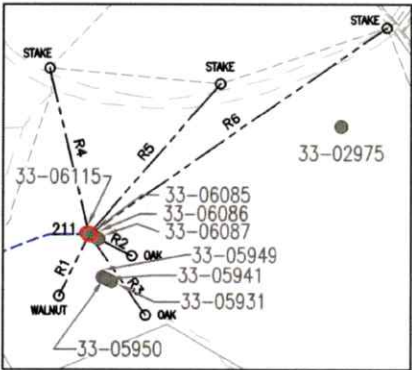


BHL is located on topo map 13,260 feet south of Latitude: 39°20'00"
SHL is located on topo map 9,151 feet south of Latitude: 39°17'30"



REFERENCE DETAIL
SCALE 1" = 800'

LINE	BEARING	DISTANCE
R1	S 25°44'30" W	301.50'
R2	S 63°32'17" E	212.60'
R3	S 35°05'18" E	435.70'
R4	N 13°20'22" W	755.55'
R5	N 40°59'48" E	881.85'
R6	N 55°08'14" E	1598.40'

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

AS-DRILLED PLAT

J OSBORN HSOP 16 211 PERMITTED		
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) 80.213096
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4350000.435	NORTHING: 291144.852	LAT-(N) 39.295943
EASTING: 565018.435	EASTING: 1757187.690	LONG-(W) 80.215981

J OSBORN HSOP 16 211 AS-DRILLED		
SURFACE HOLE LOCATION (SHL)		
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346640.118	NORTHING: 279986.070	LAT-(N) 39.266480
EASTING: 567442.115	EASTING: 1765157.260	LONG-(W) 80.218212
LANDING POINT LOCATION (LPL)		
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346430.640	NORTHING: 279359.850	LAT-(N) 39.264680
EASTING: 566321.557	EASTING: 1761468.850	LONG-(W) 80.213221
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M)	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4349972.056	NORTHING: 291053.010	LAT-(N) 39.296691
EASTING: 565031.084	EASTING: 1757427.680	LONG-(W) 80.215837



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AUG 07 2026

WV Department of
Environmental Protection

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: *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 27, 2026
OPERATOR'S WELL #: J OSBORN HSOP 16 211
API WELL #: 47 033 06084
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±

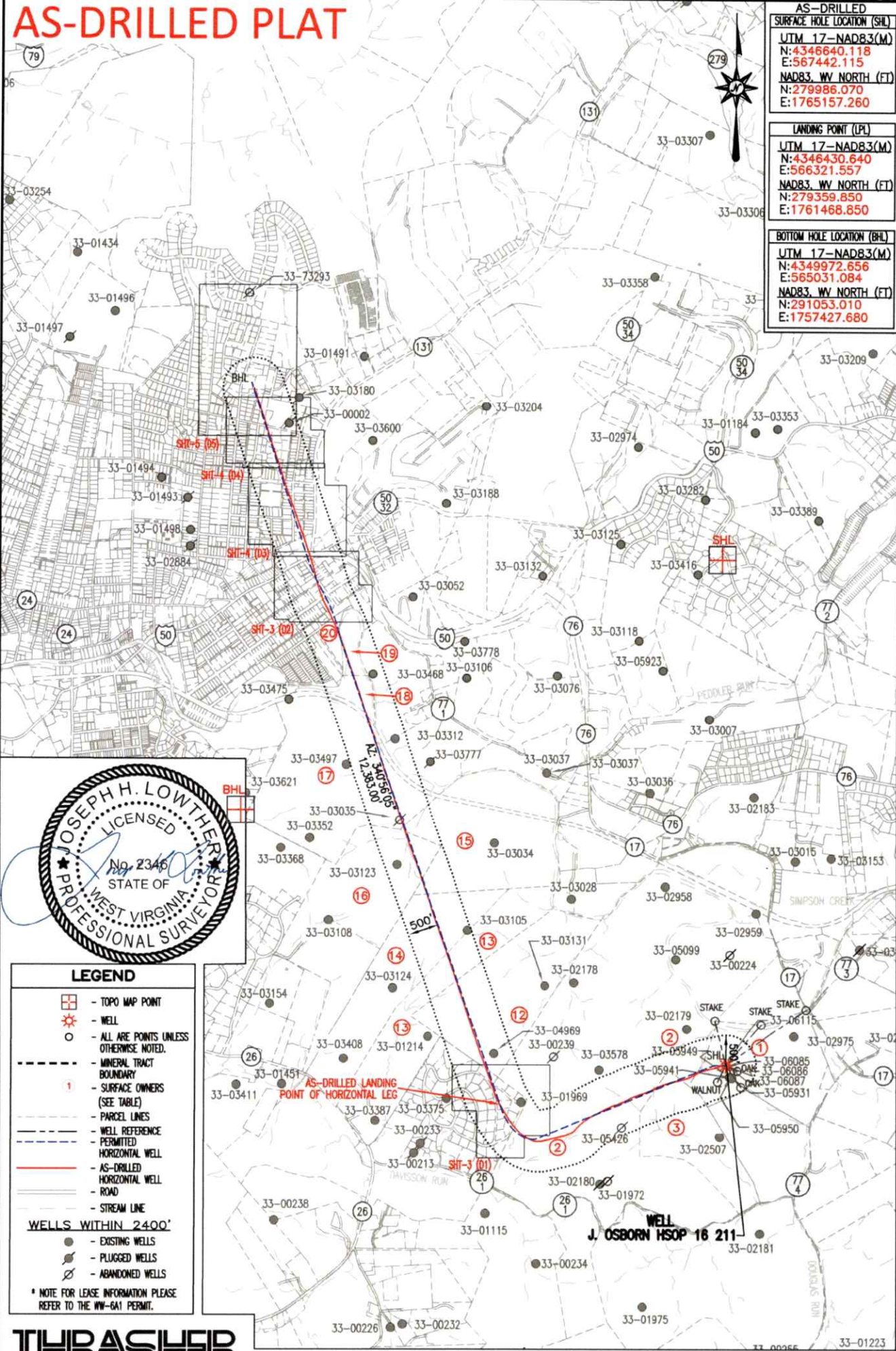
DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY):

08/28/2026

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7452'± TVD / 21,261' 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 13,260 feet south of Latitude: 39°20'00"
SHL is located on topo map 9,151 feet south of Latitude: 39°17'30"



AS-DRILLED	
SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83(M)	N:4346640.118
	E:567442.115
NAD83_WV NORTH (FT)	N:279986.070
	E:1765157.260
LANDING POINT (LPL)	
UTM 17-NAD83(M)	N:4346430.640
	E:566321.557
NAD83_WV NORTH (FT)	N:279359.850
	E:1761468.850
BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83(M)	N:4349972.656
	E:565031.084
NAD83_WV NORTH (FT)	N:291053.010
	E:1757427.680

BHL is located on topo map 10,614 feet west of Longitude: 80°12'30"
SHL is located on topo map 2,870 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
 - PERMITTED HORIZONTAL WELL
 - AS-DRILLED 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.
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 TABLES

DATE: JULY 27, 2026

OPERATOR'S WELL #: J OSBORN HSOP 16 211

API WELL #: 47 033 06084

STATE COUNTY PERMIT

WELL OPERATOR ARSENAL RESOURCES

Address 6031 WALLACE ROAD EXTENSION, SUITE 200

City WEXFORD State PA Zip Code 15090



FILE #: J OSBORN HSOP 16 211

DRAWING #: J OSBORN HSOP 16 211

SCALE: 1" = 2000'

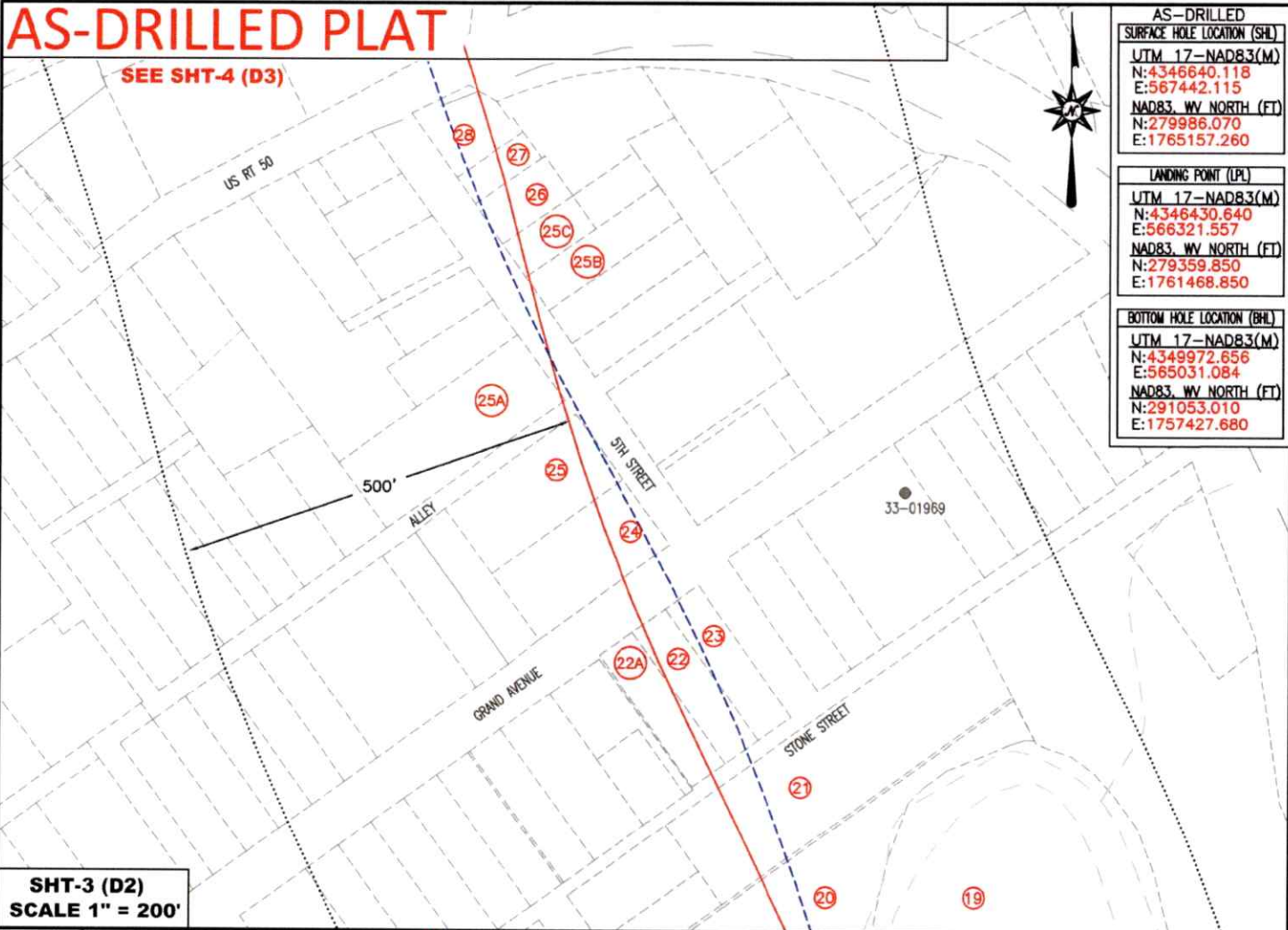
DESIGNATED AGENT ERIC MORRIS

Address 633 WEST MAIN ST.

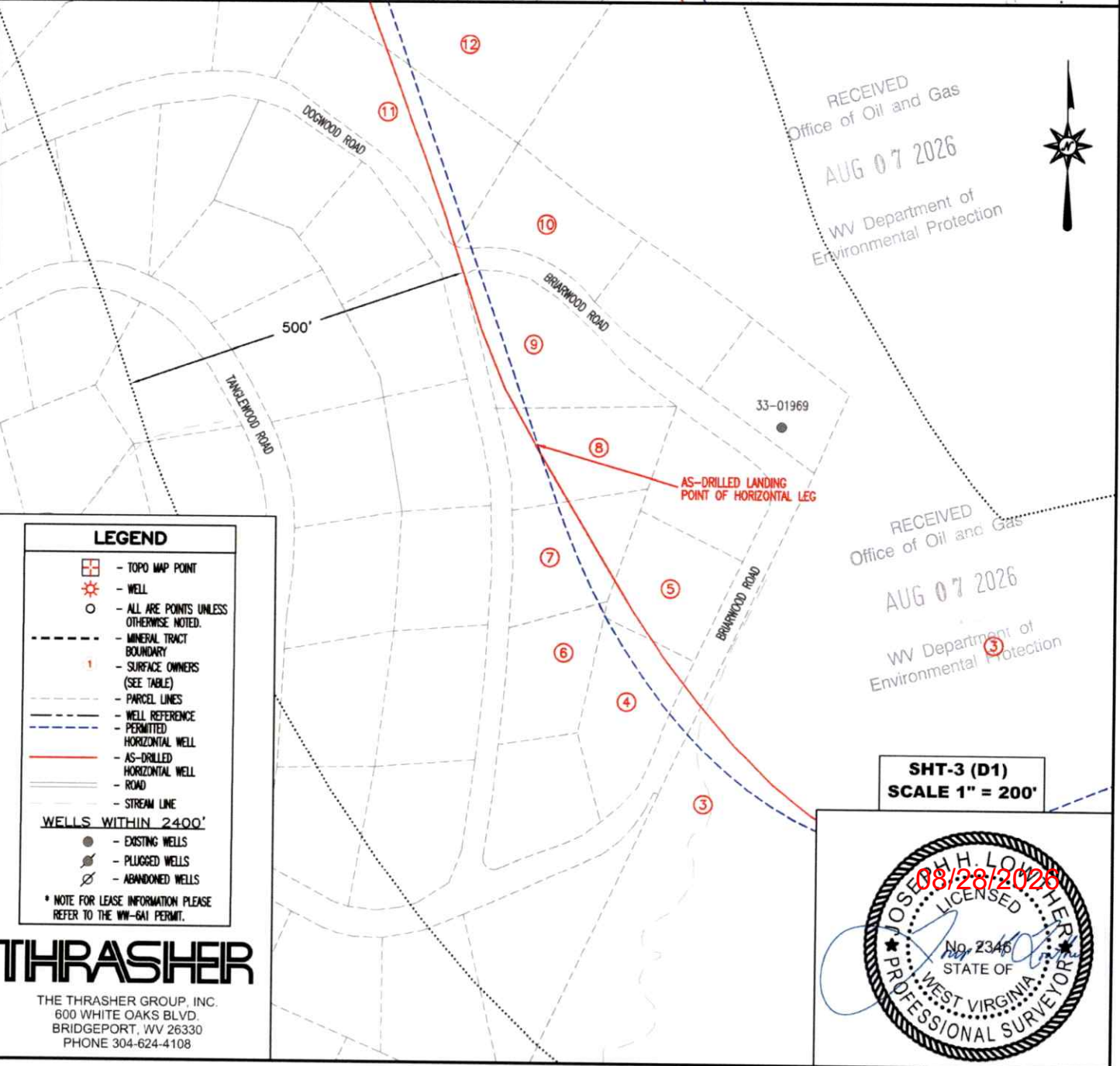
City BRIDGEPORT State WV Zip Code 26330

AS-DRILLED PLAT

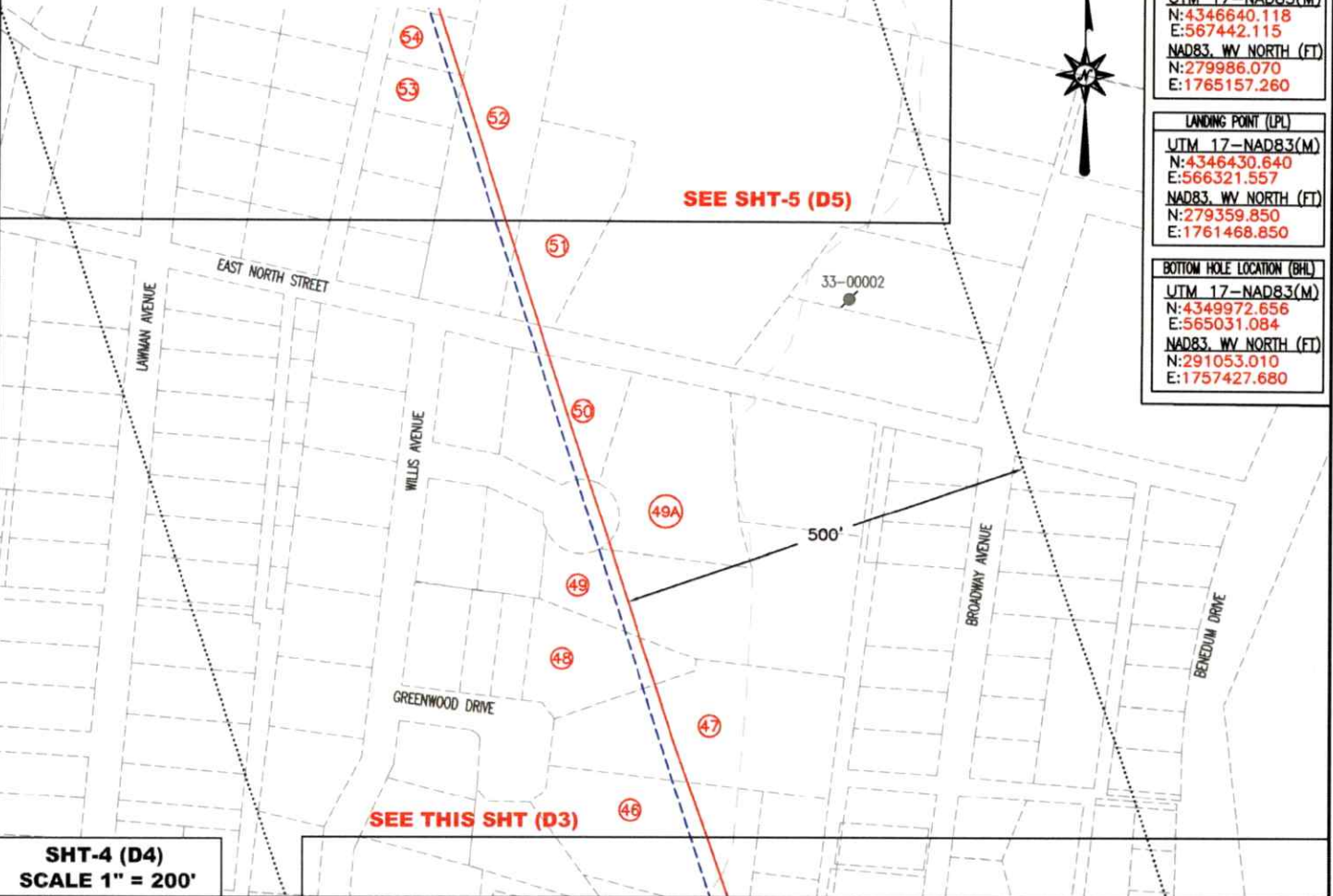
SEE SHT-4 (D3)



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

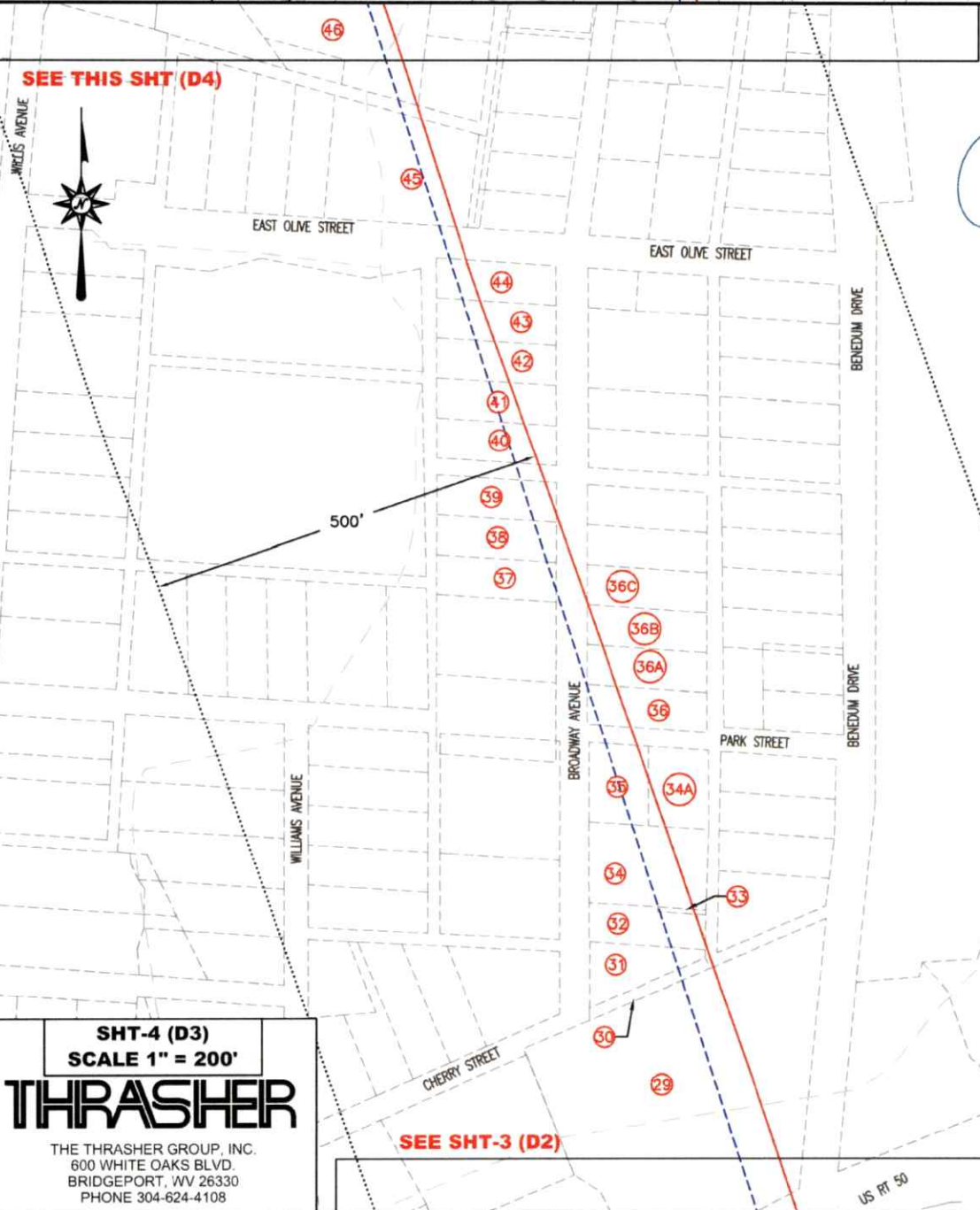


AS-DRILLED PLAT



AS-DRILLED
SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4346640.118
E:567442.115
NAD83, WV NORTH (FT)
N:279986.070
E:1765157.260
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BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4349972.656
E:565031.084
NAD83, WV NORTH (FT)
N:291053.010
E:1757427.680

SHT-4 (D4)
SCALE 1" = 200'



LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- MINERAL TRACT BOUNDARY
	- SURFACE OWNERS (SEE TABLE)
	- PARCEL LINES
	- WELL REFERENCE
	- PERMITTED HORIZONTAL WELL
	- AS-DRILLED 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.	

SHT-4 (D3)
SCALE 1" = 200'

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

08/28/2026

AS-DRILLED PLAT

AS-DRILLED	
SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83(M)	N:4346640.118
	E:567442.115
NAD83, WV NORTH (FT)	N:279986.070
	E:1765157.260
LANDING POINT (LPL)	
UTM 17-NAD83(M)	N:4346430.640
	E:566321.557
NAD83, WV NORTH (FT)	N:279359.850
	E:1761468.850
BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83(M)	N:4349972.656
	E:565031.084
NAD83, WV NORTH (FT)	N:291053.010
	E:1757427.680



LEGEND

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

WELLS WITHIN 2400'

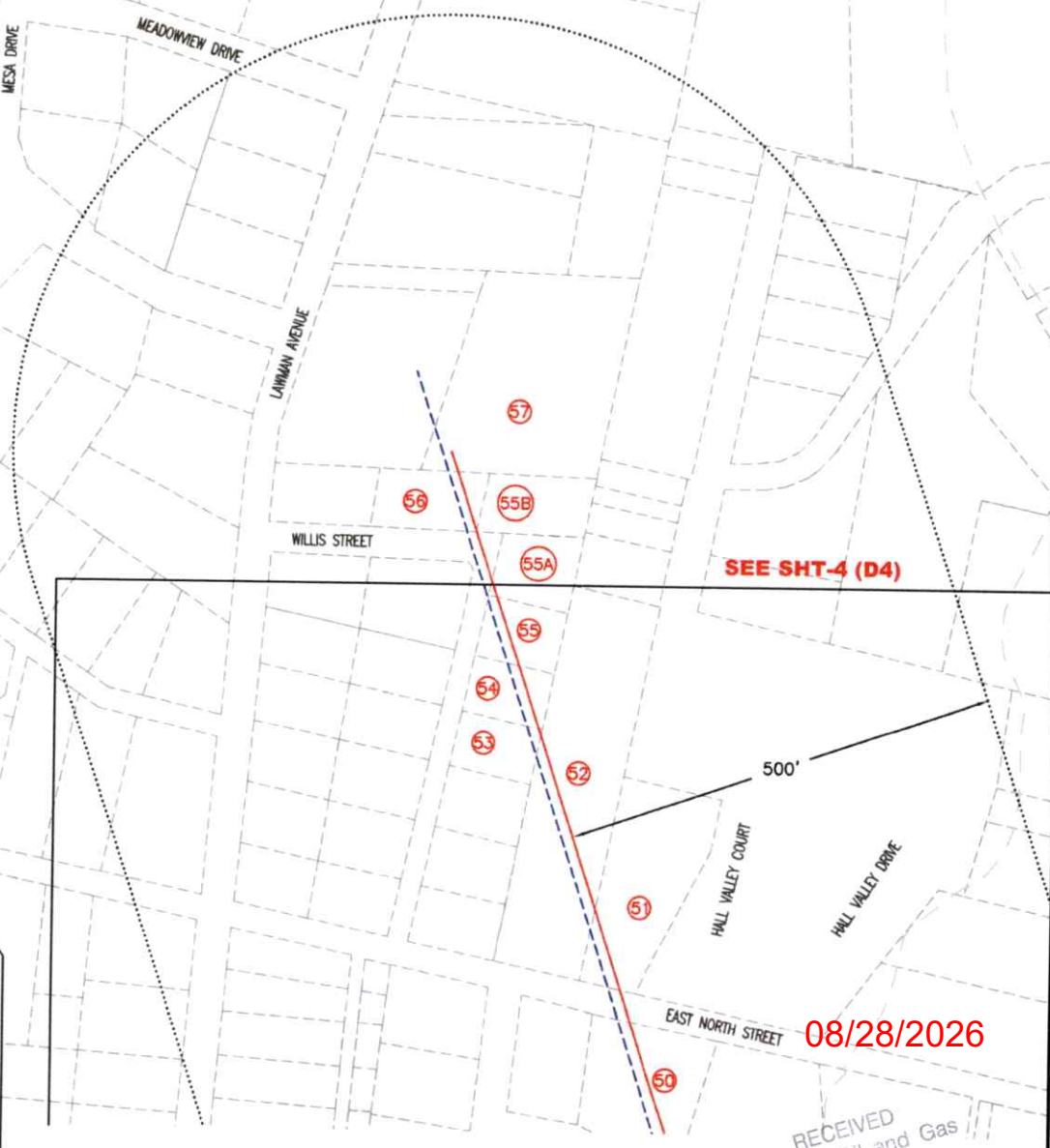
- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

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

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



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



08/28/2026

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AUG 07 2026

JULY 27, 2026

WV Department of
Environmental Protection

AS-DRILLED PLAT

J OSBORN WELL 211 AS-DRILLED			
ID	SURFACE OWNER	DIST-TM-PAR	ACREAGE
1	OSBORN JUDY M (LE) (JUDY M OSBORN IRREVOCABLE TRUST)	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
22A	LANHAM SUSAN E	16-2409-0130	0.23
23	SMALL RIDGE JUSTIN D & SARAH ELIZABETH	16-2409-0132	0.23
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
25A	EDGELL ARLENE L (ELIZABETH MEADE)	16-2405-0380	0.63
ROAD	5TH STREET	N/A	N/A
25B	BURNSIDE SCOTT P	16-2409-0057	0.23
25C	OLIVERIO PHILIP M	16-2409-0053-0001	0.12
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

THRASHER

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DATE: JULY 27, 2026

OPERATOR'S WELL #: J OSBORN HSOP 16 211

API WELL #: 47 33 06084

STATE COUNTY PERMIT

WELL OPERATOR ARSENAL RESOURCES

Address 6031 WALLACE ROAD EXTENSION, SUITE 200

City WEXFORD State PA Zip Code 15090



08/28/2026

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

AS-DRILLED PLAT

J OSBORN WELL 211 AS-DRILLED			
ID	SURFACE OWNER	DIST-TM-PAR	ACREAGE
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
33	DEVERICKS ANTOINETTE J	16-2405-0077-0001	0.008
34	NELSON PATTY A	16-2405-0064	0.34
34A	NOEL STEPHEN J & YVETTE R & CHELSEY I JR & ELEANOR	16-2405-0051	0.17
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
36A	HARPER STANLEY LANE ETUX (LE) (APRIL L BOSLEY)	16-2405-0007	0.17
36B	BRAKE SHARRI L	16-2405-0003	0.17
36C	HORNE DEBORAH	16-2403-0292	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
49A	WOLFE MATTHEW JAY & MOLLIE H	16-2403-0336	0.68
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
55A	SINGLETON JODI PISEGNA & STEVEN RAY	16-2403-0014	0.16
ROAD	WILLIS STREET	N/A	N/A
55B	ISNER SHARON F & HERSHEL E	16-2403-0011	0.19
56	COAKLEY STEPHEN	16-2403-0010	0.19
57	BAILEY BETH ANN	16-2411-0029	0.95

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THRASHER

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PHONE 304-624-4108

DATE: JULY 27, 2026		FILE #: J OSBORN HSOP 16 211
OPERATOR'S WELL #: J OSBORN HSOP 16 211		DRAWING #: J OSBORN HSOP 16 211
API WELL #: 47 33 06084 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

08/28/2026