

BHL is located on topo map 2,544 feet south of Latitude: 39° 07' 30"
 SHL is located on topo map 6,818 feet south of Latitude: 39° 10' 00"

BHL is located on topo map 3,555 feet west of Longitude: 80° 25' 00"
 SHL is located on topo map 7,268 feet west of Longitude: 80° 25' 00"

SEE PAGE 2 FOR SURFACE OWNERS & LESSORS



03/29/2019

- 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.

LEGEND

- ⊕ - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- - - MINERAL TRACT BOUNDARY
- - - LESSORS
- ① - 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

SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4333342.59
 E:548192.16
 UTM 17-NAD83(FT)
 N:14216974.80
 E:1798527.10
 LAT/LON DATUM-NAD83
 LAT:39.147946
 LON:-80.442294

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4330028.19
 E:549344.89
 UTM 17-NAD83(FT)
 N:14206100.82
 E:1802309.02
 LAT/LON DATUM-NAD83
 LAT:39.118016
 LON:-80.429196

APPROX. LANDING POINT
 UTM 17-NAD83
 N:4333238.98
 E:548163.38
 UTM 17-NAD83(FT)
 N:14216634.90
 E:1798432.70
 LAT/LON DATUM-NAD83
 LAT:39.147014
 LON:-80.442634

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

FILE #: 1209 S-9H
 DRAWING #: 1209 S-9H
 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: JANUARY 25, 2019
 OPERATOR'S WELL #: 1209 S-9H
 API WELL #: 47 33 05945
 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: 483.766±

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: 16,676'±
 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 S-9H

PAGE 2 OF 2

03/29/2019

	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	ERIC K. & SUSIE G. DECKER	12-444/21
6	ERIC K. & SUSIE G. DECKER	12-444/21.2
7	ROBERT D. & GEORGANNA STARKEY	12-444/29
8	MICHELLE HOPE DENNISON	12-444/31
9	MICHELLE HOPE DENNISON	12-444/31.1
10	WILLARD H. & JUDITH D. MCWHORTER	4-7B/5.4
11	GEORGE N. & REBECCA A. STANSBERRY	4-7B/5.6
12	GARY R. & PAMELA S. TURNER	4-7B/35
13	WILLIAM E. AND JANIS ROGERS	4-8B/2.2
14	GARY R. & PAMELA S. TURNER	4-7B/35.2
15	*CLYDETTE COWGAR	4-7B/35.3
16	JOSEPH C. FRAZIER	4-8B/2.1
17	THELMA R. BAILEY	4-8B/1.3
18	HOWARD E. BAILEY	4-7B/29.2
19	THELMA R. BAILEY	4-8B/8
20	ROBERT G. & ALISA G. GUM	4-7C/30.2
21	ROBERT G. & ALISA G. GUM	4-7C/31
22	ROBERT G. & ALISA G. GUM	4-7C/31.1
23	KEVIN B. & SHERI K. JERDEN	4-8C/1.1
24	KEVIN B. & SHERI K. JERDEN	4-8C/1.4
25	WILLIAM H. TURNER	4-8C/2
26	HENRY A. & PATRICIA E. STRADER	4-8C/6.3
27	LESTER B. & WINIFRED M. BLEVINS	4-8C/6.1
28	LESTER B. & WINIFRED M. BLEVINS	4-8C/6
29	JANICE L. OLDAKER	4-8C/6.2
30	WILLIAM H. TURNER	4-8C/6.4
31	WILLIAM H. TURNER	4-8C/2.1
32	WILLIAM R. & ESTYLEEN KINNEY	4-8C/2.2

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

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LAT:39.118016
LON:-80.429196

	LESSOR	LEASE NO.	DIST-TM/PAR
A	J. B. GUSMAN ET AL	FK020606	20-444/11.2
			12-444/21
B	J. K. MUSSER ET UX	FK002243	12-444/29
			12-444/31
C	L. D. REED ET AL	FK008530	12-444/31
			12-444/31.1
D	ARLICE REED CHURCHILL ET AL	FK062147	12-444/31
			12-444/31.1
E	J. Q. MUSSER ET AL	FK002249	4-7B/5.4
F	S. G. HALL ET UX	FK014031	4-7B/5.4
			4-7B/5.6
			4-7B/35
			4-8B/2.2
G	EARL WIMER ET AL	FK064279	4-7B/35.2
			4-7B/35.3
			4-8B/2.1
H	W. L. RIFFE ET AL	FK064316	4-8B/1.3
J	ALDA V. HITT	FK077958	4-7B/29.2
			4-8B/8
K	J. H. BAILEY ET AL	Q102176000	4-7C/30.2
L	ALISA G. GUM	Q102176000	4-7C/31
	LORI LEE CALDWELL	Q102118000	
	GERALD W. RAMSBURG	Q102123000	
	KARRIE DIANE SIMS	Q102112000	
	DENISE C. CARSON	Q102117000	
	KAREN K. HOBBS	Q102122000	
	KATRINA L. WEST	Q102121000	
	DAVID C. GARVIN	Q102119000	
M	KEVIN B. JERDEN ET UX	Q102115000	4-8C/1.1
N	KEVIN B. JERDEN ET UX	Q097844000	4-8C/1.4
O	HUGH RAMSBURG	FK068456	4-8C/2
			4-8C/6.3
			4-8C/6.1
			4-8C/6
			4-8C/6.2
			4-8C/6.4
			4-8C/2.1
			4-8C/2.2

JANUARY 25, 2019



API WELL #: 47 33
STATE COUNTY PERMIT