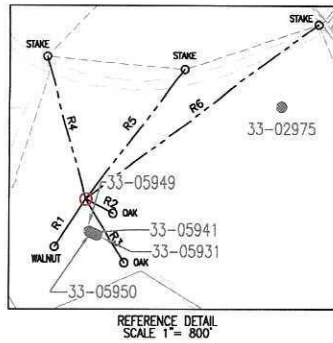


BHL is located on topo map 12,200 feet south of Latitude: 39°20'00"
 SHL is located on topo map 9,171 feet south of Latitude: 39°17'30"



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
LANDING POINT LOCATION (LPL)		
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
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4350330.237	NORTHING: 292169.490	LAT (N) 39.299834
EASTING: 566072.734	EASTING: 1760865.250	LONG (W) 80.233723

NOTES:

- There are no water wells or developed springs within 250' of proposed well.
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- Well Spot Circle & Topo Mark Scale is 1"=2000'.

THRASHER

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



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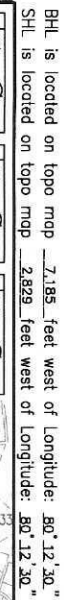
WV Department of
 Environmental Protection

SEE PAGE 2 FOR PLAT

SEE PAGE 3 FOR SURFACE OWNER TABLE

FILE #: J OSBORN HSOP 16 214		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 16 214				
SCALE: AS SHOWN		Signed:		
MINIMUM DEGREE OF ACCURACY: 1/2500		R.P.E.: _____ L.L.S.: P.S. No. 2346		
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'		DATE: JULY 22, 2025 OPERATOR'S WELL #: J OSBORN HSOP 16 214 API WELL #: 47 33 06087 STATE COUNTY PERMIT		
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304				
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'± TWD / 20,000' 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				

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DATE: <u>JULY 22, 2025</u>	 STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	FILE #: <u>J OSBORN HSOP 16 214</u>
OPERATOR'S WELL #: <u>J OSBORN HSOP 16 214</u>		DRAWING #: <u>J OSBORN HSOP 16 214</u>
API WELL #: <u>47</u> <u>33</u> <u>06087</u>		SCALE: <u>1" = 2000'</u>
<u>STATE</u> <u>COUNTY</u> <u>PERMIT</u>		
WELL OPERATOR <u>ARSENAL RESOURCES</u> Address <u>6031 WALLACE ROAD EXTENSION, SUITE 200</u> City <u>WEXFORD</u> State <u>PA</u> Zip Code <u>15090</u>		DESIGNATED AGENT <u>ERIC MORRIS</u> Address <u>633 WEST MAIN ST.</u> City <u>BRIDGEPORT</u> State <u>WV</u> Zip Code <u>26330</u>

08/22/2025

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
3	BENZAKEIN MARY ANN	15-0310-0063	7.35
RXR	CSX RAILROAD	N/A	N/A
4	ODELL LONNA J	15-0310-0047	0.86
5	WINDON CHARLES B	15-0310-0046	3.92
6	RICA DEVELOPERS LLC	15-0310-0044	7.15
ROAD	WV STATE ROUTE 76	N/A	N/A
7	VALLARTA KRISTINE	15-2321-0022	0.34
ROAD	LAKELAND PARK DRIVE	N/A	N/A
8	SIGLEY BARBARA L	15-2321-0001	0.51
9	KINTZ MARCUS & LORI S	15-2321-0002	0.22
10	WATSON MATTHEW L	15-2321-0003	0.27
11	ROBERTSON GREGORY D & SHELIA R	15-0310-0045	3.75
12	ROBERTSON GREGORY D & SHELIA R	15-0310-0024	7.14
13	ROBERTSON GREGORY D & SHELIA R	15-0310-0023	2.80
14	ROME JENNIFER E	15-0310-0080	0.29
ROAD	PEDDLER RUN ROAD	N/A	N/A
15	DEMARCO WILLIAM J & JANELLE M	15-0310-0073	0.31
16	G A L TOOL COMPANY	15-0310-0005-0001	6.00
17	G A L TOOL COMPANY	15-0310-0005-0013	2.21
16	G A L TOOL COMPANY	15-0310-0005-0001	6.00
18	ENERGY PLAZA PARTNERS LLC	15-0310-0005-0025	0.40
19	ENERGY PLAZA PARTNERS LLC	15-0310-0005-0002	7.41
ROAD	WV STATE ROUTE 76	N/A	N/A
20	ROUTE 76 ASSOCIATES	15-0310-0005	22.05
ROAD	WV STATE ROUTE 76	N/A	N/A
ROAD	US ROUTE 50	N/A	N/A
21	SPENCER TIMOTHY R	15-0310-0005-0019	0.69
22	CITY OF BRIDGEPORT	15-0310-0005-0022	0.01
23	HUFFMAN BETTY J	15-0310-0005-0014	0.50
24	BRIDGEPORT STORAGE LLC	15-0310-0005-0015	0.41
25	MAR KEY LLC	15-0310-0005-0016	0.59
26	CALLISON BEATRICE J	15-0290-0047-0001	0.21
27	CALLISON BEATRICE J	15-0290-0047	7.25
28	BENEDUM AIRPORT AUTHORITY	16-0290-0033	101.08
29	BENEDUM AIRPORT AUTHORITY	16-0290-0029-0004	2.93
30	BELASCO MOBILE HOME SALES	15-0290-0029	54.25
31	BENEDUM AIRPORT AUTHORITY	16-0290-0031	6.66
32	BENEDUM AIRPORT AUTHORITY	16-0290-0019	11.45

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THRASHER

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

DATE: JULY 22, 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 200
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 HSOP 16 214

08/22/2025

Area of Review Report - J Osborn Pad, 214 Lateral, Harrison County, WV

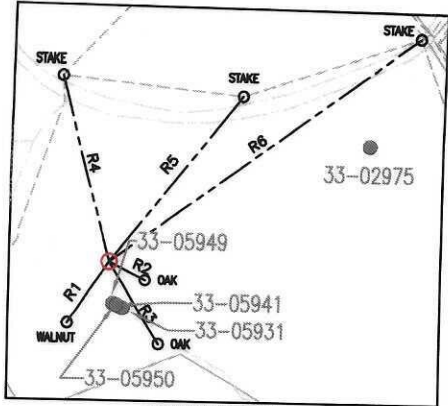
Well Name	API Number	Operator Name / Address	Well Type	Latitude	Longitude	Total Depth	Perforated Formation(s)	Producing Zones not Perforated
J Osborn HSOP 16 204	033-05931	Arsenal Resources, LLC	Existing	39.265907	-80.217852	24662	Marcellus Shale	NA
J Osborn HSOP 16 203	033-05941	Arsenal Resources, LLC	Existing	39.265924	-80.2179	24873	Marcellus Shale	NA
J Osborn HSOP 16 201	033-05949	Arsenal Resources, LLC	Existing	39.265958	-80.217997	25871	Marcellus Shale	NA
J Osborn HSOP 16 202	033-05950	Arsenal Resources, LLC	Existing	39.265941	-80.217949	25505	Marcellus Shale	NA
G. T. Faris 13	033-02179	Diversified Production, LLC	Existing	39.2681	-80.220462	4393	Benson	NA
Carolyn S Harron 38	033-05099	Diversified Production, LLC	Existing	39.271165	-80.220828	4298	Benson	NA
George Faris Heirs 20	033-02958	Diversified Production, LLC	Existing	39.2745	-80.221761	4202	Benson	Big Injun, Fifth
Lakeland Dev Co 1	033-03036	Diversified Production, LLC	Existing	39.278706	-80.222695	4445	Benson	NA
Rt 76 Associates 2	033-03076	Diversified Production, LLC	Existing	39.283926	-80.228107	4408	Benson	NA
M & S Wholesale 1	033-03132	Diversified Production, LLC	Existing	39.288421	-80.229041	4375	Benson	NA
Belasco Mobile Home 2	033-03204	Diversified Production, LLC	Existing	39.296009	-80.232403	4462	Benson	NA

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 Environmental Protection

4703306087

BHL is located on topo map 12,200 feet south of Latitude: 39°20'00"
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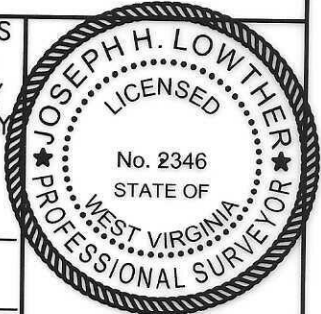
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SEE PAGE 3 FOR SURFACE OWNER TABLE

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

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Signed: *Joseph H. Lowther*
R.P.E.: _____ 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: JULY 22, 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'± TMD / 20,000' 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

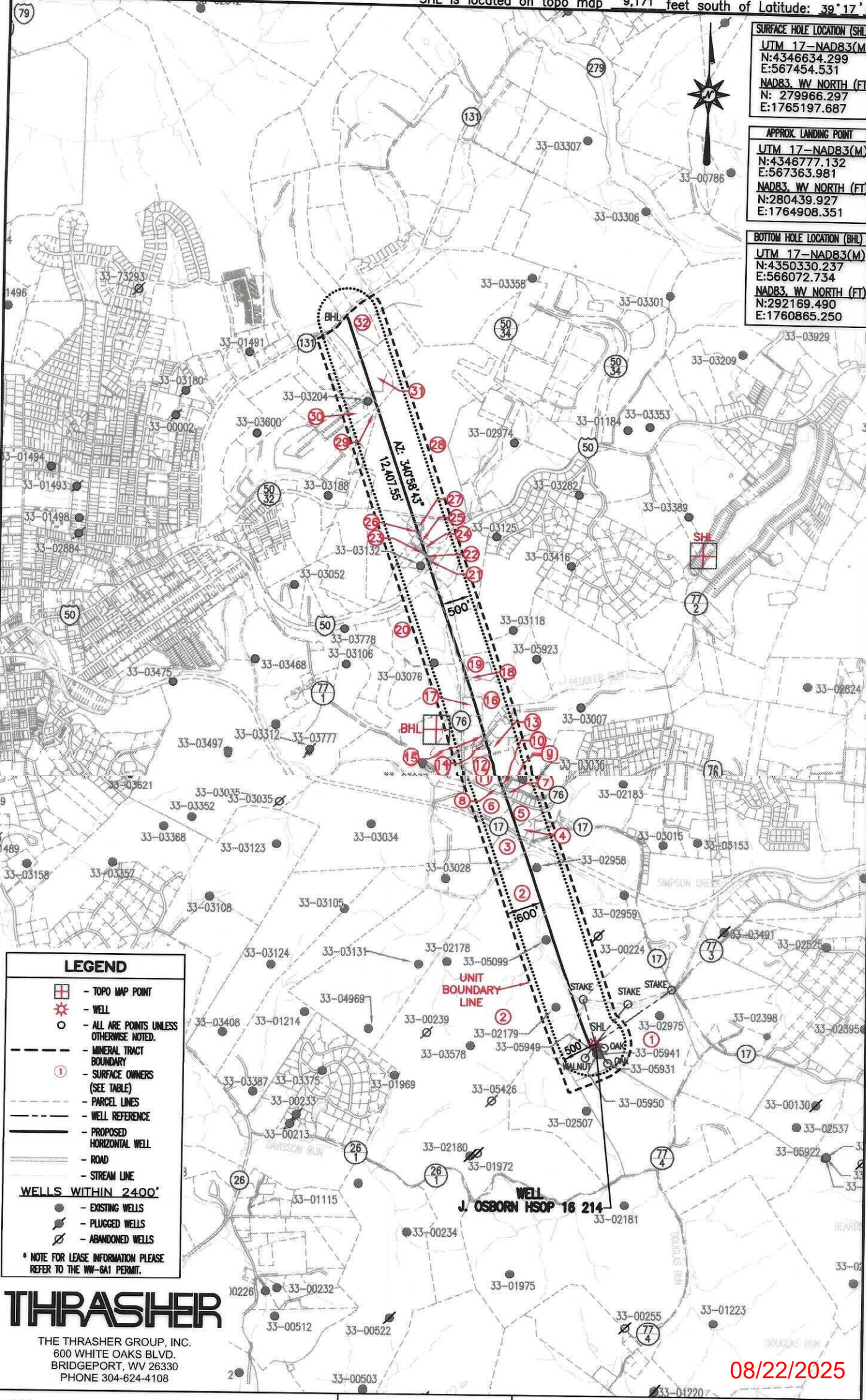
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E:566072.734
NAD83, WV NORTH (FT)
N:292169.490
E:1760865.250



LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- 1 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.

THRASHER

THE THRASHER GROUP, INC.
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BRIDGEPORT, WV 26330
PHONE 304-624-4108

DATE: JULY 22, 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 200
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" = 2000'

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

J OSBORN HSOP 16 214

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DATE: JULY 22, 2025		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: N/A
WELL OPERATOR ARSENAL RESOURCES	STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	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