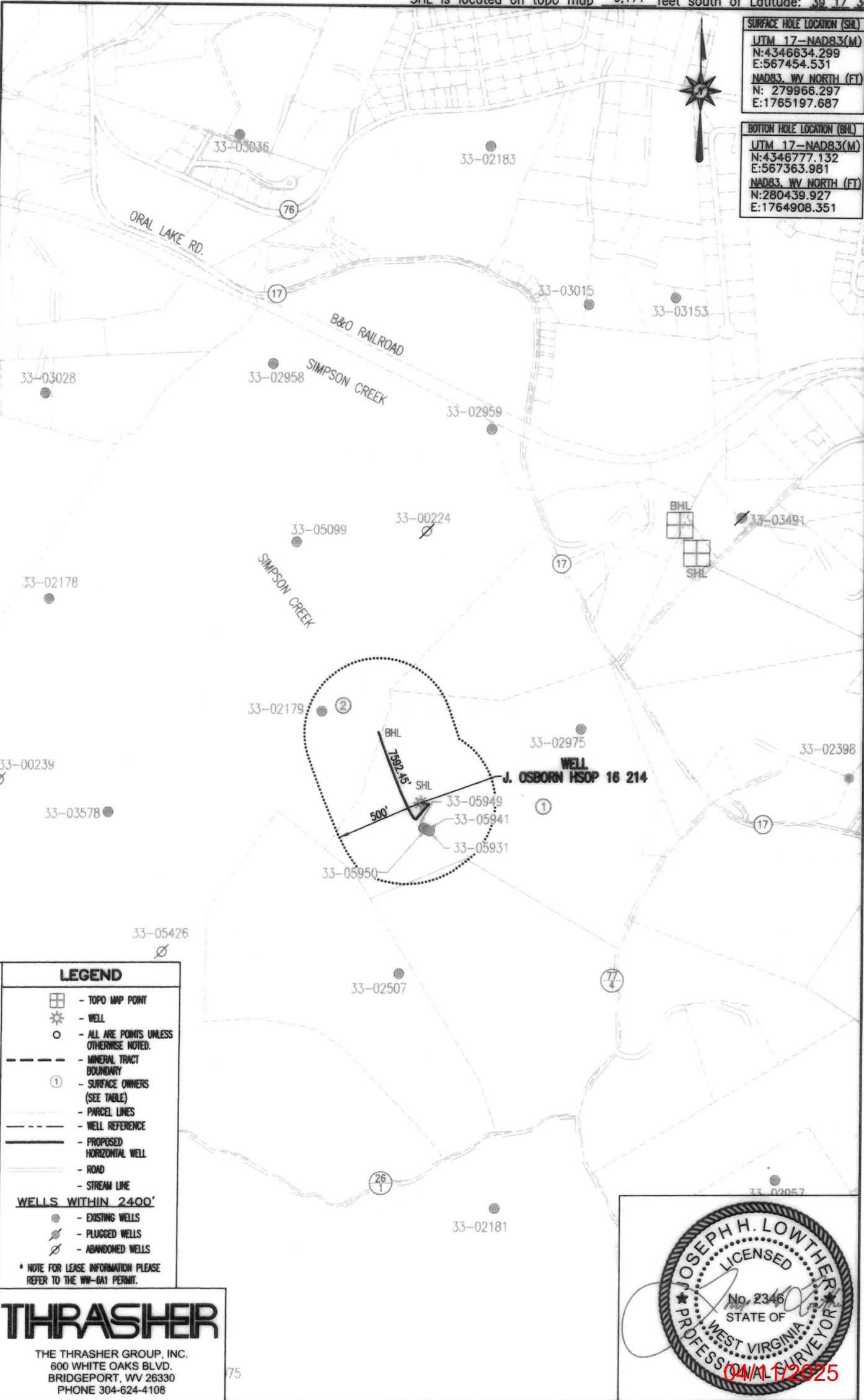
Address 6031 WALLACE ROAD EXTENSION, SUITE 101 Address 633 WEST MAIN ST.


City WEXFORD State PA Zip Code 15090 City BRIDGEPORT State WV Zip Code 26330

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SHL is located on topo map 9,171 feet south of Latitude: 39°17'30"

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"



DATE: MARCH 28, 2025	 STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	FILE #: J OSBORN HSOP 16 214
OPERATOR'S WELL #: J OSBORN HSOP 16 214		DRAWING #: J OSBORN HSOP 16 214
API WELL #: 47 33 06087 STATE COUNTY PERMIT		SCALE: 1" = 1000'
WELL OPERATOR ARSENAL RESOURCES Address 6031 WALLACE ROAD EXTENSION, SUITE 101 City WEXFORD State PA Zip Code 15090	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

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



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

WELL OPERATOR ARSENAL RESOURCES

Address 6031 WALLACE ROAD EXTENSION, SUITE 101

City WEXFORD State PA Zip Code 15090

DESIGNATED AGENT ERIC MORRIS

Address 633 WEST MAIN ST.

City BRIDGEPORT State WV Zip Code 26330