

BHL is located on topo map 7,676 feet south of Latitude: 39° 12' 30"
 SHL is located on topo map 6,806 feet south of Latitude: 39° 10' 00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR SURFACE OWNERS

**AS DRILLED
PLAT**

	LESSOR	DIST-TM/PAR
A	J. B. GUSMAN ET AL	20-444/11.2
B	J. A. HARDWAY ET AL	20-444/5
C	EDMOND SOUTHERN ET UX	12-424/51.4 12-424/51.2 12-424/50.4 12-424/50.1 12-424/50 12-424/49.1 12-424/49.3 12-424/48.3 12-424/48 12-424/49 12-424/48.4 12-424/48.1 12-424/36.1 12-424/39.1 12-424/39 12-424/59
E	G. W. RIFFER	12-424/38 12-424/38.1 12-424/38.3 12-424/17.3 12-424/17.1 12-424/17 12-424A/20 12-424A/19
F	GEO. W. WASHBURN ET AL	12-424/16
G	WILLIAM AND RUHAMA BURNSIDE	20-424/2 20-404/58
H	GEORGE WASHBURN ET AL	20-404/41 20-404/40 20-424/40.1 20-404/30.1
J	JACOB MCCONKEY	20-404/30 20-404/30.1 20-404/40.2 20-404/29.4 20-404/29



BHL is located on topo map 1,163 feet west of Longitude: 80° 27' 30"
 SHL is located on topo map 7,599 feet west of Longitude: 80° 25' 00"

**AS DRILLED
SURFACE HOLE LOCATION (SHL)**
 UTM 17-NAD83(M)
 N:4333345.756
 E:548091.298
 UTM 17-NAD83(FT)
 N:14216985.20
 E:1798196.20
 LAT/LON DATUM-NAD83
 LAT:39.147980
 LON:-80.443461

**AS DRILLED
APPROX. LANDING POINT**
 UTM 17-NAD83(M)
 N:4333320.863
 E:547964.501
 UTM 17-NAD83(FT)
 N:14216903.53
 E:1797780.20
 LAT/LON DATUM-NAD83
 LAT:39.147763
 LON:-80.444930

**AS DRILLED
BOTTOM HOLE LOCATION (BHL)**
 UTM 17-NAD83(M)
 N:4337694.77
 E:546425.80
 UTM 17-NAD83(FT)
 N:14231253.59
 E:1792731.98
 LAT/LON DATUM-NAD83
 LAT:39.187258
 LON:-80.462436

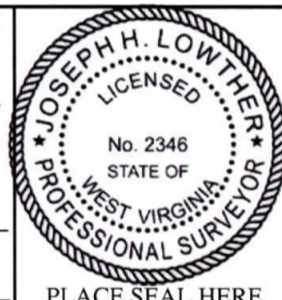
THRASHER

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

DRAWING #: 1209 N-3H
 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: [Signature]
 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: MAY 20, 2020
 OPERATOR'S WELL #: 1209 N-3H
 API WELL #: 47 33 05936
 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: 990.242±

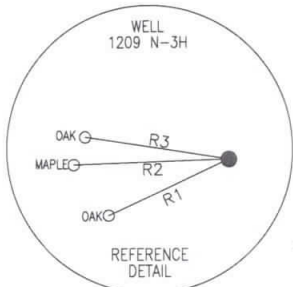
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,782'± TMD: 22,046'±

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

1209 N-3H

PAGE 2 OF 3



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.

**AS DRILLED
PLAT**

LINE	BEARING	DISTANCE
R1	S 65°10'35" W	204.09'
R2	S 88°01'54" W	238.56'
R3	N 81°16'14" W	223.44'
R4	N 03°47'15" E	1711.33'
R5	N 44°30'26" E	684.06'
R6	S 02°18'12" W	814.97'

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E:546425.80

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UNNAMED TRIBUTARY TO TWO LICK CREEK

TWO LICK CREEK

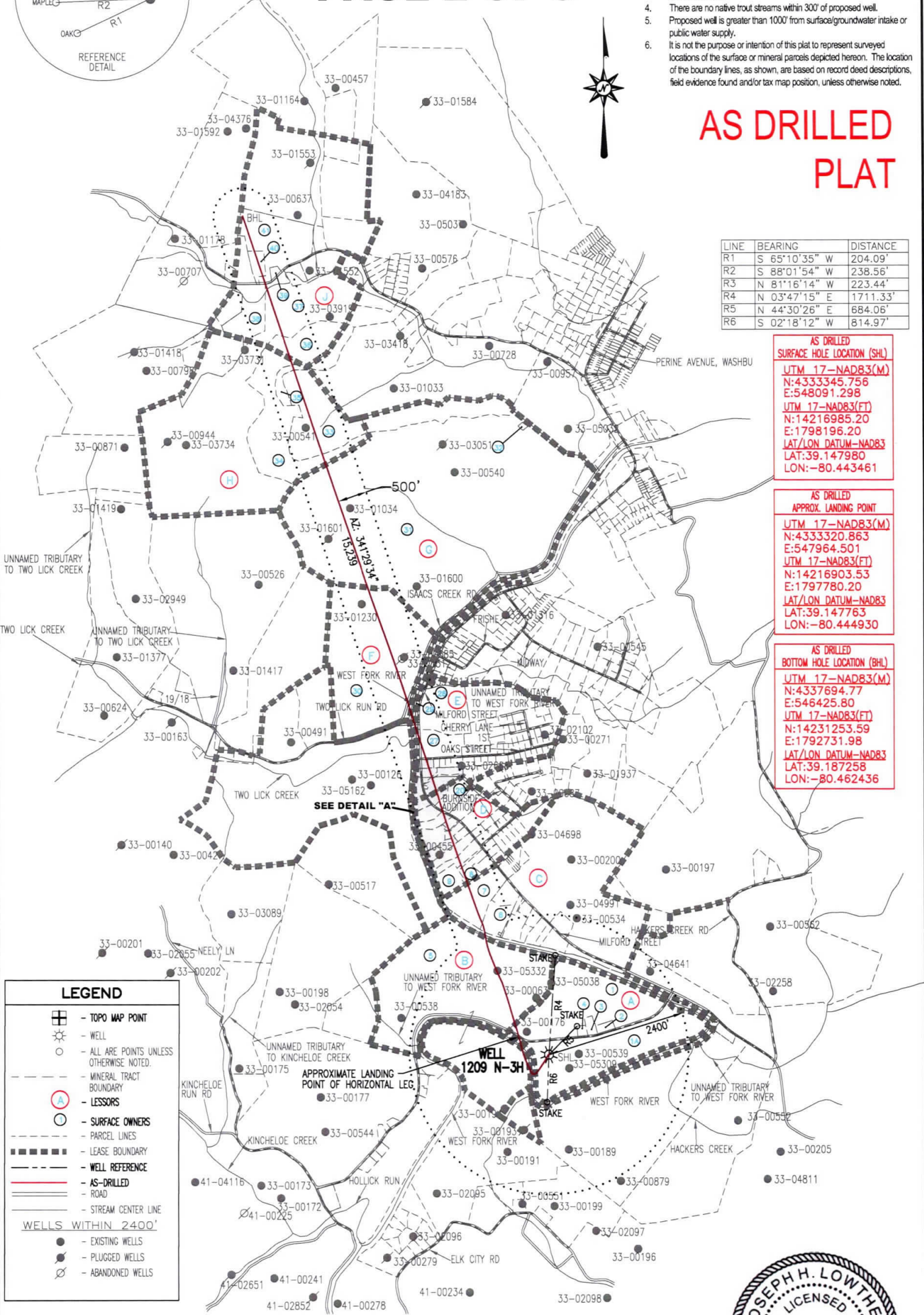
UNNAMED TRIBUTARY TO TWO LICK CREEK

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- LESSORS
- SURFACE OWNERS
- PARCEL LINES
- LEASE BOUNDARY
- WELL REFERENCE
- AS-DRILLED
- ROAD
- STREAM CENTER LINE

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS



1209 N-3H

PAGE 3 OF 3

**AS DRILLED
PLAT**

	SURFACE OWNER	DIST-TM/PAR
1	DANNY LEE & ALICIA A. 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	DANNY LEE & ALICIA A. STICKEL	20-444/5
6	JAMES M. GARRETT	12-424/51.4
7	KENNETH JAMES TAYLOR	12-424/51.2
8	ROBERT L. & DEBRA K. CARDER	12-424/50.4
9	JUDITH A. CASEY	12-424/50.1
10	JOHN R. & CATHERINE D. WEBER	12-424/50
11	EDWARD D. & CONNIE J. ADAMS	12-424/49.1
12	SHARON K. HULL	12-424/49.3
13	JON C. & CHARLENE L. WOOD	12-424/48.3
14	JON C. & CHARLENE L. WOOD	12-424/48
15	JON C. & CHARLENE L. WOOD	12-424/49
16	ROBERT R. PITZER	12-424/48.4
17	JAMES L., JR. & CARLA K. HIGGINBOTHAM	12-424/48.1
18	DIANNA R. HINKLE	12-424/36.1
19	MICHAEL L. & SHARON L. POVROZNIK	12-424/39.1
20	DAVID H. & CHERYL A. NICHOLSON	12-424/39
21	MICHAEL L. & SHARON L. POVROZNIK	12-424/59
22	MICHAEL L. & SHARON L. POVROZNIK	12-424/38
23	LESLIE CHARLES & BEVERLY DIANNE FLESHER	12-424/38.1
24	LESLIE CHARLES & BEVERLY DIANNE FLESHER	12-424/38.3
25	WILLIAM MICHAEL MCDONALD	12-424A/20
26	WILLIAM MICHAEL MCDONALD	12-424A/19
27	DAVID E. & DEBRA S. SHRIEVES	12-424/17.3
28	G A L LAND COMPANY	12-424/17.1
29	DAVID E. & DEBRA S. SHRIEVES	12-424/17
30	BRENDA L. & MICHAEL TUCKWILLER	12-424/16
31	WILLIAM MICHAEL MCDONALD	20-424/2
32	GREATER HARRISON COUNTY PUBLIC SERVICE DISTRICT	20-424/58
33	PERRY LEE & DEBORAH JEAN POST	20-404/41
34	PERRY LEE & DEBORAH JEAN POST	20-404/40
35	PERRY LEE & DEBORAH JEAN POST	20-404/40.1
36	PERRY LEE & DEBORAH JEAN POST	20-404/30
37	AL-N-EL FARMS LLC	20-404/30.1
38	JOHN H. & PAULA J. ZIRKLE	20-404/40.2
39	HAZEL LORRAINE METHENY, JUDITH K. & DONNIE W. METHENY	20-404-29.3
40	PEGGY HART	20-404-29.4
41	HAZEL LORRAINE METHENY	20-404/29

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MAY 20, 2020