

BHL is located on topo map 10,212 feet south of Latitude: 39° 12' 30"
 SHL is located on topo map 6,836 feet south of Latitude: 39° 10' 00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
N:4333336.64
E:548091.79
 UTM 17-NAD83(FT)
 N:14216955.30
 E:1798197.80
 LAT/LON DATUM-NAD83
 LAT:39.147898
 LON:-80.443456

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83
N:4336917.79
E:546215.45
 UTM 17-NAD83(FT)
 N:14228704.46
 E:1792041.86
 LAT/LON DATUM-NAD83
 LAT:39.180268
 LON:-80.464925

APPROX. LANDING POINT
UTM 17-NAD83
N:4333281.07
E:547500.53
 UTM 17-NAD83(FT)
 N:14216772.98
 E:1796258.00
 LAT/LON DATUM-NAD83
 LAT:39.147430
 LON:-80.450302

	LESSOR	DIST-TM/PAR
A	J. B. GUSMAN ET AL	20-444/11.2
B	J. A. HARDWAY ET AL	12-444/26 20-444/5
C	A. W. & MARY RHODES	20-444/19.3 20-444/19.12
D	W. J. LAW ET UX	20-444/3 20-424/47
E	M. G. LAW & ET AL	20-424/47 20-424/15
F	W. T. LAW ET UX	20-424/14 20-424/1
G	GEORGE WASHBURN ET AL	20-404/30.1 20-404/40.3
H	W. W. BRANNON ET UX	12-444/26



	SURFACE OWNER	DIST-TM/PAR
1	DANNY LEE & ALICIA STICKEL	P/O 20-444/11.2
1A	HG ENERGY II APPALACHIA, LLC	P/O 20-444/11.2
2	HG ENERGY II APPALACHIA, LLC	20-444/11.3
3	AARON C. & CHRISTINA P. MEDINA	20-444/11
4	HG ENERGY II APPALACHIA, LLC	20-444/11.1
5	ROCK GARTON	12-444/26
6	DANNY LEE STICKEL	20-444/19.3
7	DANNY LEE STICKEL	20-444/19.12
8	DANNY LEE & ALICIA A. STICKEL	20-444/5
9	BRADLEY S. & TERRI L. STUTLER	20-444/3
10	SHARON S. MCDONALD	20-424/47
11	BRENDA L. & MICHAEL TUCKWILLER	20-424/15
12	JAMES IVAN MCDONALD	20-424/14
13	JAMES IVAN MCDONALD	20-424/1
14	AL-N-EL FARMS LLC	20-404/30.1
15	VERONICA M. & JESSE RAY CUNNINGHAM, JR.	20-404/40.3
16	GARTON ROCK	12-444/26



THRASHER

CIVIL ENVIRONMENTAL CONSULTING FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 FAX (304) 624-7831

FILE #: 1209 N-1H
 DRAWING #: 1209 N-1H
 SCALE: 1" = 2000'
 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: *George D. Six*
 R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: SEPTEMBER 19, 2019
 OPERATOR'S WELL #: 1209 N-1H
 API WELL #: 47 33 05930
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: MIDDLE WEST FORK CREEK ELEVATION: 1,007'±

COUNTY/DISTRICT: HARRISON / UNION QUADRANGLE: WEST MILFORD, WV 7.5'

SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 95.06±

OIL & GAS ROYALTY OWNER: ANN COVINGTON, ET AL ACREAGE: 1032.04±

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: TVD: 6,900'± TMD: 20,380'±

WELL OPERATOR HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT DIANE C. WHITE
 Address 5260 DUPONT ROAD Address 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

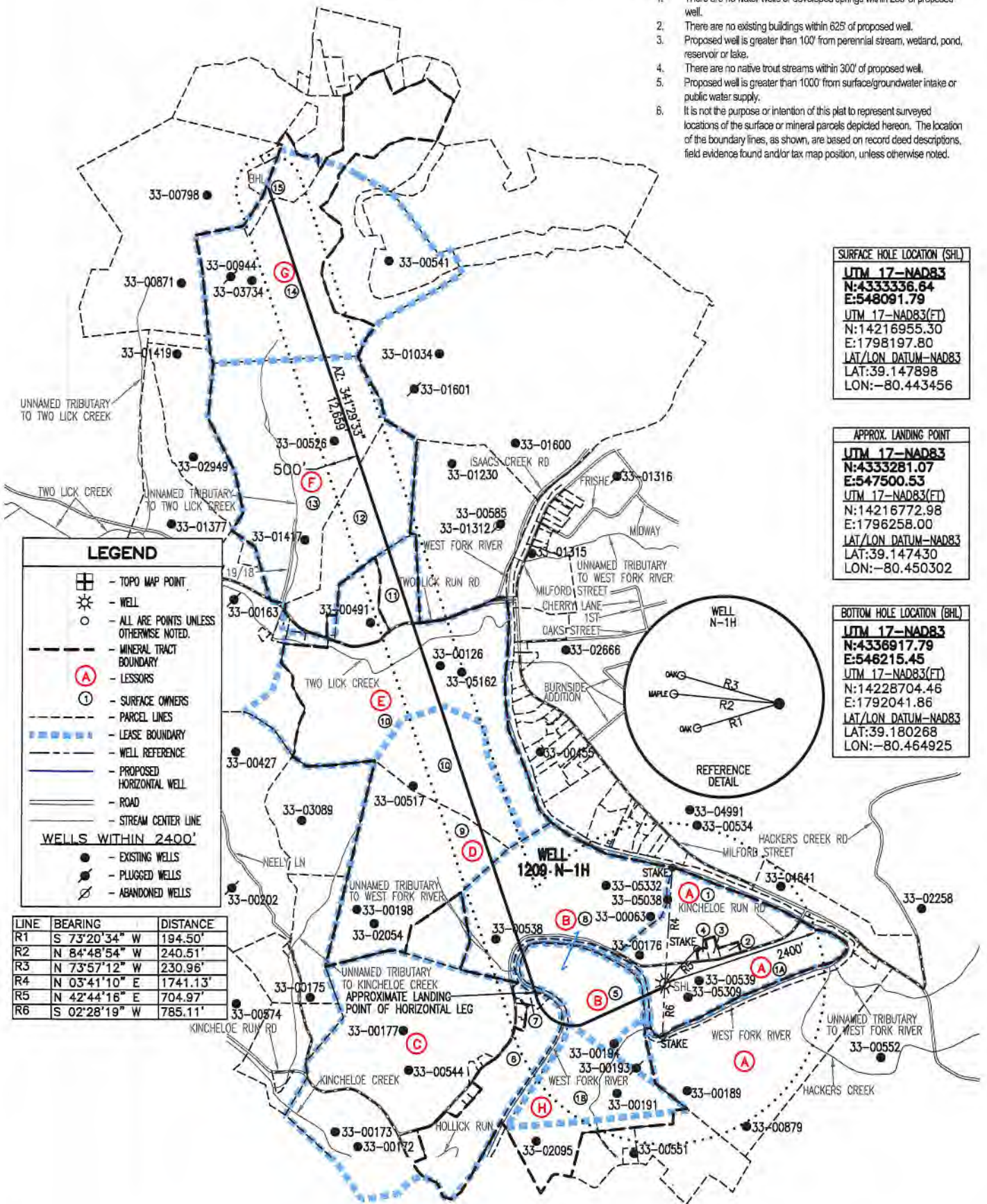
BHL is located on topo map 1,871 feet west of Longitude: 80° 27' 30"
 SHL is located on topo map 7,598 feet west of Longitude: 80° 25' 00"

1209 N-1H

PAGE 2 OF 2

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. 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.



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LEGEND

- ⊕ - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- - - MINERAL TRACT BOUNDARY
- (A) - LESSORS
- (1) - SURFACE OWNERS
- - - PARCEL LINES
- - - LEASE BOUNDARY
- - - WELL REFERENCE
- - - PROPOSED HORIZONTAL WELL
- - - ROAD
- - - STREAM CENTER LINE

WELLS WITHIN 2400'

- - EXISTING WELLS
- ⊙ - PLUGGED WELLS
- ⊘ - ABANDONED WELLS

LINE	BEARING	DISTANCE
R1	S 73°20'34" W	194.50'
R2	N 84°48'54" W	240.51'
R3	N 73°57'12" W	230.96'
R4	N 03°41'10" E	1741.13'
R5	N 42°44'16" E	704.97'
R6	S 02°28'19" W	785.11'

API WELL #: 47 33 05930
 STATE COUNTY PERMIT

SEPTEMBER 19, 2019

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George D. Six