

BHL is located on topo map 5,950 feet south of Latitude: 39° 12' 30"
 SHL is located on topo map 6,761 feet south of Latitude: 39° 10' 00"

SEE PAGE 3 FOR SURFACE OWNERS

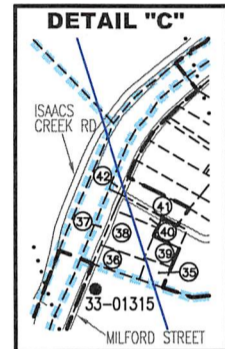
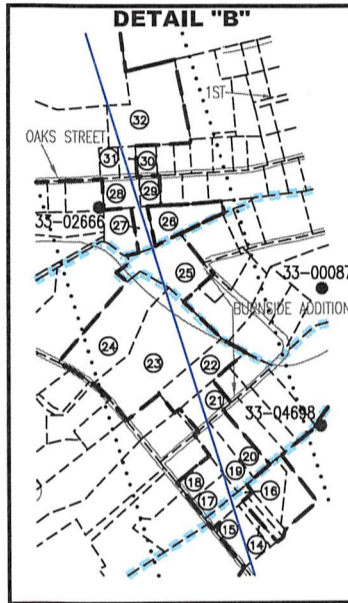
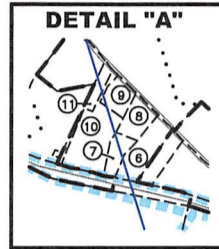
SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

LESSOR	DIST-TM/PAR
A J. B. GUSMAN ET AL	20-444/11.2
B J. A. HARDWAY ET AL	20-444/5
C EDMOND SOUTHERN ET UX	12-444/8
	12-444/7.1
	12-444/6.1
	12-444/6.2
	12-444/6.4
	12-444/6
	12-424/51.1
	12-424/51
	12-2002/25
	12-2002/24
	12-2002/24.1
D MARY S. DEISON ET AL	12-2002/18
	12-2002/17
	12-2002/15.1
	12-2002/14
	12-2002/7
	12-2002/9
	12-2002/3
	12-2002/2
E PAUL S. HORNOR ET AL	12-2002/10.1
F G.W. RIFFER ET AL	12-424/40
	12-424A/12
	12-424A/11.1
	12-424A/22
	12-2002/21
	12-424/17
	12-424/17.3
	12-424/17.1
G WM BURNSIDE ET AL	12-2001/17.2
	12-2001/17.1
	12-2001/1
	12-2001/18.1
	12-2001/18.3
	12-2001/18.2
	12-2001/19
	20-2001/2
H GEO. W. WASHBURN ET AL	20-424/16
J WILLIAM AND RUHAMA BURSIDE	20-424/2
	20-424/57
K GEORGE WASHBURN ET AL	20-404/40
	P/O 20-404/30.1
L J P POST ET AL	20-404/43
	20-404/42
M JACOB MCCONEY	20-404/30.1
	20-404/30
	20-404/31.1
	20-404/30.2
	20-404/29
	20-404-29.1
	20-404/5

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:433359.41
 E:548090.45
UTM 17-NAD83(FT)
 N:14217030.00
 E:1798193.40
LAT/LON DATUM-NAD83
 LAT:39.148103
 LON:-80.443470

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4333504.86
 E:548123.18
UTM 17-NAD83(FT)
 N:14217507.15
 E:1798300.84
LAT/LON DATUM-NAD83
 LAT:39.149412
 LON:-80.443081

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4338221.63
 E:546562.90
UTM 17-NAD83(FT)
 N:14232982.13
 E:1793181.78
LAT/LON DATUM-NAD83
 LAT:39.191998
 LON:-80.460812



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

FILE #: 1209 N-4H
 DRAWING #: 1209 N-4H
 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

GEORGE D. SIX
 LICENSED
 No. 2000
 STATE OF
 WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 PLACE SEAL HERE

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

DATE: OCTOBER 24, 2018
 OPERATOR'S WELL #: 1209 N-4H
 API WELL #: 47 33
 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: 1121.957±

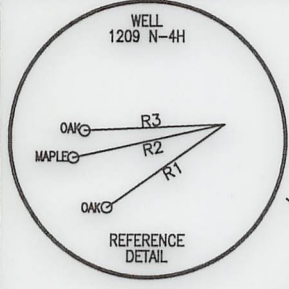
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,900'± TMD: 23,646'±
 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 703 feet west of Longitude: 80° 27' 30"
 SHL is located on topo map 7,602 feet west of Longitude: 80° 25' 00"

1209 N-4H

PAGE 2 OF 3



NOTES:

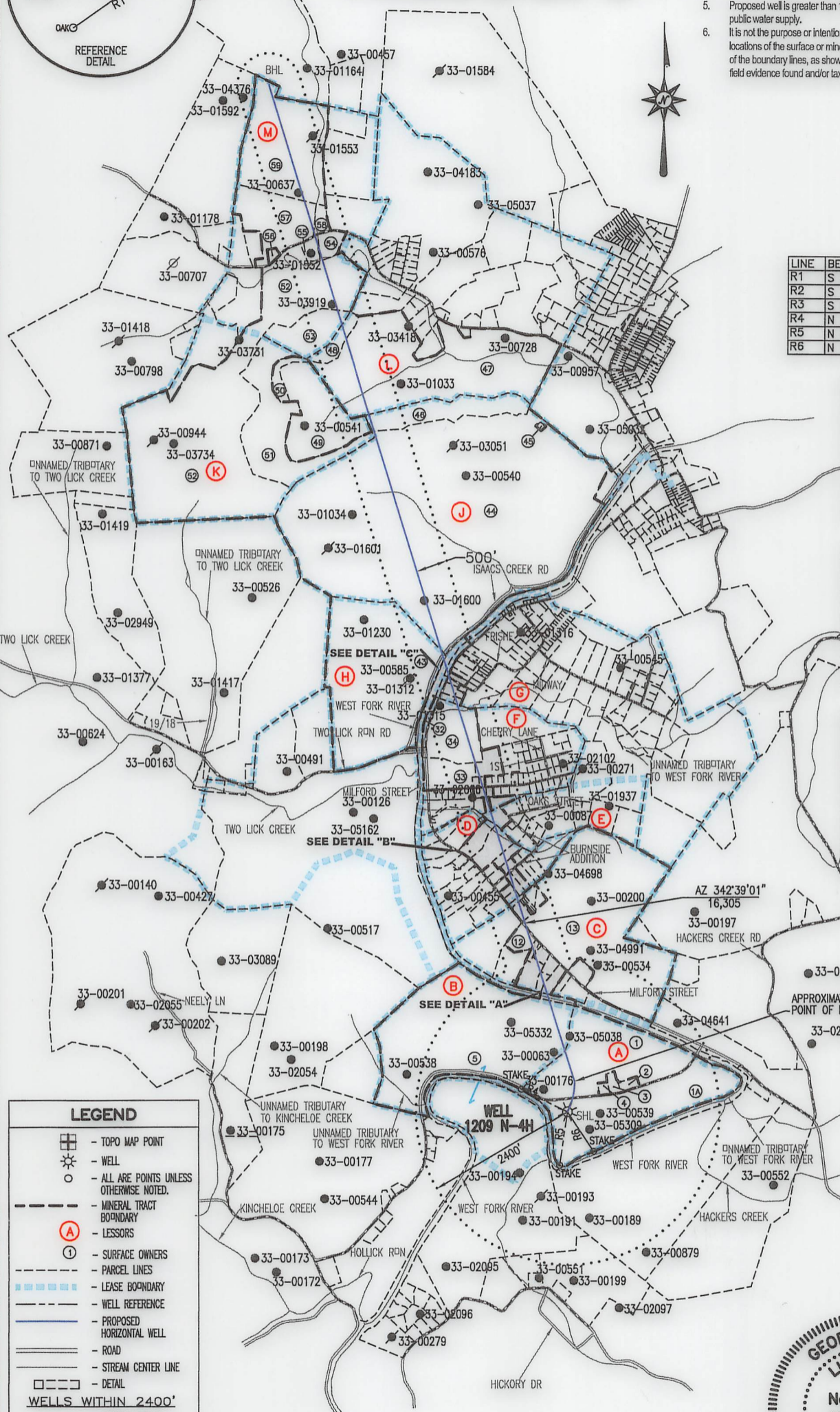
1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
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 54°31'30" W	224.94'
R2	S 77°20'58" W	242.25'
R3	S 87°08'08" W	219.08'
R4	N 64°42'30" W	808.48'
R5	N 08°31'59" E	853.30'
R6	N 33°23'26" W	747.66'

SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83(M)	
N:	4333359.41
E:	548080.45
DTM 17-NAD83(FT)	
N:	14217030.00
E:	1798193.40
LAT/LON DATUM-NAD83	
LAT:	39.148103
LO:	-80.443470

APPROX. LANDING POINT	
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N:	4333504.86
E:	548123.18
DTM 17-NAD83(FT)	
N:	14217507.15
E:	1798300.84
LAT/LON DATUM-NAD83	
LAT:	39.149412
LO:	-80.443081

BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83(M)	
N:	4338221.63
E:	546562.90
DTM 17-NAD83(FT)	
N:	14232982.13
E:	1793181.78
LAT/LON DATUM-NAD83	
LAT:	39.191998
LO:	-80.460812

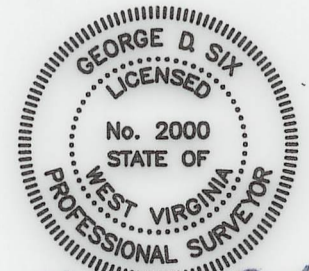


LEGEND

- 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
- PLOGGED WELLS
- ABANDONED WELLS



George D. Six

1209 N-4H

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	DANNY LEE & ALICIA A. STICKEL	20-444/5
6	JONATHAN P. & LORI ANN EVANOSKI	12-444/8
7	PAUL W. & EMMA L. GARRETT	12-444/7.1
8	PAUL W., JR. & EMMA L. GARRETT	12-444/6.1
9	SCOTT G. & KIMBERLY A. COOK	12-444/6.2
10	JERRY L. WHITE	12-444/6.4
11	TRUSTEES OF HARVEST EVANGELICAL METHODIST CHURCH	12-444/6
12	JAMES M. GARRETT	12-424/51.1
13	JOHN E. JR. & LEE M. PAUGH	12-424/51
14	G. & ROSANNA M. R. RANDALL - LIFE	12-2002/25
15	G. & ROSANNA M. R. RANDALL - LIFE	12-2002/24
16	NAJ LLC	12-2002/24.1
17	JASON P. LOUK	12-2002/18
18	WEST VIRGINIA HOUSING DEVELOPMENT FUND	12-2002/17
19	JONATHAN L. SOUTHERN	12-2002/15.1
20	GARRY M. & VALERIE K. LOWTHER	12-2002/14
21	BETTY A. SECRIST	12-2002/7
22	ROBERT MATTHEW LOWTHER	12-2002/9
23	DELBY B. POOL	12-2002/3
24	DELBY B. POOL	12-2002/2
25	SHARON K. LOUK	12-2002/10.1
26	*IDA HUGHES	12-424/40.2
27	GARY D. & ANA A. CARPENTER	12-424/40
28	GARY D. & ANA A. CARPENTER	12-424A/12
29	*ROY HUGHES	12-424A/11.1
30	DOMENICK D. & CAROL A. CASTILLO	12-424A/22
31	*DOMENICK DEL & CAROL ANN CASTILLO	12-424A/21
32	DAVID E. & DEBRA S. SHRIEVES	12-424/17
33	DAVID E. & DEBRA S. SHRIEVES	12-424/17.3
34	G A L LAND COMPANY	12-424/17.1
35	KRISTOPHER R. SOUTHERN & JANET R. COLBERT	12-2001/17.2
36	RONZEL C. & SANDRA D. RICHARDS	12-2001/17.1
37	CASANDRA LAREE TRUDGEON	12-2001/1
38	JOHN & DREMA HORNER	12-2001/18.1
39	DAVID WILLIAM & JESSICA DAWN COE	12-2001/18.3
40	RONZEL C. & SANDRA RICHARDS	12-2001/18.2
41	WILLIAM BRENT WASHBURN	12-2001/19
42	DONOVAN F. RANDOLPH ESTATE & LOUISE HUMPHREYS ET AL	20-2001/2
43	BRENDA & MICHAEL TUCKWILLER	20-424/16
44	WILLIAM MICHAEL MCDONALD	20-424/2
45	GREATER HARRISON COUNTY PUBLIC SERVICE DISTRICT	20-404/58
46	PERRY LEE & DEBORAH JEAN POST	20-404/57
47	PERRY LEE & DEBORAH JEAN POST	20-404/43
48	PERRY LEE & DEBORAH JEAN POST	20-404/42
49	PERRY LEE & DEBORAH JEAN POST	20-404/41
50	PERRY LEE & DEBORAH JEAN POST	20-404/40.1
51	PERRY LEE & DEBORAH JEAN POST	20-404/40
52	AL-N-EL FARMS LLC	20-404/30.1
53	PERRY LEE & DEBORAH JEAN POST	20-404/30
54	CNX GAS COMPANY LLC	20-404/31.1
55	LILBURN GARRISON II	20-404/30.2
56	HAZEL LORRAINE & JUDITH K. & DONNIE W. METHENY	20-404/29.3
57	HAZEL LORRAINE METHENY	20-404/29
58	JAMES R. & GEORGETTE B. GRIFFITH	20-404/29.1
59	CONSOLIDATION COAL COMPANY	20-404/5

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