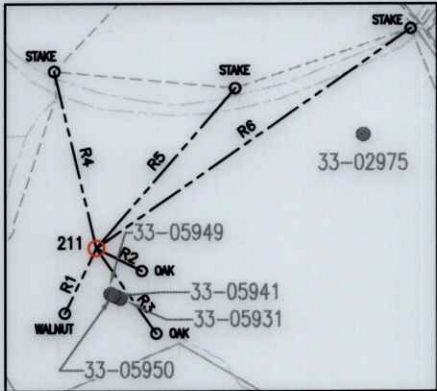




REFERENCE DETAIL
SCALE 1" = 800'

LINE	BEARING	DISTANCE
R1	S 25°44'29" W	301.49'
R2	S 63°32'21" E	212.59'
R3	S 35°05'20" E	435.69'
R4	N 13°20'21" W	755.56'
R5	N 40°59'48" E	881.86'
R6	N 55°08'14" E	1598.40'

J OSBORN HSOP 16 211		
SURFACE HOLE LOCATION (SHL)		
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346640.117	NORTHING: 279986.067	LAT-(N) 39.266480
EASTING: 567442.114	EASTING: 1765157.257	LONG-(W) 80.218212
LANDING POINT LOCATION (LPL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346402.289	NORTHING: 279266.208	LAT-(N) 39.264423
EASTING: 566332.790	EASTING: 1761504.162	LONG-(W) 80.231094
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4350000.435	NORTHING: 291144.852	LAT-(N) 39.296943
EASTING: 565018.435	EASTING: 1757387.690	LONG-(W) 80.245981

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.
- 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



SEE PAGES 2-5 FOR PLAT AND INSETS DUE TO PARCEL SIZE

SEE PAGES 6-7 FOR SURFACE OWNER TABLES

FILE #: J OSBORN HSOP 16 211
DRAWING #: J OSBORN HSOP 16 211
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:

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: OCTOBER 3, 2025

OPERATOR'S WELL #: J OSBORN HSOP 16 211

API WELL #: 47 33
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):

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7220'± TMD / 21,400' TMD

WELL OPERATOR ARSENAL RESOURCES DESIGNATED AGENT ERIC MORRIS

Address 6031 WALLACE ROAD EXTENSION, SUITE 200

Address 633 WEST MAIN ST.

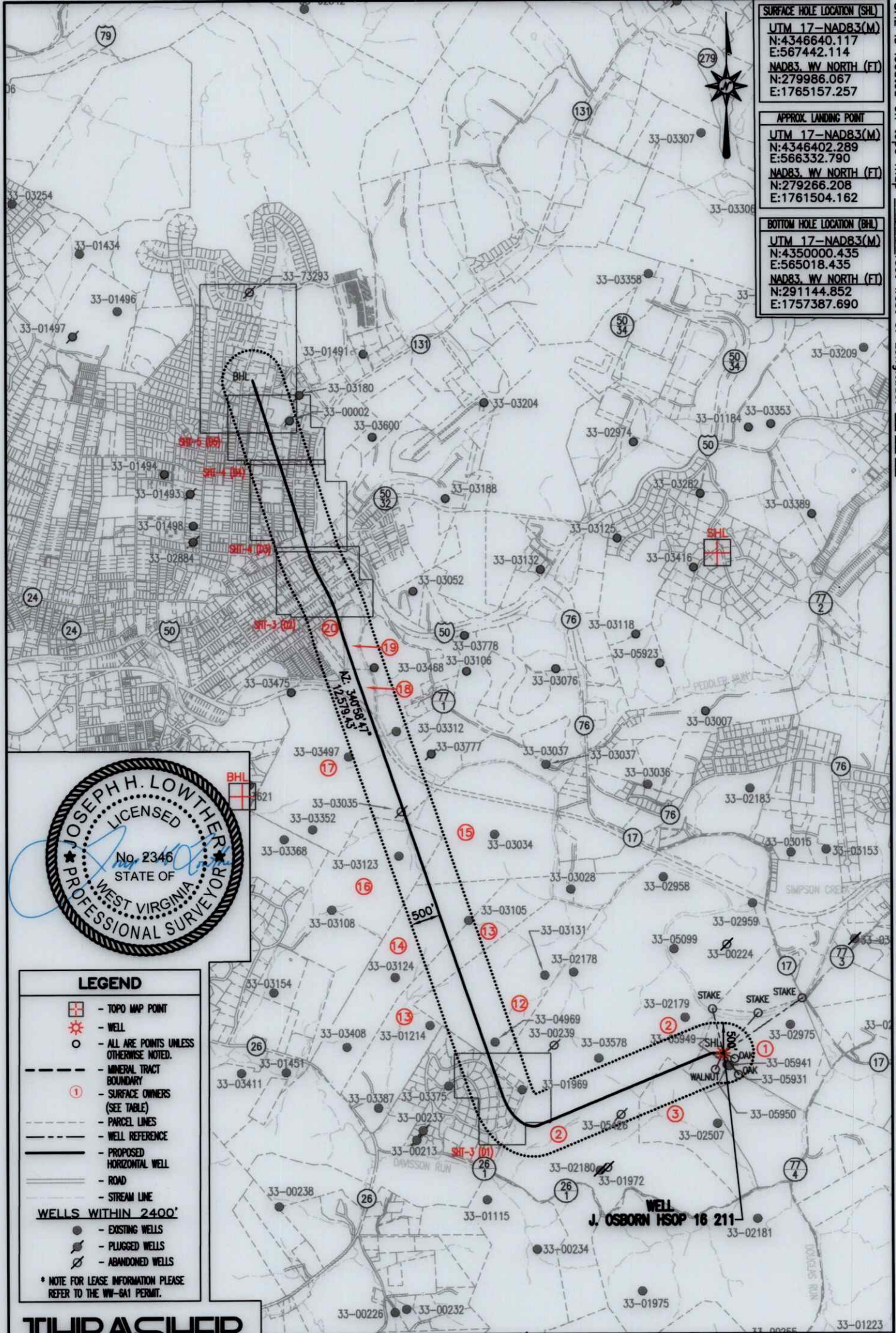
City WEXFORD State PA Zip Code 15090

City BRIDGEPORT State WV Zip Code 26330

BHL is located on topo map 10,655 feet west of Longitude: 80°12'30"
SHL is located on topo map 2,859 feet west of Longitude: 80°12'30"

BHL is located on topo map 13.168 feet south of Latitude: 39°20'00"
 SHL is located on topo map 9.151 feet south of Latitude: 39°17'30"

BHL is located on topo map 10.655 feet west of Longitude: 80°12'30"
 SHL is located on topo map 2.869 feet west of Longitude: 80°12'30"



SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4346640.117
E:567442.114
NAD83 WV NORTH (FT)
N:279986.067
E:1765157.257
APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4346402.289
E:566332.790
NAD83 WV NORTH (FT)
N:279266.208
E:1761504.162
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4350000.435
E:565018.435
NAD83 WV NORTH (FT)
N:291144.852
E:1757387.690



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-GA1 PERMIT.	

THRASHER

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

SEE PAGES 3-5 FOR INSETS DUE TO PARCEL SIZE

SEE PAGES 6-7 FOR SURFACE OWNERS 10/24/2025

DATE: OCTOBER 3, 2025
 OPERATOR'S WELL #: J OSBORN HSOP 16 211
 API WELL #: 47 33
 STATE COUNTY PERMIT



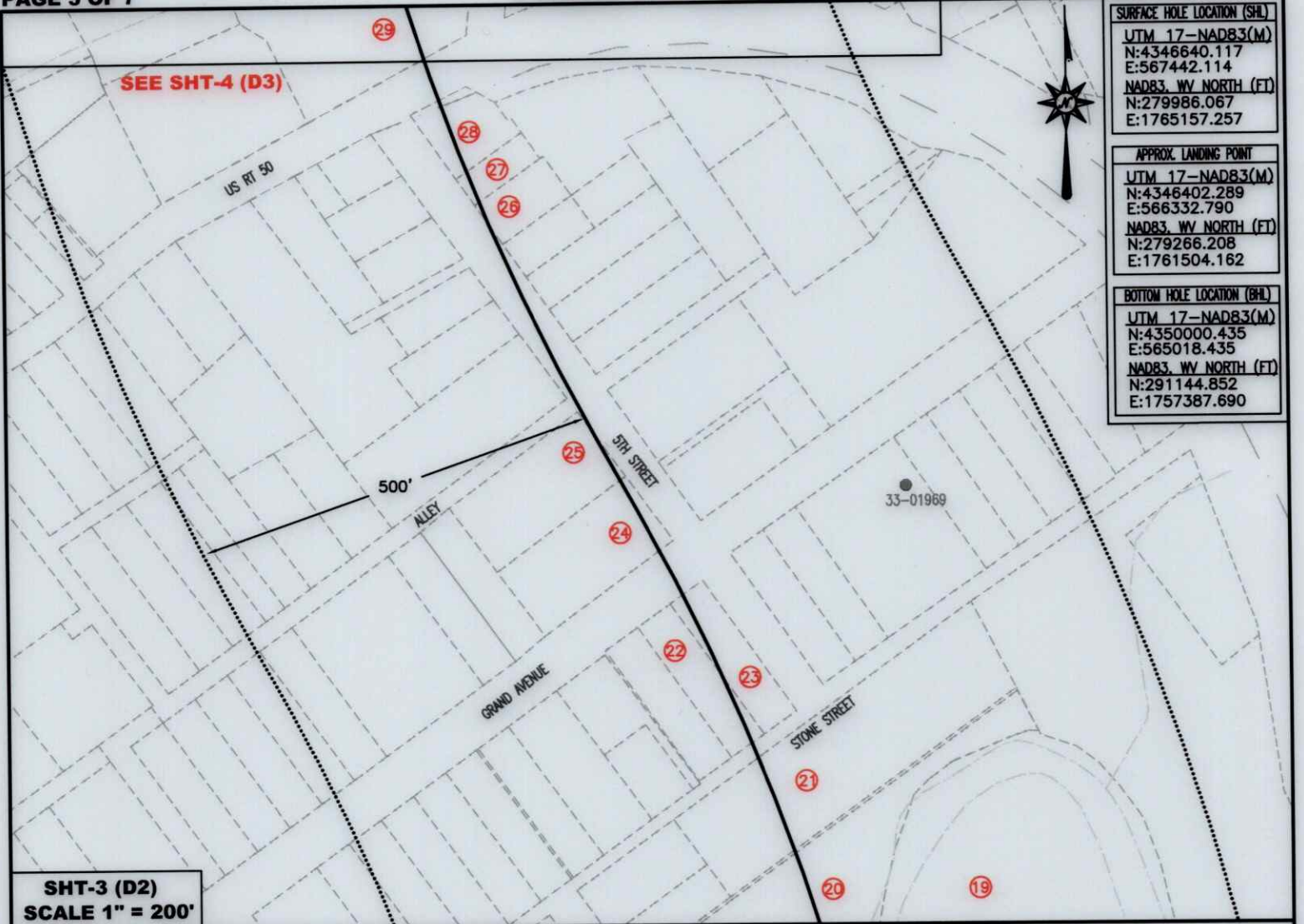
STATE OF WEST VIRGINIA
 DIVISION OF
 ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

FILE #: J OSBORN HSOP 16 211
 DRAWING #: J OSBORN HSOP 16 211
 SCALE: 1" = 2000'

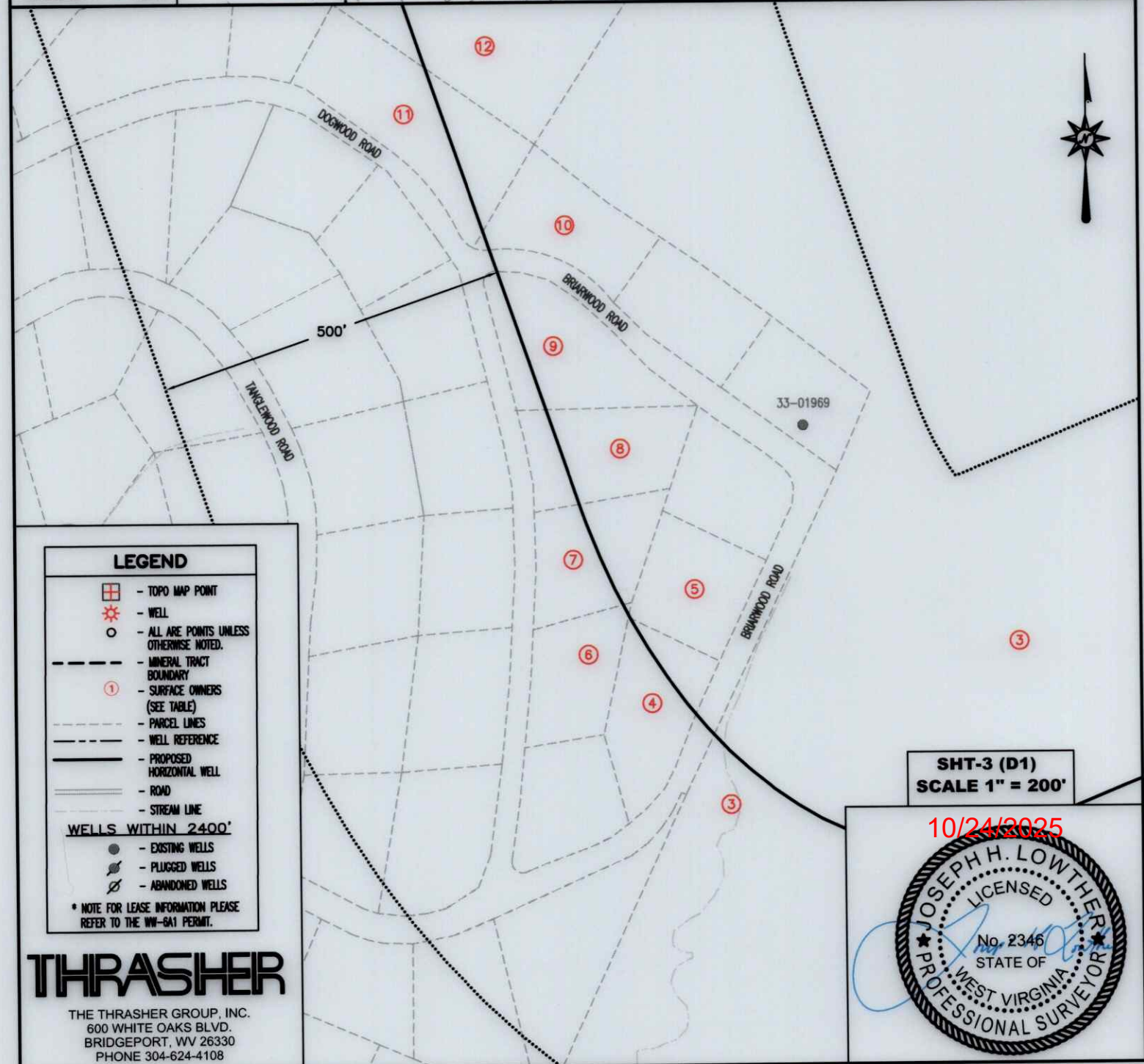
WELL OPERATOR ARSENAL RESOURCES
 Address 6031 WALLACE ROAD EXTENSION, SUITE 200
 City WEXFORD State PA Zip Code 15090

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

J OSBORN HSOP 16 211



SHT-3 (D2)
SCALE 1" = 200'



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

10/24/2025



LEGEND

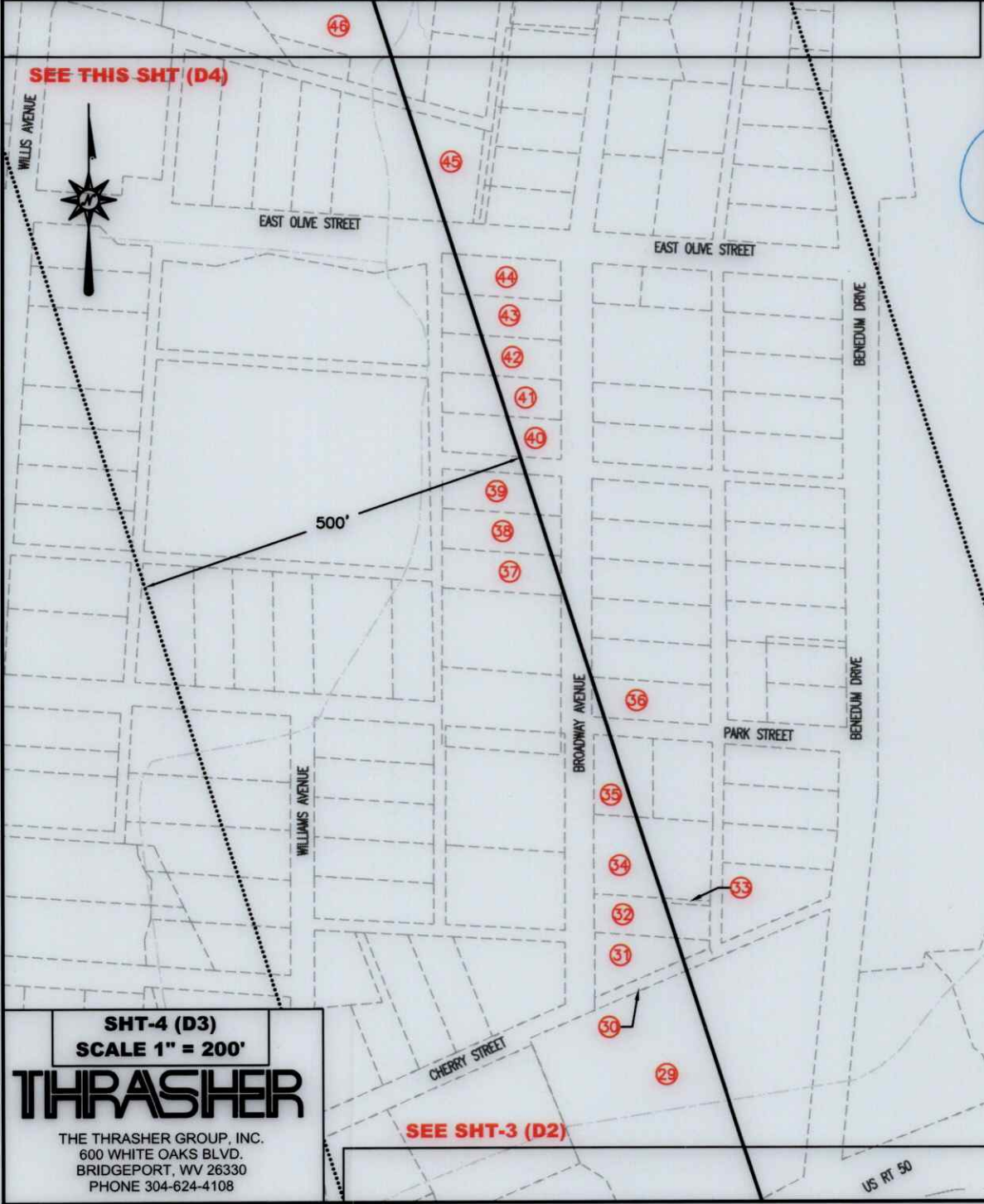
- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- SURFACE OWNERS (SEE TABLE)
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM LINE
- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

WELLS WITHIN 2400'

* NOTE FOR LEASE INFORMATION PLEASE REFER TO THE WM-GA1 PERMIT.

THRASHER

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



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 WH-6A1 PERMIT.	

10/24/2025

THRASHER

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

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4346640.117
E:567442.114
NAD83_WV NORTH (FT)
N:279986.067
E:1765157.257

APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4346402.289
E:566332.790
NAD83_WV NORTH (FT)
N:279266.208
E:1761504.162

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4350000.435
E:565018.435
NAD83_WV NORTH (FT)
N:291144.852
E:1757387.690



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

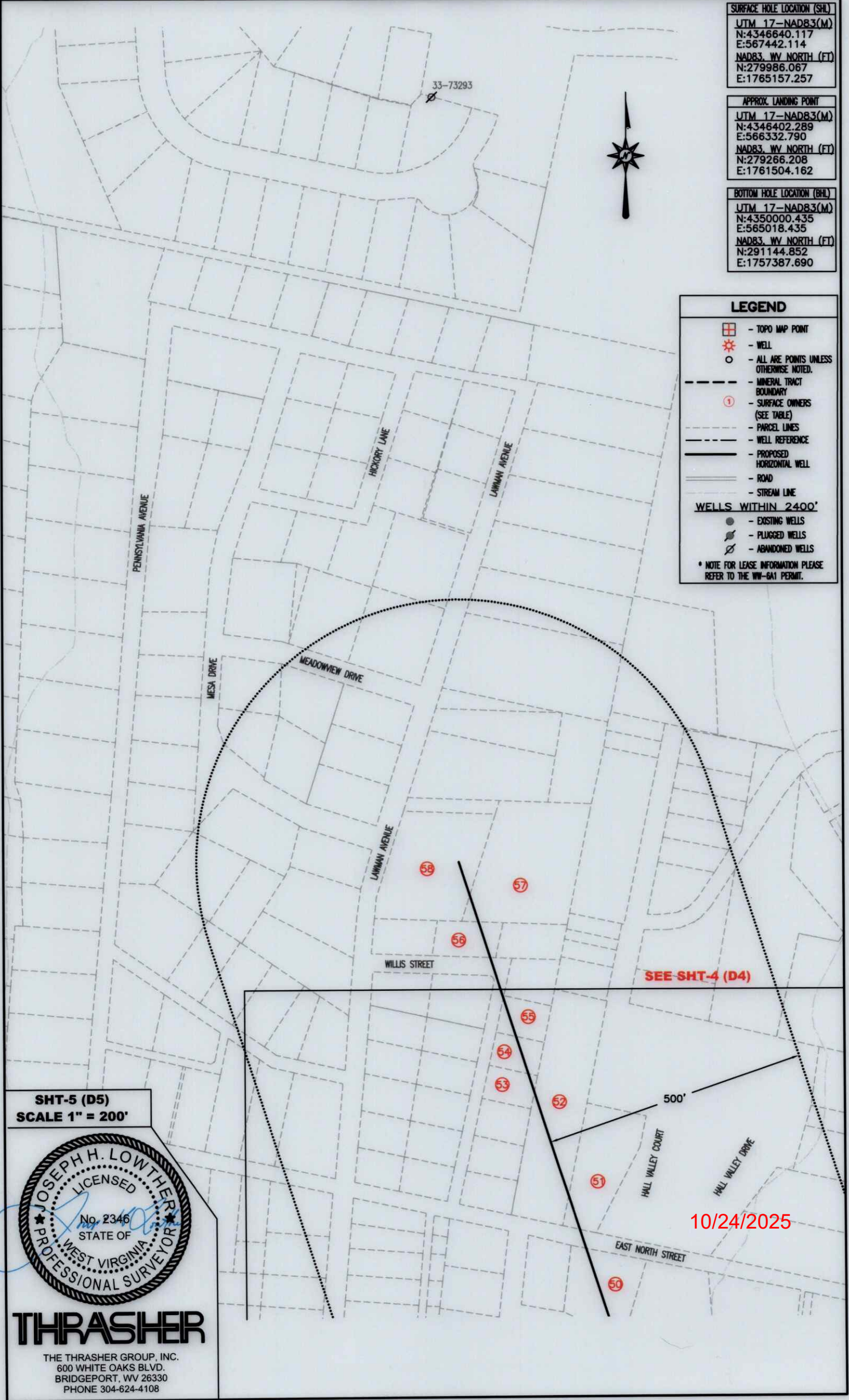
- STREAM LINE

- EXISTING WELLS

- PLUGGED WELLS

- ABANDONED WELLS

- NOTE FOR LEASE INFORMATION PLEASE REFER TO THE WV-GA1 PERMIT.



SHT-5 (D5)
SCALE 1" = 200'



THRASHER

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

10/24/2025

J OSBORN WELL 211			
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	DAVIS CHARLES THOMAS II	15-0330-0004	41.84
2	HARRON CAROLYN S	15-0330-0003	355.02
ROAD	BRIARWOOD ROAD	N/A	N/A
4	JULIAN JESSICA L & JOHN A	16-2423-0081	0.57
5	ANDRE ROBERT J III & SUZANNE	16-2423-0080	0.55
6	ANDERSON DANIEL A & SHANNON M	16-2423-0047	0.54
7	IAQUINTA FRANCIS S & MONICA L	16-2423-0046	0.64
8	HINKLE BRADLEY L & SHARON HADDIX	16-2423-0045	0.68
9	LEATHERMAN DELBERT E & STEPHANIE K	16-2423-0044	0.69
ROAD	BRIARWOOD ROAD	N/A	N/A
10	HORNE MICHAEL S & CHRISTY D	16-2423-67	0.60
11	JOHNSON JASON T & JANICE L	16-2423-77	1.021
12	WHYTE KAREN SUE	15-0330-0001	79.43
13	EBERT JOHN & CYNTHIA	15-0329-0038	72.82
14	FARIS DAVID A & TAMMERA L	15-0329-0038-0001	76.33
15	FARIS DAVID A & TAMMERA N	15-0310-0041	58.76
16	FARIS DAVID A & TAMMERA L	15-0309-0075	72.57
15	FARIS DAVID A & TAMMERA N	15-0310-0041	58.76
17	FARIS DAVID A & TAMMERA L	15-0309-0049	104.94
RXR	CSX RAILROAD	N/A	N/A
18	ALFRED J K	16-0309-0050	9.59
19	ALFRED J K	16-0309-0051	6.48
20	HESS KERRY A	16-2409-0172	4.25
21	HESS KERRY A	16-2409-0160	1.25
ROAD	STONE STREET	N/A	N/A
22	OLIVERIO JOHN F JR & PAMELA R	16-2409-0131	0.23
23	SMALLRIDGE JUSTIN D & SARAH ELIZABETH	16-2409-0132	0.24
ROAD	GRAND AVENUE	N/A	N/A
24	COLE JOHN K	16-2405-0392	0.45
25	MARION THOMAS J	16-2405-0392-0001	0.45
ROAD	5TH STREET	N/A	N/A
26	OLIVERIO PATRICK K AL 3/4INT & PETER A OLIVERIO JR EST AL 1/4	16-2409-0050	0.15
27	OLIVERIO SHIRLEY	16-2409-0039	0.09
28	OLIVERIO SHIRLEY	16-2409-0001	0.20
ROAD	US ROUTE 50	N/A	N/A
29	TEDA J FAMILY LIMITED PARTNERSHIP	16-2405-0320-0001	2.32
30	TEDA J FAMILY LIMITED PARTNERSHIP	16-2405-0404	0.06
31	TEDA J FAMILY LIMITED PARTNERSHIP	16-2405-0103	0.20
32	DEVERICKS ANTOINETTE J	16-2405-0077	0.17

THRASHER

THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4708

10/24/2025

DATE: <u>OCTOBER 3, 2025</u>		FILE #: <u>J OSBORN HSOP 16 211</u>
OPERATOR'S WELL #: <u>J OSBORN HSOP 16 211</u>		DRAWING #: <u>J OSBORN HSOP 16 211</u>
API WELL #: <u>47</u> <u>33</u> STATE COUNTY PERMIT		SCALE: <u>N/A</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>	STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	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>

J OSBORN WELL 211			
ID	SURFACE OWNER	DIST-TM-PAR	ACREAGE
33	DEVERICKS ANTOINETTE J	16-2405-0077-0001	0.008
34	NELSON PATTY A	16-2405-0064	0.34
35	SHULTZ FOREST WESLEY & DEBORAH D	16-2405-0041	0.17
ROAD	PARKS STREET	N/A	N/A
36	KSR PROPERTIES LLC	16-2405-0028	0.17
ROAD	BROADWAY AVENUE	N/A	N/A
37	TRUONG TRAN N	16-2403-0291	0.17
38	ICEKEWL LLC	16-2403-0285	0.17
39	TRENT STEPHEN W & REMONDA L	16-2403-0278	0.17
ROAD	UNNAMED ALLEY	N/A	N/A
40	STOUT TINA A TICE	16-2403-0274	0.17
41	SANDY CAROLYN A & JERRICA C STATEN	16-2403-0266	0.17
42	STATEN SHERRI ANN	16-2403-0255	0.17
43	WALTON RICHARD M & RICHARD D	16-2403-0244	0.17
44	KOVALAN JOANNE J BOYER	16-2403-0234	0.17
ROAD	EAST OLIVE STREET	N/A	N/A
45	DEVERICKS SHARON	16-2403-0210	0.57
ROAD	UNNAMED ALLEY	N/A	N/A
46	SEYFERT GEORGE S & IVY M	16-2403-0330	0.76
47	SEYFERT GEORGE SCOTT & IVY M	16-2403-0331	0.94
48	DELGRECO CHRISTOPHER V & KIMBERLY J	16-2403-0332	0.47
49	LOPEZ JOHN & BEVERLY IRREVOCABLE TRUST	16-2403-0335	1.09
ROAD	GLENVIEW DRIVE	N/A	N/A
50	MILINOVICH STEPHEN J & KARA M	16-2403-0337	0.43
ROAD	EAST NORTH STREET	N/A	N/A
51	TIGHE GLEN	16-2403-0373	0.69
52	BENSON MARK PATRICK & ALYSON LOREN	16-2403-0366	0.89
53	GEORGE HAROLD W & KATHLEEN M	16-2403-0021	0.14
54	GREENMAN MARTIN B & JENNIFER L	16-2403-0018	0.14
55	MAURER DAVID N & DOREEN C	16-2403-0015	0.15
ROAD	WILLIS STREET	N/A	N/A
56	COAKLEY STEPHEN	16-2403-0010	0.19
57	BAILEY BETH ANN	16-2411-0029	0.95
58	EGAN SHAUN MATTHEW	16-2411-0030	0.82

THRASHER

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

DATE: OCTOBER 3, 2025
OPERATOR'S WELL #: J OSBORN HSOP 16 211
API WELL #: 47 33
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 16 211
DRAWING #: J OSBORN HSOP 16 211
SCALE: N/A

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