

BHL is located on topo map 7,264 feet south of Latitude: 39°07'30"
 SHL is located on topo map 4,785 feet south of Latitude: 39°05'00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

	SURFACE OWNER	DIST-TM/PAR
1	KENNETH PAUL GOODNIGHT	07-26/55
2	AYERS CEMETERY	07-26/55.1
3	HAMMETT LAND & MINERALS LLC	07-26/5.2
4	JENNINGS DARWIN CUNNINGHAM II	07-26/11
5	HAMMETT LAND & MINERALS LLC	07-26/4
6	ALFAB INCORPORATED	07-26/6
7	C. M. ELLIOTT HRS (CHAS. M.) C/O MARY CARPENTER C. W. ELLIOTT HRS C/O MARY C. OLDAKER LONNIE W. ELLIOTT HRS C/O JANET SUE ELLIOTT LUVINA J. ELLIOTT DAVID P., JR. & JANET SUE ELLIOTT RAY ELLIOTT JOHN J., II & ELLYSON MARY OLDAKER C/O MARY C. OLDAKER ELZONA PROST HRS KENNETH H. PARKS, WILLIAM TYRAN & MARY PARKS C/O BARBARA J. BARKER AND ROBERT H. PARKS LYDIA M. PARKS EST & F. EUSTACE C/O LYDIA ENOS HAUGHT FARM LLC E. CLIFFORD WOLFE WILLIAM B. ELLIOTT TIMOTHY AMOS CLAYTON & JOE L. SWEETCRAFT, CATHY ANN TRUESDELL ERNEST J. DYE, NORMA J. COTRILL & LOIS C. PORTER EDWARD LEE PORTER JR., EDWIN LEE PORTER SR., GARY MICHAEL & STEVEN TODD PORTER JUDY L. MILLER MARY LOU NATH EDDIE C. WATSON IRENA W. CONLEY EDNA HARDMAN ERNEST L. HARTSHORN MARY ELIZABETH HILTON CARPENTER SUE ELLIOTT NORRIS	07-18/30
8	A. J. SCOTT HAUGHT FAMILY TRUST	07-18/19
9	HEARTWOOD FORESTLAND FUND IV LIMITED PARTNERSHIP	07-18/18
10	HEARTWOOD FORESTLAND FUND IV LIMITED PARTNERSHIP	07-18/15
11	DANIEL R. & SAMANTHA J. BOONE	07-18/17
12	HEARTWOOD FORESTLAND FUND IV LIMITED PARTNERSHIP	07-18/7

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4324570.00
 E:492548.28
 UTM 17-NAD83(FT)
 N:14188193.40
 E:1615968.80
 LAT/LON DATUM-NAD83
 LAT:39.070197
 LON:-81.086141

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4324697.82
 E:492468.32
 UTM 17-NAD83(FT)
 N:14188612.76
 E:1615699.93
 LAT/LON DATUM-NAD83
 LAT:39.071348
 LON:-81.087090

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4328440.00
 E:491105.50
 UTM 17-NAD83(FT)
 N:14200890.23
 E:1611235.29
 LAT/LON DATUM-NAD83
 LAT:39.105057
 LON:-81.102870



	LESSOR	DIST-TM/PAR
A	M. A. AYERS	07-26/55
B	J. R. WESTFALL	07-26/5.2
C	PARKS/ WILSON	07-26/4
D	HAUGHT/EVANS	07-26/11
E	MARY ELLIOT HEIRS	07-26/6
F	MARY E. SCOTT	07-18/30
G	A. ELLIOTT	07-18/19
H	OP SMITH/HFT(HAUGHT)	07-18/18
J	R. JOHNSON	07-18/17
K	PARKS	07-18/15

Blue Mountain
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: GOODNIGHT 1402 N-2H
 DRAWING #: GOODNIGHT 1402 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: AUGUST 14, 2018
 OPERATOR'S WELL #: GOODNIGHT 1402 N-2H
 API WELL #: 47 85 10374 H6A
 STATE COUNTY PERMIT

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

WATERSHED: SOUTH FORK HUGHES RIVER ELEVATION: 739'±

COUNTY/DISTRICT: RITCHIE / MURPHY QUADRANGLE: SMITHVILLE, WV 7.5'

SURFACE OWNER: KENNETH PAUL GOODNIGHT ACREAGE: 239.924±

OIL & GAS ROYALTY OWNER: M. A. AYERS ACREAGE: 1279.302±

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: 5,830'± TMD: 19,322'±

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

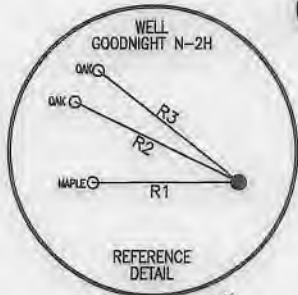
BHL is located on topo map 5,544 feet west of Longitude: 81°05'00"
 SHL is located on topo map 797 feet west of Longitude: 81°05'00"

GOODNIGHT 1402 N-2H

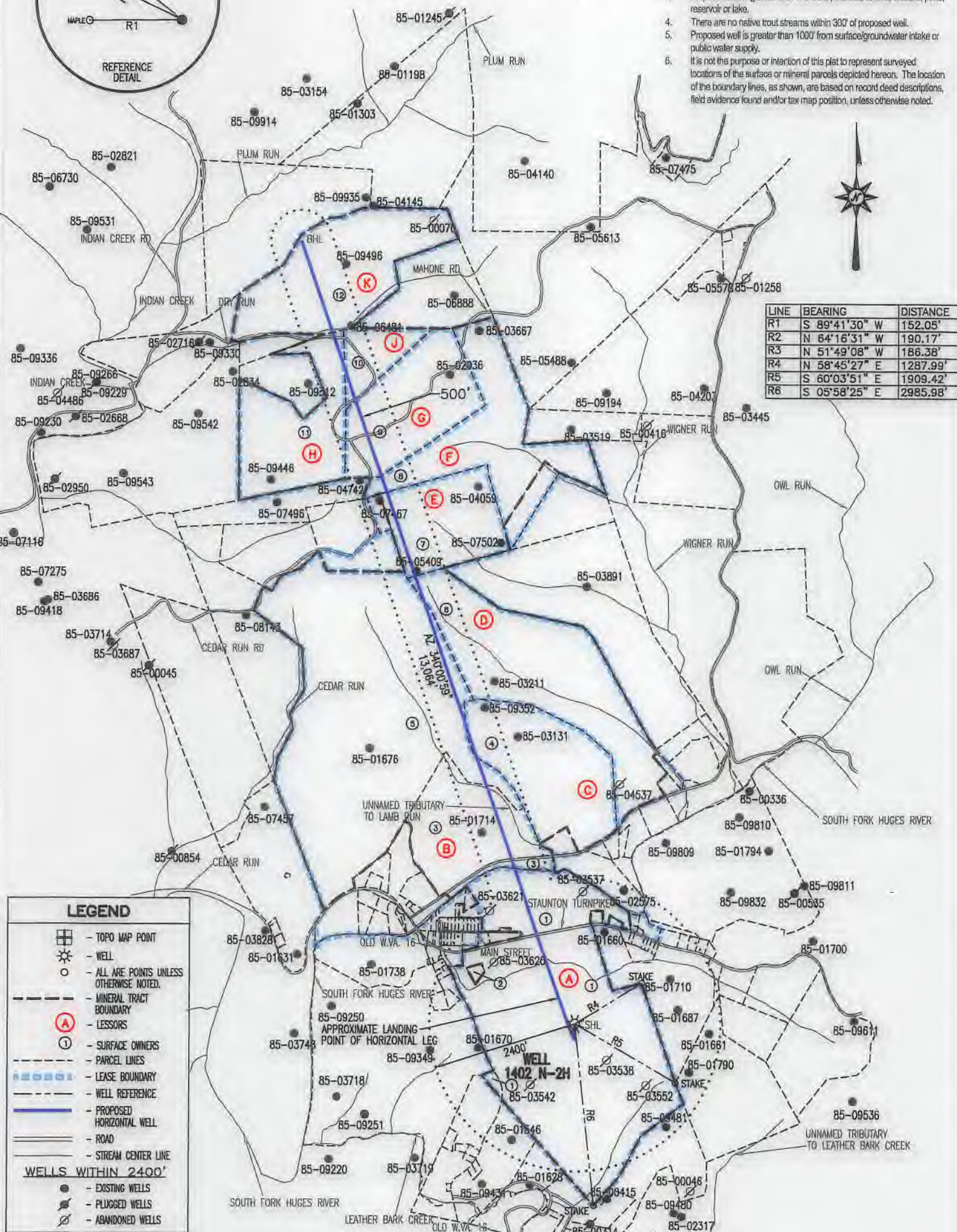
PAGE 2 OF 2

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.



LINE	BEARING	DISTANCE
R1	S 89°41'30" W	152.05'
R2	N 64°16'31" W	190.17'
R3	N 51°49'08" W	186.38'
R4	N 58°45'27" E	1287.99'
R5	S 60°03'51" E	1909.42'
R6	S 05°58'25" E	2985.98'



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

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

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AUGUST 14, 2018

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