

BHL is located on topo map 4,353 feet south of Latitude: 39° 15' 00"

SHL is located on topo map 13,354 feet south of Latitude: 39° 17' 30"

# THRASHER

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

### NOTES ON SURVEY

- COORDINATES SYSTEM IS STATE PLANE, WEST VIRGINIA NORTH, NAD 83 DATUM, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	A & B MANAGEMENT, LLC	03-327-17	199.03
2	DARLENE MANCUSO ET AL	04-804-7	53.69
3	ANTHONY P. & ABIGAIL A. SPAMENI	04-804-6.2	21.00
4	DARLENE MANCUSO ET AL	01-327-27	72.573
5	JOSEPH SAMUEL MAZIE	01-327-28.4	5.30
6	CHARLES B. & LILLIE HALL	01-327-28.1	2.00
7	CHARLES B. & LILLIE HALL	01-327-28	1.27
8	AGUSTIN ASTACIO	01-327-28.3	4.00
9	NIDDLE VIGLIANCO ROMANO & ROBERT M. VIGLIANCO	04-347-17.2	3.40
10	DALE BROWN	04-347-17.3	0.57
11	ROBERT VIGLIANCO	04-347-17	73.72
12	ROBERT N. PHILLIPS II	01-347-18	2.97
13	WV DIVISION OF NATURAL RESOURCES (WILDLIFE RESOURCES)	01-347-35	378.32
14	WV DIVISION OF NATURAL RESOURCES (WILDLIFE RESOURCES)	01-347-99	7.71
15	JOHN F. & TERRI LYNN CROSS	01-347-95.3	12.12
16	JOHN CROSS	01-347-95.1	24.96
17	ANGEL DAWN OTTOLE & BRUCE DOUGLAS DAVIS	01-327-26.2	0.69
18	ROGER A. & SUSAN L. HOUSE	01-347-55	4.97

TRACT	ADJOINER	TAX PARCEL
A	JONATHAN BROWN	04-802-170
B	EDWARD L. & CONNIE S. COX	04-802-172
C	VELMA E. HERES	04-802-173
D	PUMP RENTALS LLC	04-802-174
E	BANK OF AMERICA	04-802-175
F	ERIC D. MACLAIN	04-802-176
G	LOPEZ ERIC TYLER & MARK ERIC & SHANNON	04-802-177
H	GERTRUDE HANHIGAN	04-802-178
I	GERTRUDE HANHIGAN	04-802-179
J	JEFFREY S. BASS	04-802-180
K	ROBERT W. SMALL	04-802-181
L	MARK E. LOPEZ	04-802-182
M	BRYAN SQUIRES	04-802-183
N	LOUIS M. & KIMBERLY A. LOPEZ	04-802-184
O	JOSEPH LOUIS MICHAEL & BROOKE LYNN LOPEZ	04-802-185
P	BENJAMIN K. & APRIL D. GRIFFITH	04-802-186
Q	DAVID A. LEROY	04-802-188
R	TRACEY RAY McCAULEY	04-802-189
S	MARILYN SPATAFORE ET VIR & VIRGINIA CHRISTAFORE	04-802-52
T	MARILYN SPATAFORE ET VIR & VIRGINIA CHRISTAFORE	04-802-51
U	LAUREN E. BENEDUM & CARL A. SIERS	04-327-53
V	PRIME SPACE LLC	04-327-52
W	SANDRA K. & RODERICK N. SUTTON	04-327-55
X	NEW LIFE CHRISTIAN CENTER	04-327-50
Y	NEW LIFE CHRISTIAN CENTER	04-327-51
Z	D. ALAN SHIREVES	01-347-21
AA	COCA-COLA BOTTLING COMPANY OF WEST VIRGINIA	01-347-26
BB	SEARFASS HIBBS MICHELLE R. & RANDY A. HIBBS	01-347-25.1
CC	ROBERT N. PHILLIPS II	01-347-18.1
DD	JOYCE L. & ALLEN K. MAH	01-347-15
EE	ELIZABETH ANH SEDOUC & J. ASON JOSEPH BANISH	01-347-17.4
GG	CHARLES B. & LILLIE HALL	01-327-28.5
HH	H MARGUERITE WESTFALL	01-347-13
II	SHAWN R. TRADER ET AL	04-327-20
JJ	JOHN CARTER	04-802-164
KK	MARK E. & SHANNON LOPEZ	04-802-185.1
LL	HARRY WILLIAMS	04-802-166
MM	CAMERON D. GOLDEN	04-802-167
NN	BRUNO G. MARTINEZ	04-802-168
OO	JOHN D. & DOROTHY G. CARPENTER	04-802-169
PP	ANGEL DAWN OTTOLE & BRUCE DOUGLAS DAVIS	04-327-28.6

AS DRILLED LANDING POINT LOCATION (LPL)  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,345,595.94  
EASTING: 557,926.73

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 2000

*George D. Six*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

D'ANNUNZIO HCCP-7  
OPERATOR'S WELL #: 207

API WELL #: 47 STATE 33 COUNTY 05918 PERMIT HMA

WELL TYPE: OIL  WASTE DISPOSAL  PRODUCTION  DEEP  GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: WEST FORK ELEVATION: 1117.8' (DESIGN)

DISTRICT: CLARK-CLARKSBURG CORP COUNTY: HARRISON QUADRANGLE: CLARKSBURG/MOUNT CLARE

SURFACE OWNER: A. & B. MANAGEMENT, LLC. ACREAGE: 199.03

OIL & GAS ROYALTY OWNER: A. & B. MANAGEMENT, LLC. ACREAGE: 199.03

DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION

CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) AS-DRILLED PLAT

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,249 TVD 15,900 TMD

WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: WILLIAM VEIGEL

ADDRESS: 6031 WALLACE ROAD EXTENSION #300 ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200

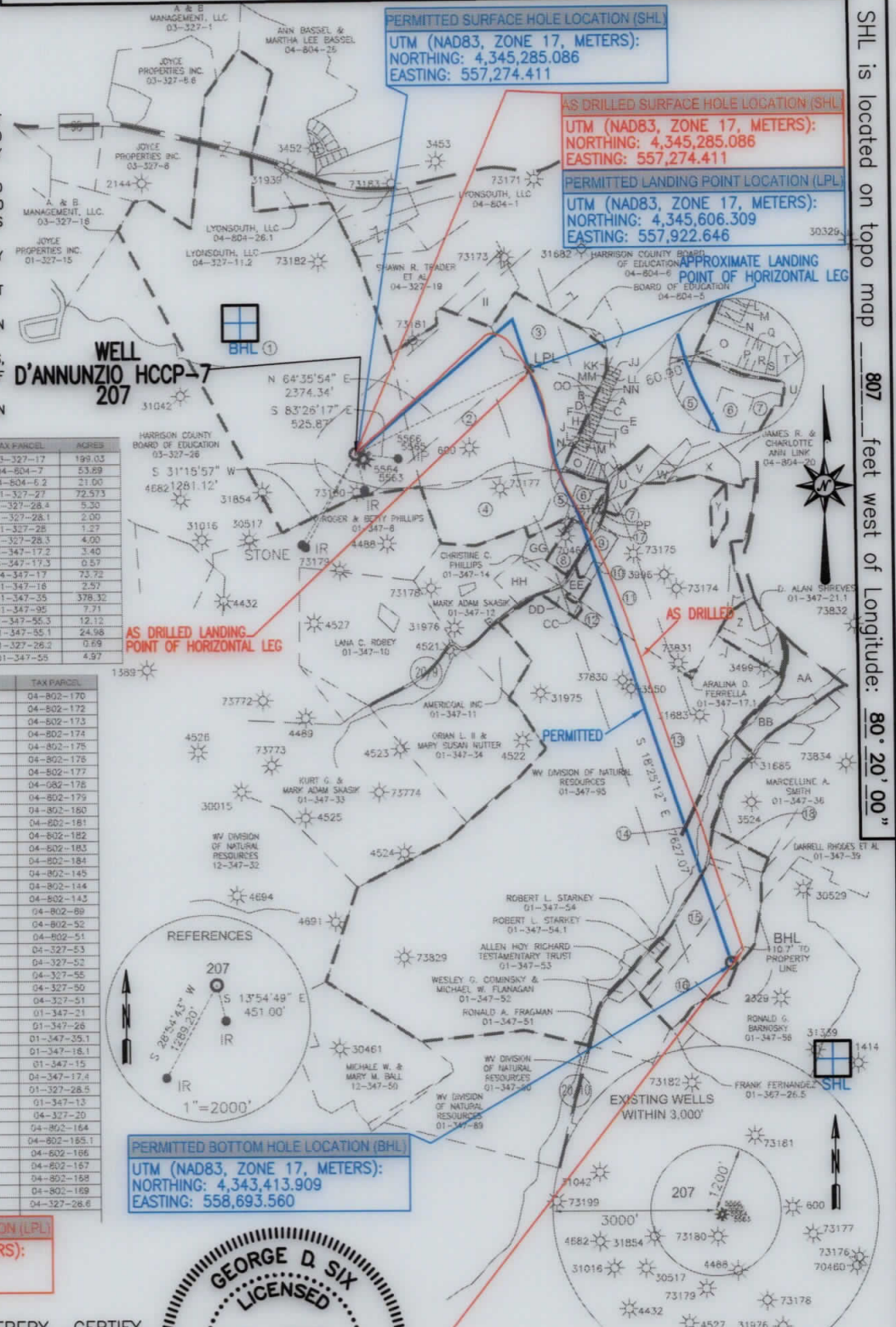
CITY: WEXFORD STATE: PA ZIP CODE: 15090 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☼ EXISTING / PRODUCING WELLHEAD
- LPL\* LANDING POINT LOCATION
- ⊙ EXISTING WATER WELL
- ⊙ EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- - - LEASE BOUNDARY
- PROPOSED PATH
- AS DRILLED
- 500' BUFFER

REVISIONS:  
△ REVISED XXX MM-DD-YYYY

DATE: 05-03-2019  
FILE NO: XXXXX  
DRAWN BY: JAM  
SCALE: 1" = 2000'  
DRAWING NO: 030-3250  
WELL LOCATION PLAT 3



PERMITTED BOTTOM HOLE LOCATION (BHL)  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,343,413.909  
EASTING: 558,693.560



AS DRILLED BOTTOM HOLE LOCATION (BHL)  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,343,461.00  
EASTING: 558,737.68

## AS DRILLED PLAT

BHL is located on topo map 7,997 feet west of Longitude: 80° 17' 30"

SHL is located on topo map 807 feet west of Longitude: 80° 20' 00"