

BHL is located on topo map 6,262 feet south of Latitude: 39° 12' 30"
 SHL is located on topo map 6,821 feet south of Latitude: 39° 10' 00"

SEE PAGE 3 FOR SURFACE OWNERS

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

| | LESSOR | DIST-TM/PAR |
|---|----------------------------|---|
| A | J. B. GUSMAN ET AL | 20-444/11.2 20-444/11.3 20-444/11 |
| B | EDMOND SOUTHERN ET UX | 20-444/10 12-444/56 12-444/51 |
| C | MARY S. DEISON ET AL | 12-424/44 |
| D | PAUL S. HORNOR ET AL | 12-2002/29 12-424/43 12-424/43.1 12-424/43.4 |
| E | G.W. RIFFER ET AL | 12-424A/9 12-424A/8 12-424A/29 12-424A/30 12-424A/63 12-424A/46 12-424A/65 12-424A/47 12-424A/62 12-424/17.2 |
| F | WM BURNSIDE ET AL | 12-424/18.4 12-424/18 12-2001/47 12-2001/40 12-2001/41 12-2001/24.1 12-2001/25 12-2001/24 12-2001/3 |
| G | WILLIAM AND RUHAMA BURSIDE | 20-424/2 20-404/57 |
| H | J P POST ET AL | 20-404/43 20-404/43.5 20-404/43.6 20-404/31 |
| J | JACOB MCCONKEY | 20-404/30.1 20-404/6 20-404/6.1 20-404/5 |

**AS DRILLED
PLAT**

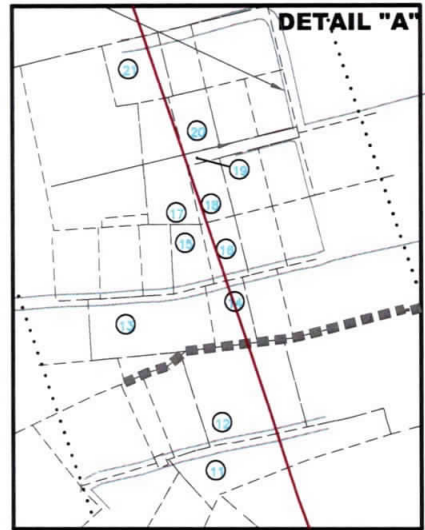
AS DRILLED
SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4333341.21
E:548091.57
UTM 17-NAD83(FT)
N:14216970.30
E:1798197.10
LAT/LON DATUM-NAD83
LAT:39.147939
LON:-80.443458

AS DRILLED
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4338126.279
E:546755.823
UTM 17-NAD83(FT)
N:14232669.30
E:1793814.73
LAT/LON DATUM-NAD83
LAT:39.191129
LON:-80.458585

AS DRILLED
APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4333495.971
E:548388.119
UTM 17-NAD83(FT)
N:14217478.03
E:1799170.02
LAT/LON DATUM-NAD83
LAT:39.149317
LON:-80.440015



BHL is located on topo map 65 feet west of Longitude: 80° 27' 30"
 SHL is located on topo map 7,598 feet west of Longitude: 80° 25' 00"



THRASHER

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

FILE #: 1209 N-2H
 DRAWING #: 1209 N-2H
 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-2H
 API WELL #: 47 33 05935
 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: 887.72±

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

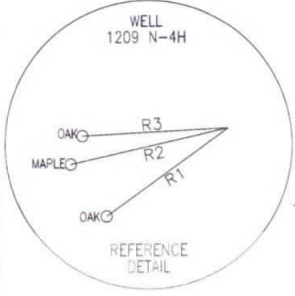
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,765'± TMD: 23,170'±

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-2H

PAGE 2 OF 3

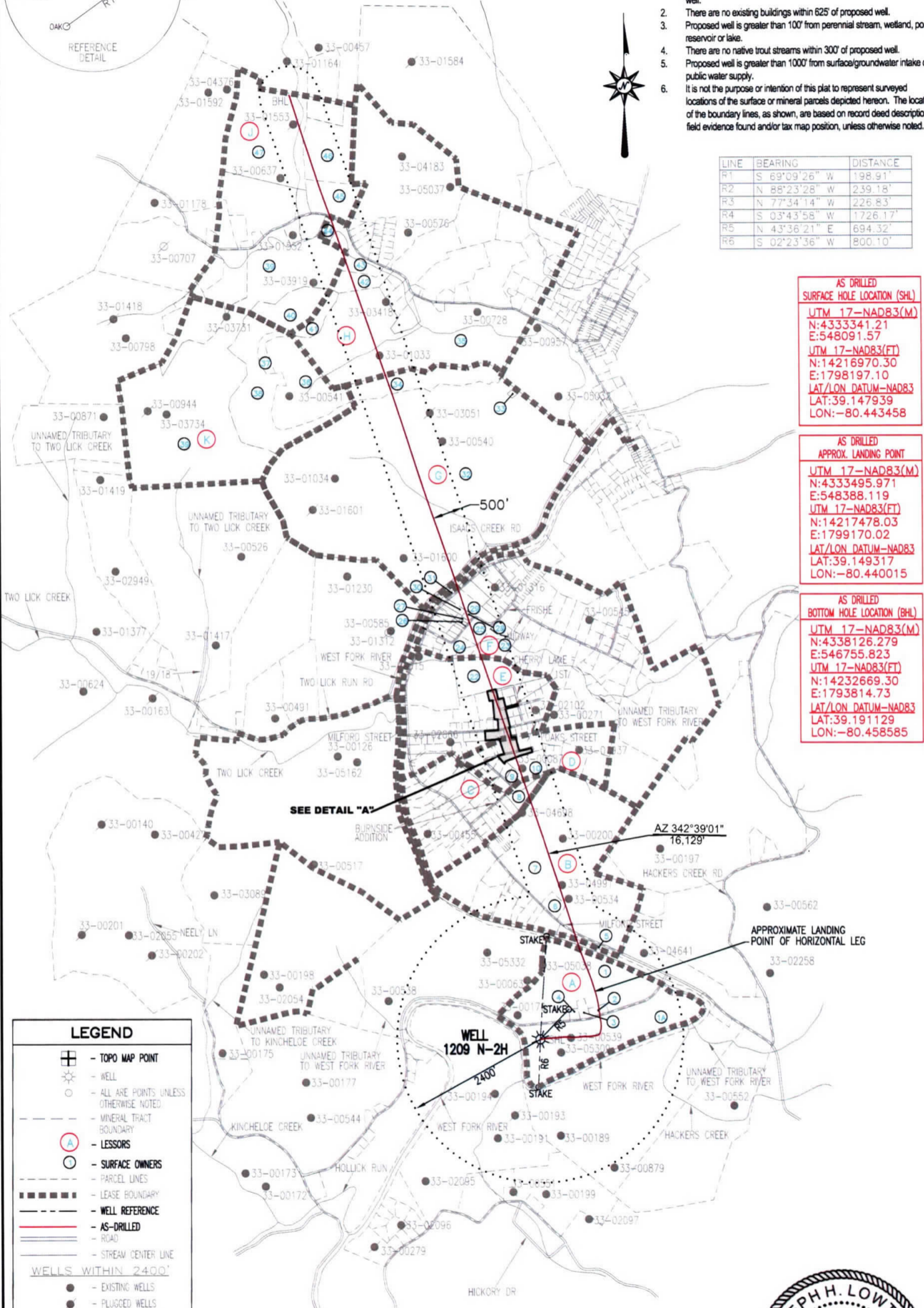
AS DRILLED PLAT



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 herein. 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.

| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| R1 | S 69°09'26" W | 198.91' |
| R2 | N 88°23'28" W | 239.18' |
| R3 | N 77°34'14" W | 226.83' |
| R4 | S 03°43'58" W | 1726.17' |
| R5 | N 43°36'21" E | 694.32' |
| R6 | S 02°23'36" W | 800.10' |



AS DRILLED SURFACE HOLE LOCATION (SHL)
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 UTM 17-NAD83(FT)
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 LAT/LON DATUM-NAD83
 LAT:39.147939
 LON:-80.443458

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 UTM 17-NAD83(M)
 N:4333495.971
 E:548388.119
 UTM 17-NAD83(FT)
 N:14217478.03
 E:1799170.02
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 LAT:39.149317
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AS DRILLED BOTTOM HOLE LOCATION (BHL)
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 N:4338126.279
 E:546755.823
 UTM 17-NAD83(FT)
 N:14232669.30
 E:1793814.73
 LAT/LON DATUM-NAD83
 LAT:39.191129
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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

API WELL #: 47 33 05935
 STATE COUNTY PERMIT



1209 N-2H

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 | CHRISTOPHER WAYNE TITUS | 20-444/10 |
| 6 | SHARON WELCH | 12-444/56 |
| 7 | WAYNE A. RITTER & JESSICA WRAY | 12-444/51 |
| 8 | JEFFREY R. BENNETT | 12-424/44 |
| 9 | RICHARD HARNER & PATRICIA LYNN LOWTHER | 12-2002/29 |
| 10 | RICHARD HARNER & PATRICIA LYNN LOWTHER | 12-424/43 |
| 11 | RICHARD HARNER & PATRICIA LYNN LOWTHER | 12-424/43.1 |
| 12 | JEREMIAH G. & JACLYN E. SEARS | 12-424/43.4 |
| 13 | *RALPH ELDON & CATHY F. FREEMAN | 12-424A/9 |
| 14 | JOHN D. RENZELLI & SHELBY L. GARRETT | 12-424A/8 |
| 15 | BRYAN K. BYRD | 12-424A/29 |
| 16 | BRYAN K. & CRYSTAL L. BYRD | 12-424A/30 |
| 17 | DANNY W. & SUSAN JAMES | 12-424A/63 |
| 18 | DANNY W. & SUSAN JAMES | 12-424A/46 |
| 19 | *DANNY W. & SUSAN JAMES & RAY W. & AULDA JAMES | 12-424A/65 |
| 20 | *MARK D. REASER & M. E. JARRETT-REASER | 12-424A/47 |
| 21 | DEBORAH R. JENKINS | 12-424A/62 |
| 22 | DARREN L. & ANGELA C. BENNETT | 12-424/17.2 |
| 23 | H. EUGENE CURREY | 12-424/18.4 |
| 24 | VICKIE OFFIELD | 12-424/18 |
| 25 | ELLA L. & GARY J. SOUTHERN | 12-2001/47 |
| 26 | BENJAMIN E. & LADONNA M. HECKERT | 12-2001/40 |
| 27 | BENJAMIN E. & LADONNA M. HECKERT | 12-2001/41 |
| 28 | KENNETH C. & MARY ANN GODBEY | 12-2001/24.1 |
| 29 | APRIL R. MITCHELL | 12-2001/25 |
| 30 | LAKEVIEW LOAN SERVICE LLC C/O ZACHARY A CAMPBELL ETAL*20 | 12-2001/24 |
| 31 | APRIL R. MITCHELL | 12-2001/3 |
| 32 | WILLIAM MICHAEL MCDONALD | 20-424/2 |
| 33 | GREATER HARRISON COUNTY PUBLIC SERVICE DISTRICT | 20-404/58 |
| 34 | PERRY LEE & DEBORAH JEAN POST | 20-404/57 |
| 35 | PERRY LEE & DEBORAH JEAN POST | 20-404/43 |
| 36 | PERRY LEE & DEBORAH JEAN POST | 20-404/41 |
| 37 | PERRY LEE & DEBORAH JEAN POST | 20-404/40.1 |
| 38 | PERRY LEE & DEBORAH JEAN POST | 20-404/40 |
| 39 | AL-N-EL FARMS LLC | 20-404/30.1 |
| 40 | PERRY LEE & DEBORAH JEAN POST | 20-404/30 |
| 41 | PERRY LEE & DEBORAH JEAN POST | 20-404/42 |
| 42 | RICHARD E. & MICHELLE M. CASTO | 20-404/43.5 |
| 43 | ROGER L. & MELISSA ANN COFFINDAFFER | 20-404/43.6 |
| 44 | HOMAS N. & PLEASIE M. TURNER T | 20-404/31 |
| 45 | ROBERT N. & REGINA C. HARDMAN | 20-404/6 |
| 46 | MARGARET J. JENKINS | 20-404/6.1 |
| 47 | CONSOLIDATION COAL COMPANY | 20-404/5 |

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 LAT/LON DATUM-NAD83
 LAT:39.191129
 LON:-80.458585

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

API WELL #: 47 33 05935
 STATE COUNTY PERMIT

THRASHER

MAY 20, 2020

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