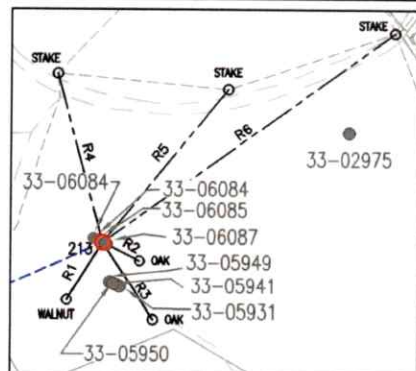


BHL is located on topo map 12,866 feet south of Latitude: 39°20'00"
SHL is located on topo map 9,164 feet south of Latitude: 39°17'30"REFERENCE DETAIL
SCALE 1" = 800'

LINE	BEARING	DISTANCE
R1	S 31°25'41" W	302.80'
R2	S 63°28'30" E	182.60'
R3	S 33°03'51" E	409.65'
R4	N 15°03'13" W	774.95'
R5	N 39°05'49" E	874.60'
R6	N 54°11'18" E	1584.05'

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'.

THRASHERTHE 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

AS-DRILLED PLAT

J OSBORN HSOP 16 213 PERMITTED		
SURFACE HOLE LOCATION (SHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346636.238	NORTHING: 279972.886	LAT-(N) 39.266445
EASTING: 567450.391	EASTING: 1765184.207	LONG-(W) 80.218117
LANDING POINT LOCATION (LPL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346636.106	NORTHING: 280048.410	LAT-(N) 39.266621
EASTING: 567420.475	EASTING: 1765174.355	LONG-(W) 80.223098
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4350126.958	NORTHING: 291519.669	LAT-(N) 39.298027
EASTING: 565757.502	EASTING: 1759819.758	LONG-(W) 80.237398

J OSBORN HSOP 16 213 AS-DRILLED		
SURFACE HOLE LOCATION (SHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346636.237	NORTHING: 279972.880	LAT-(N) 39.266445
EASTING: 567450.392	EASTING: 1765184.210	LONG-(W) 80.218117
LANDING POINT LOCATION (LPL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4346636.177	NORTHING: 280158.220	LAT-(N) 39.266921
EASTING: 566996.936	EASTING: 1763698.920	LONG-(W) 80.223368
BOTTOM HOLE LOCATION (BHL)		
UTM 17-NAD83 (M):	NAD83, WV NORTH (FT)	NAD83, GEOGRAPHIC
NORTHING: 4350105.177	NORTHING: 291446.650	LAT-(N) 39.297828
EASTING: 565785.835	EASTING: 1759911.540	LONG-(W) 80.237071

RECEIVED
Office of Oil and Gas

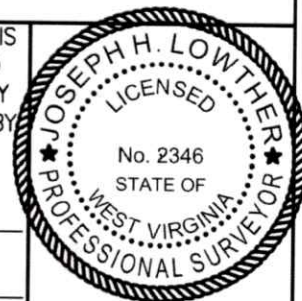
AUG 07 2026

WV Department of
Environmental ProtectionFILE #: J OSBORN HSOP 16 213
DRAWING #: J OSBORN HSOP 16 213
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: JULY 27, 2026

OPERATOR'S WELL #: J OSBORN HSOP 16 213

API WELL #: 47 033 06086
STATE COUNTY PERMITWell Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: SIMPSON CREEK

ELEVATION: 1163.90'±

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: 7360'± TWD / 19,805' TMD

WELL OPERATOR ARSENAL RESOURCES

DESIGNATED AGENT ERIC MORRIS

Address 6031 WALLACE ROAD EXTENSION, SUITE 200

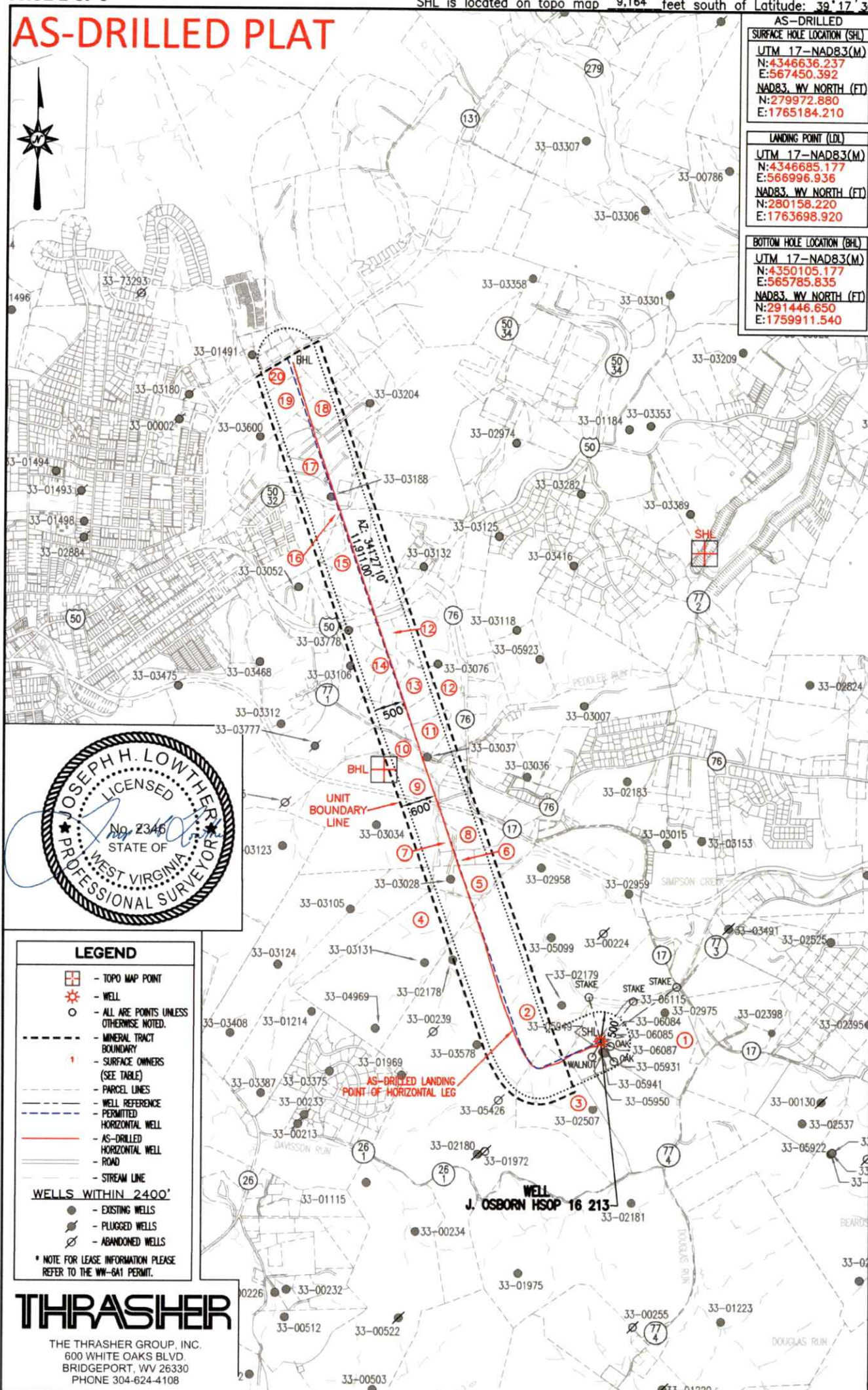
Address 633 WEST MAIN ST.

City WEXFORD State PA Zip Code 15090

City BRIDGEPORT State WV Zip Code 26330

08/28/2026

BHL is located on topo map 8.133 feet west of Longitude: 80° 12' 30"
SHL is located on topo map 2.842 feet west of Longitude: 80° 12' 30"



DATE:	JULY 27, 2026		
OPERATOR'S WELL #:	J OSBORN HSOP 16 213		
API WELL #:	47	033	06086
	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

08/28
FILE #: J OSBORN HSOP 16 213
DRAWING #: J OSBORN HSOP 16 213
SCALE: 1" = 2000'

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

J OSBORN HSOP 16 213 AS-DRILLED

AS-DRILLED PLAT

J OSBORN WELL 213 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
4	WHYTE KAREN SUE	15-0330-0001	75.43
5	BENZAKEIN MARY ANNE	15-0310-0062	8.54
6	NUTTER CHARLES SCOTT & LEIGH ANN	15-0310-0060	3.79
7	NUTTER CHARLES SCOTT & LEIGH ANN	15-0310-0042	3.11
8	BENZAKEIN MARY ANNE	15-0310-0043	11.25
RXR	CSX RAILROAD	N/A	N/A
9	KINGERY SARAH H	15-0310-0018	22.22
10	SNIDER DANNY M & ALESIA J	15-0310-0017	13.06
ROAD	LANGTOWN ROAD	N/A	N/A
11	G A L LAND COMPANY	15-0310-0003-0004	7.56
12	G A L LAND COMPANY	15-0310-0003	38.79
13	G A L LAND COMPANY	15-0310-0003-0006	7.77
12	G A L LAND COMPANY	15-0310-0003	38.79
14	G A L LAND COMPANY	15-0310-0003-0005	6.48
12	G A L LAND COMPANY	15-0310-0003	38.79
ROAD	US ROUTE 50	N/A	N/A
15	BENEDUM AIRPORT AUTHORITY	16-0310-0004	23.83
16	HARRISON COUNTY DEVELOPMENT AUTHORITY	15-0290-0044	1.68
ROAD	AIRPORT ROAD	N/A	N/A
17	BELASCO MOBILE HOME SALES	15-0290-0029	54.25
18	CITY OF BRIDGEPORT	16-0290-0029-0003	9.27
19	CITY OF BRIDGEPORT	16-0290-0028	15.03
20	BELASCO STEPHANIE ANN & JUSTIN DUANE MOLINA	15-0290-0029-0007	8.47

RECEIVED
Office of Oil and Gas
AUG 07 2026
WV Department of
Environmental Protection

THRASHER

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

DATE: JULY 27, 2026	 STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS	FILE #: J OSBORN HSOP 16 213
OPERATOR'S WELL #: J OSBORN HSOP 16 213		DRAWING #: J OSBORN HSOP 16 213
API WELL #: 47 033 06086		SCALE: N/A
STATE COUNTY PERMIT		
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