

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

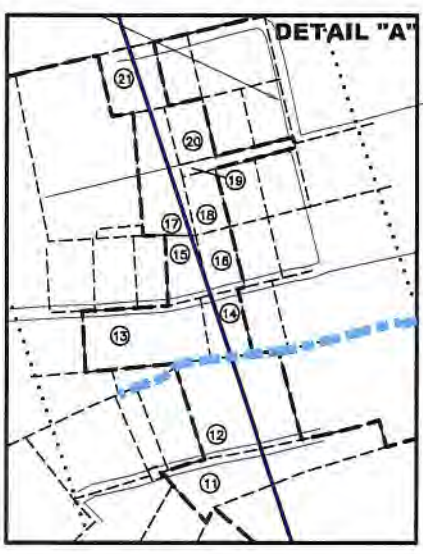
LESSOR	DIST-TM/PAR
A J. B. GUSMAN ET AL	20-444/11.2
	20-444/11.3
	20-444/11
B EDMOND SOUTHERN ET UX	20-444/10
	12-444/56
	12-444/51
C MARY S. DEISON ET AL	12-424/44
	12-2002/29
D PAUL S. HORNOR ET AL	12-424/43
	12-424/43.1
	12-424/43.4
	12-424A/9
	12-424A/8
E G.W. RIFFER ET AL	12-424A/29
	12-424A/30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



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

APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4333588.23
E:548361.81
 UTM 17-NAD83(FT)
 N:14217780.70
 E:1799083.70
 LAT/LON DATUM-NAD83
 LAT:39.150150
 LON:-80.440313

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4338127.49
E:546757.80
 UTM 17-NAD83(FT)
 N:14232673.28
 E:1793821.21
 LAT/LON DATUM-NAD83
 LAT:39.191139
 LON:-80.458562



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) 624-7931

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: *George D. Six*
 R.P.E.: _____ L.L.S.: P.S. No. 2000



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



DATE: SEPTEMBER 19, 2019
 OPERATOR'S WELL #: 1209 N-2H
 API WELL #: 47 33 05935 MOD
 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±

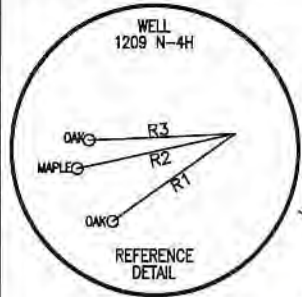
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,900'± TMD: 23,268'±

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



NOTES:

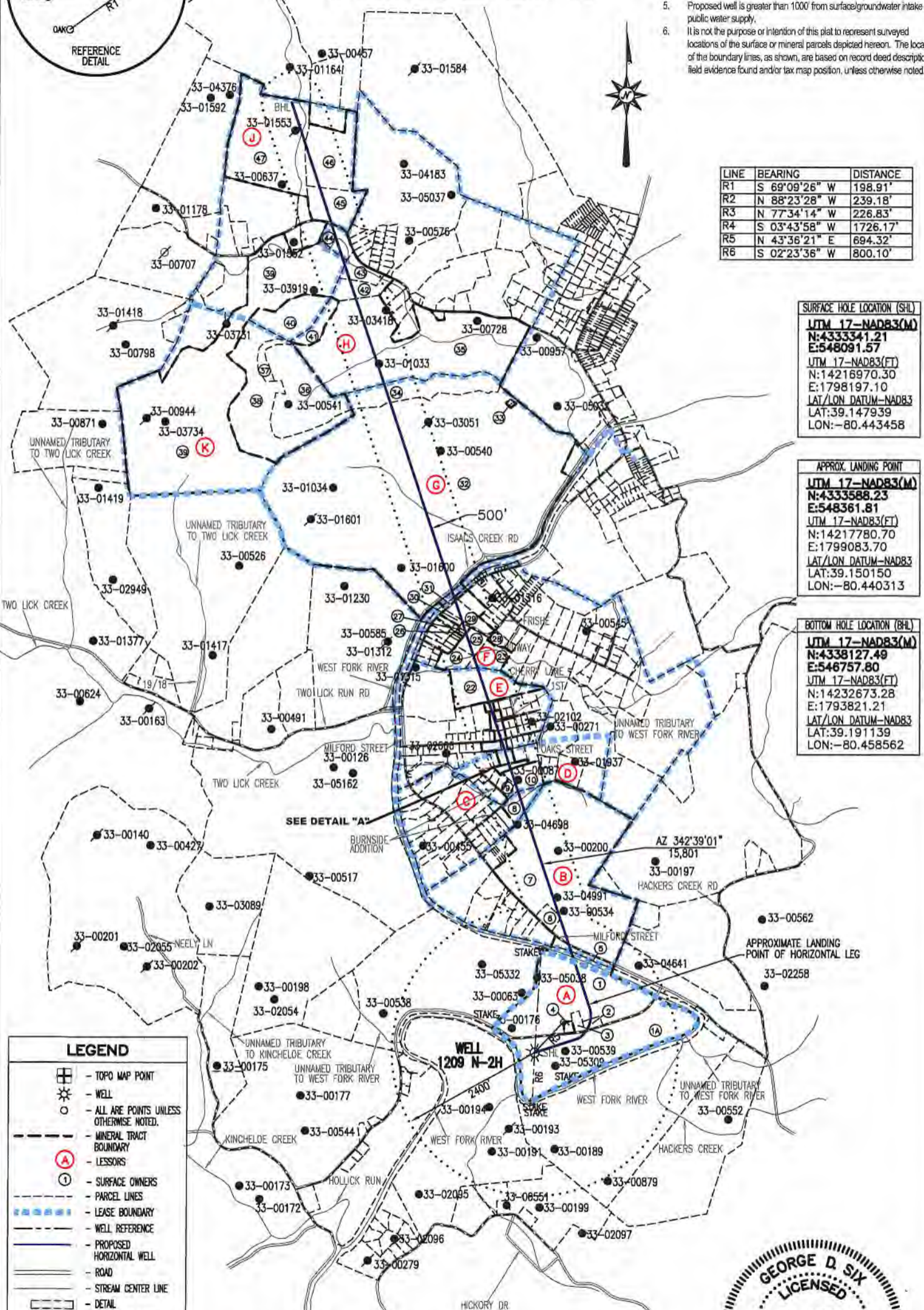
1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.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

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'

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	LAT:39.147939
	LO N:-80.443458

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	E:1793821.21
LAT/LON DATUM-NAD83	
	LAT:39.191139
	LO N:-80.458562



LEGEND

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

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS



George D. Six

1209 N-2H

PAGE 3 OF 3

	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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 LON:-80.458562

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API WELL #: 47 33 05935 MOD
 STATE COUNTY PERMIT

THRASHER

SEPTEMBER 19, 2019

CIVIL ENVIRONMENTAL • CONSULTING FIELD SERVICES
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 PHONE (304) 624-4108 FAX (304) 624-7831