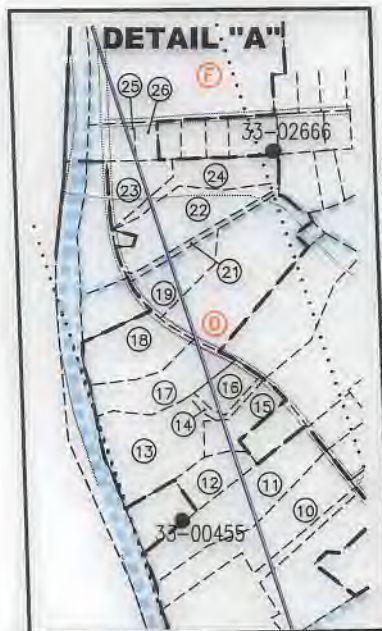


BHL is located on topo map 7,676 feet south of Latitude: 39°12'30"
 SHL is located on topo map 6,806 feet south of Latitude: 39°10'00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR SURFACE OWNERS

	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	12-424/51.4
		12-424/51.2
D	MARY S. DIESON ET AL	12-424/50.4
		12-424/50.1
		12-424/50
		12-424/49.1
		12-424/49.3
		12-424/48.3
		12-424/48
		12-424/49
		12-424/48.4
		12-424/48.1
		12-424/36.1
		12-424/39.1
		12-424/39
		12-424/59
E	G. W. RIFFER	12-424/38
		12-424/38.1
		12-424/38.3
		12-424/17.3
		12-424/17.1
		12-424/17
		12-424A/20
		12-424A/19
F	GEO. W. WASHBURN ET AL	20-424/16
G	WILLIAM AND RUHAMA BURNSIDE	20-424/2
		20-404/58
H	GEORGE WASHBURN ET AL	20-404/41
		20-404/40
		20-424/40.1
		20-404/30.1
J	JACOB MCCONKEY	20-404/30
		20/404/30.1
		20-404/40.2
		20-404/29.4
		20-404/29



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

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4333345.76 E:548091.30
UTM 17-NAD83(FT) N:14216985.20 E:1798196.20
LAT/LON DATUM-NAD83 LAT:39.147980 LON:-80.443461

APPROX. LANDING POINT
UTM 17-NAD83(M) N:4333435.89 E:547930.73
UTM 17-NAD83(FT) N:14217280.90 E:1797669.40
LAT/LON DATUM-NAD83 LAT:39.148801 LON:-80.445313

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4337694.77 E:546425.80
UTM 17-NAD83(FT) N:14231253.59 E:1792731.98
LAT/LON DATUM-NAD83 LAT:39.187258 LON:-80.462436

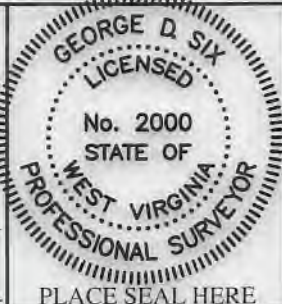


BHL is located on topo map 1,163 feet west of Longitude: 80°27'30"
 SHL is located on topo map 7,599 feet west of Longitude: 80°25'00"

FILE #: 1209 N-3H
 DRAWING #: 1209 N-3H
 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: OCTOBER 24, 2018
 OPERATOR'S WELL #: 1209 N-3H
 API WELL #: 47 33 05736
 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: 990.242±

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

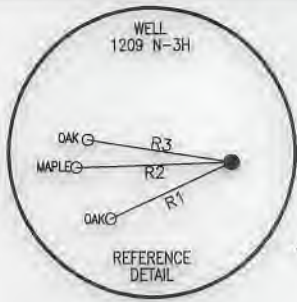
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,900'± TMD: 22,169'±
 WELL OPERATOR HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT DIANE C. WHITE
 Address 5260 DUPONT ROAD Address 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

1209 N-3H

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 65°10'35" W	204.09'
R2	S 88°01'54" W	238.56'
R3	N 81°16'14" W	223.44'
R4	N 03°47'15" E	1711.33'
R5	N 44°30'26" E	684.06'
R6	S 02°18'12" W	814.97'

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 E:548091.30
UTM 17-NAD83(FT)
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George D. Six