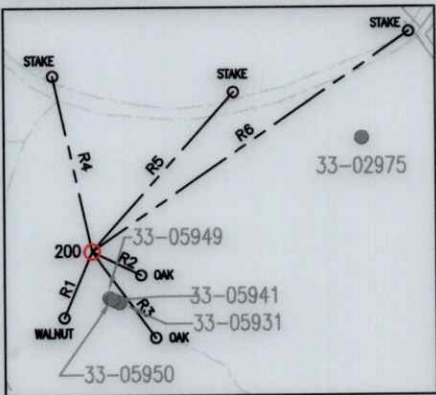


BHL is located on topo map 11,523 feet south of Latitude: 39°15'00"
SHL is located on topo map 9,144 feet south of Latitude: 39°17'30"

BHL is located on topo map 1.145 feet west of Longitude: 80°12'30."
SHL is located on topo map 2.883 feet west of Longitude: 80°12'30."



REFERENCE DETAIL
SCALE 1"= 800'

J OSBORN HSOP 16 200		
SURFACE HOLE LOCATION (SHL)		
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346642.057	NORTHING: 279992.657	LAT-(N) 39.266498
EASTING: 567437.973	EASTING: 1765143.777	LONG-(W) 80.218260
LANDING POINT LOCATION (LPL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346037.698	NORTHING: 278071.577	LAT-(N) 39.261141
EASTING: 566301.032	EASTING: 1761380.052	LONG-(W) 80.231498
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4341302.147	NORTHING: 262438.615	LAT-(N) 39.218340
EASTING: 568019.611	EASTING: 1766760.994	LONG-(W) 80.212057

LINE	BEARING	DISTANCE
R1	S 22°53'36" W	301.95'
R2	S 63°33'58" E	227.60'
R3	S 36°00'48" E	448.89'
R4	N 12°26'55" W	746.13'
R5	N 41°56'04" E	885.85'
R6	N 55°36'18" E	1605.75'

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'.

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BRIDGEPORT, WV 26330
PHONE 304-624-4108

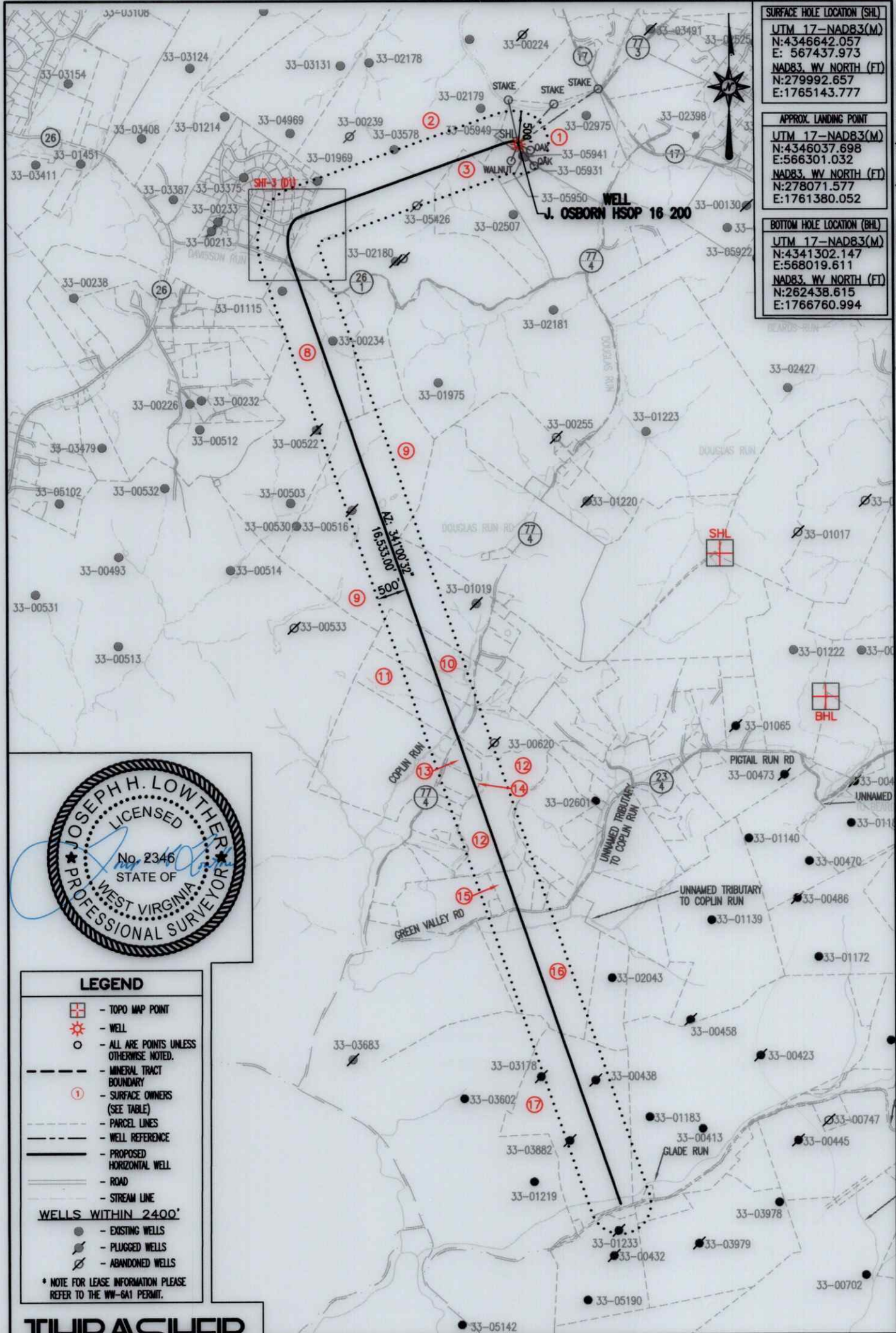
SEE PAGES 2-3 FOR PLAT

SEE PAGE 4 FOR SURFACE OWNER TABLE



FILE #: J OSBORN HSOP 16 200	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.		
DRAWING #: J OSBORN HSOP 16 200	Signed:	R.P.E.: _____	
SCALE: AS SHOWN	L.L.S.: P.S. No. 2346		
MINIMUM DEGREE OF ACCURACY: 1/2500	DATE: AUGUST 7, 2025		
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'	OPERATOR'S WELL #: J OSBORN HSOP 16 200		
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP	API WELL #: 47 033 06115		
OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304	STATE COUNTY PERMIT		
Well Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep ☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow	WATERSHED: SIMPSON CREEK ELEVATION: 1164.03'±		
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): _____		08/29/2025	
TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 7220'± TMD / 25,500'± TMD		
WELL OPERATOR ARSENAL RESOURCES	DESIGNATED AGENT ERIC MORRIS		
Address 6031 WALLACE ROAD EXTENSION, SUITE 200	Address 633 WEST MAIN ST.		
City WEXFORD State PA Zip Code 15090	City BRIDGEPORT State WV Zip Code 26330		

BHL is located on topo map 11,523 feet south of Latitude: 39°15'00"
SHL is located on topo map 9,144 feet south of Latitude: 39°17'30"



SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83(M)	N:4346642.057
	E: 567437.973
NAD83, WV NORTH (FT)	N:279992.657
	E:1765143.777
APPROX. LANDING POINT	
UTM 17-NAD83(M)	N:4346037.698
	E:566301.032
NAD83, WV NORTH (FT)	N:278071.577
	E:1761380.052
BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83(M)	N:4341302.147
	E:568019.611
NAD83, WV NORTH (FT)	N:262438.615
	E:1766760.994

BHL is located on topo map 1,145 feet west of Longitude: 80°12'30"
SHL is located on topo map 2,883 feet west of Longitude: 80°12'30"



- 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 WV-6A1 PERMIT.

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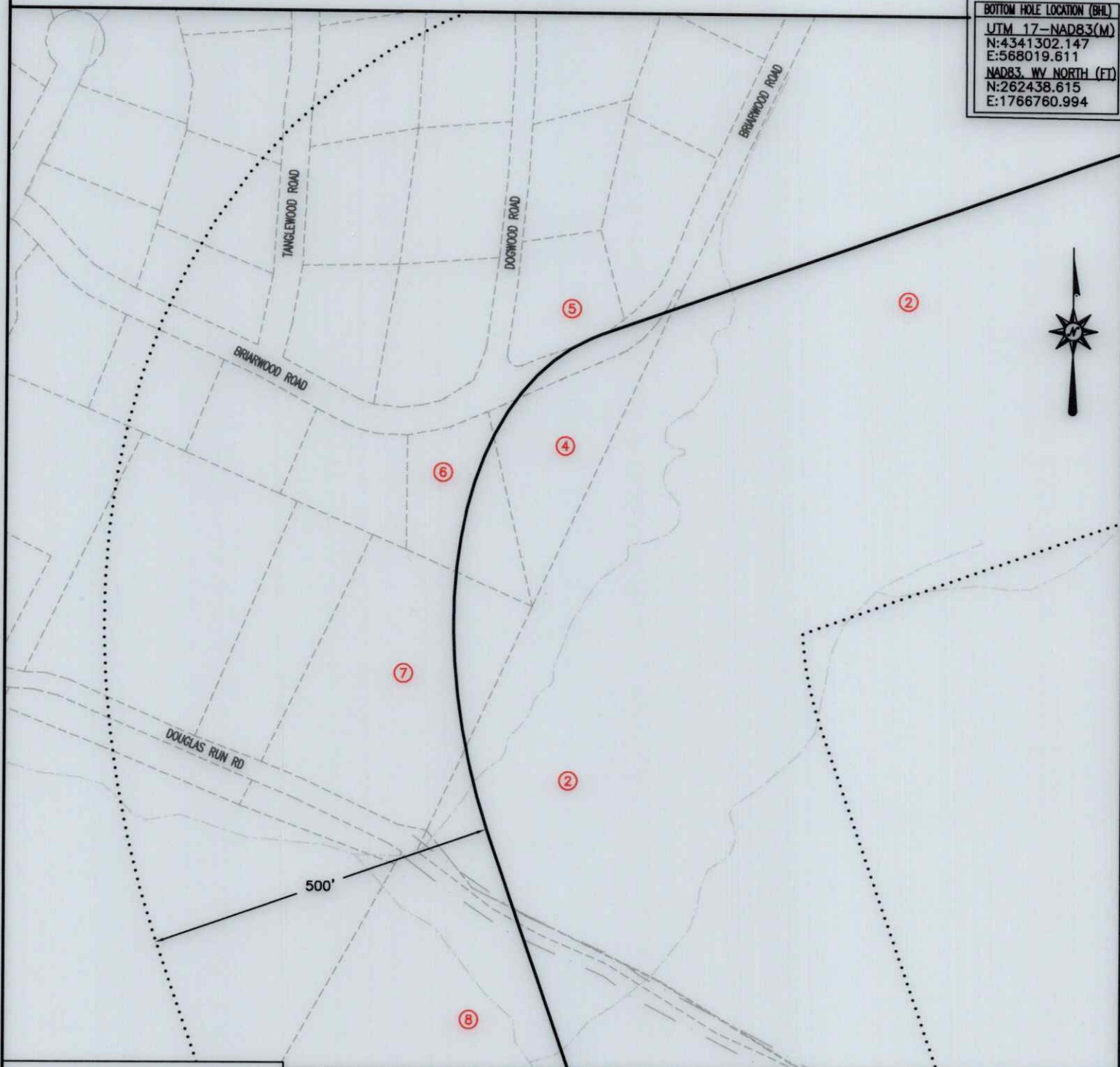
THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

SEE PAGE 3 FOR INSET DUE TO PARCEL SIZE
SEE PAGE 4 FOR SURFACE OWNERS TABLE

08/29/2025

DATE: AUGUST 7, 2025		FILE #: J OSBORN HSOP 16 200
OPERATOR'S WELL #: J OSBORN HSOP 16 200		DRAWING #: J OSBORN HSOP 16 200
API WELL #: 47 033 06115		SCALE: 1" = 2000'
STATE COUNTY PERMIT	STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	DESIGNATED AGENT ERIC MORRIS
WELL OPERATOR ARSENAL RESOURCES	Address 633 WEST MAIN ST.	City BRIDGEPORT State WV Zip Code 26330
Address 6031 WALLACE ROAD EXTENSION, SUITE 200		
City WEXFORD State PA Zip Code 15090		

SURFACE HOLE LOCATION (SHL)
<u>UTM 17-NAD83(M)</u>
N:4346642.057
E: 567437.973
<u>NAD83, WY NORTH (FT)</u>
N:279992.657
E:1765143.777
APPROX. LANDING POINT
<u>UTM 17-NAD83(M)</u>
N:4346037.698
E:566301.032
<u>NAD83, WY NORTH (FT)</u>
N:278071.577
E:1761380.052
BOTTOM HOLE LOCATION (BHL)
<u>UTM 17-NAD83(M)</u>
N:4341302.147
E:568019.611
<u>NAD83, WY NORTH (FT)</u>
N:262438.615
E:1766760.994



SHT-3 (D1)
SCALE 1" = 200'

-  - 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

- - EXISTING WELLS
- / - PLUGGED WELLS
- - ABANDONED WELLS

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

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08/29/2025



AUGUST 7, 2025

J OSBORN HSOP 16 200			
NO	OWNER'S NAME	API NUMBER	ACREAGE
1	OSBORN JUDY M (LE) (JUDY M OSBORN IRREVOCABLE	15-0330-0005	56.67
2	HARRON CAROLYN S	15-0330-0003	355.02
3	DAVIS CHARLES THOMAS II	15-0330-0004	41.84
2	HARRON CAROLYN S	15-0330-0003	355.02
4	ADLINGTON RODNEY LYNN & ALLISON LYNN	16-2423-0052	0.91
ROAD	BRIARWOOD ROAD	N/A	N/A
5	BIFANO CHRISTOPHER P & CHERYL	16-2423-0048	0.52
ROAD	BRIARWOOD ROAD	N/A	N/A
4	ADLINGTON RODNEY LYNN & ALLISON LYNN	16-2423-0052	0.91
6	BUSH THOMAS E III & CYNTHIA J	16-2423-0051	0.71
7	MICHEL THOMAS H & JONALEE A	15-0330-0024-0002	2.20
2	HARRON CAROLYN S	15-0330-0003	355.02
ROAD	DOUGLAS RUN	N/A	N/A
8	PHILLIPS JAMES P & COURTNEY L	15-0330-0024-0000	162.91
9	PHILLIPS JAMES P & COURTNEY	15-0350-0002-0000	158.49
10	ROLLINS JOHN C	15-0350-0010-0000	28.74
11	ROLLINS JOHN C	15-0350-0011-0000	29.52
ROAD	COPLIN RUN ROAD	N/A	N/A
12	FLESHER NICHOLAS A & MEGHAN A	15-0350-0022-0000	44.00
13	MCKINNEY PAUL SCOTT	15-0350-0022-0003	4.61
14	BEDNAR DANIEL S & MITZI D	15-0350-0022-0004	4.08
12	FLESHER NICHOLAS A & MEGHAN A	15-0350-0022-0000	44.00
15	ROBINSON JOHN E & SHAREN K	15-0370-0006-0006	13.22
ROAD	COPLIN RUN ROAD	N/A	N/A
16	TUCKER MARY M ETAL	15-0370-0008-0000	67.45
17	KIRK JOEL C	15-0370-0020-0000	104.85

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DATE: <u>AUGUST 7, 2025</u>		FILE #: <u>J OSBORN HSOP 16 200</u>
OPERATOR'S WELL #: <u>J OSBORN HSOP 16 200</u>		DRAWING #: <u>J OSBORN HSOP 16 200</u>
API WELL #: <u>47</u> <u>033</u> <u>06115</u>		SCALE: <u>N/A</u>
STATE COUNTY PERMIT		
WELL OPERATOR <u>ARSENAL RESOURCES</u>	STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	DESIGNATED AGENT <u>ERIC MORRIS</u>
Address <u>6031 WALLACE ROAD EXTENSION, SUITE 200</u>		Address <u>633 WEST MAIN ST.</u>
City <u>WEST VIRGINIA</u> State <u>PA</u> Zip Code <u>15000</u>		City <u>BRIDGEPORT</u> State <u>WV</u> Zip Code <u>26330</u>