

BHL is located on topo map 11,867 feet south of Latitude: 39° 25' 00"
 SHL is located on topo map 7,920 feet south of Latitude: 39° 22' 30"

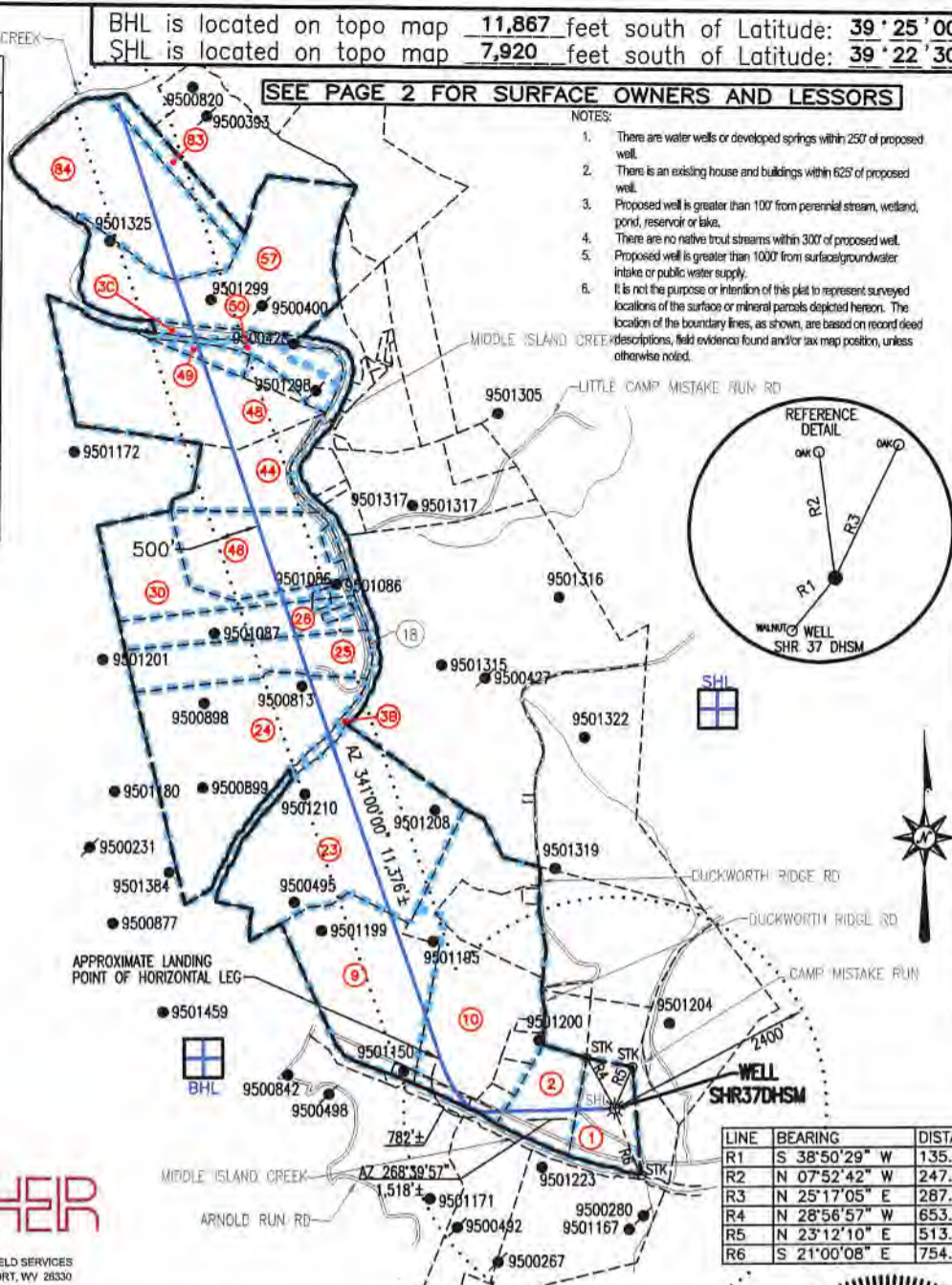
SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

LEGEND

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

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS
- ABANDON WELLS



- NOTES:
1. There are water wells or developed springs within 250' of proposed well.
 2. There is an existing house and 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.

BHL is located on topo map 9,303 feet west of Longitude: 80° 50' 00"
 SHL is located on topo map 3,459 feet west of Longitude: 80° 50' 00"

SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4355990.26
 E:513306.08
 NAD83, WV NORTH
 N:313628.321
 E:1588022.705
 LAT/LON DATUM-NAD83
 LAT:39°21'11.719"
 LON:80°50'44.033"

APPROX. LANDING POINT
 UTM 17-NAD83
 N:4356150.69
 E:512701.97
 NAD83, WV NORTH
 N:314187.870
 E:1586049.114
 LAT/LON DATUM-NAD83
 LAT:39°21'16.956"
 LON:80°51'09.263"

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4359408.89
 E:511519.09
 NAD83, WV NORTH
 N:324944.523
 E:1582345.889
 LAT/LON DATUM-NAD83
 LAT:39°23'02.708"
 LON:80°51'58.487"

LINE	BEARING	DISTANCE
R1	S 38°50'29" W	135.25'
R2	N 07°52'42" W	247.84'
R3	N 25°17'05" E	287.89'
R4	N 28°56'57" W	653.25'
R5	N 23°12'10" E	513.11'
R6	S 21°00'08" E	754.97'

THRASHER

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 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 25330
 PHONE (304) 624-4108 • FAX (304) 624-7831

FILE #: SHR 37 DHSM
 DRAWING #: SHR 37 DHSM
 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 22, 2019
 OPERATOR'S WELL #: SHR 37 DHSM
 API WELL #: 47 95 02667 H&A
 STATE COUNTY PERMIT

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

WATERSHED: HEADWATERS MIDDLE ISLAND CREEK ELEVATION: 828.57'±
 COUNTY/DISTRICT: TYLER / CENTERVILLE QUADRANGLE: WEST UNION, WV 7.5'
 SURFACE OWNER: CNX GAS COMPANY ACREAGE: 18±
 OIL & GAS ROYALTY OWNER: ELEANOR V. & DEAN A. EARNHEART, ET AL ACREAGE: 720.525±

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: 6,302'± TMD: 18,439'±
 WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT ANTHONY KENDZIORA
 Address 1000 CONSOL ENERGY DRIVE Address 1000 CONSOL ENERGY DRIVE
 City CANONSBURG State PA Zip Code 15317 City CANONSBURG State PA Zip Code 15317

983
10/29/2019

SHR 37 DHSM

PAGE 2 OF 2

	SURFACE OWNER	LESSOR	DIST-TM/PAR
1	CNX GAS COMPANY	ELEANOR V. EARNHEART AND DEAN A. EARNHEART, W/H CLELLA BOICE, WIDOW LUELLA I. MCCONNELL, WIDOW AGNES GODWIN, WIDOW NANCY P. MCCLAIN AND RALPH E. MCCLAIN, W/H GEORGIA P. SNYDER, DIVORCED BRADIE PIPES AND GOLDIE PIPES, H/W PURSIE PIPES AND NORMA J. PIPES, H/W DOROTHY BELLE WELLS AND BYRON WELLS, W/H MYRNA MORGAN AND DAVID MORGAN, H/W	1-17/5
2	GAIL WILLIAMSON	ELEANOR V. EARNHEART AND DEAN A. EARNHEART, W/H CLELLA BOICE, WIDOW LUELLA I. MCCONNELL, WIDOW AGNES GODWIN, WIDOW NANCY P. MCCLAIN AND RALPH E. MCCLAIN, W/H GEORGIA P. SNYDER, DIVORCED BRADIE PIPES AND GOLDIE PIPES, H/W PURSIE PIPES AND NORMA J. PIPES, H/W DOROTHY BELLE WELLS AND BYRON WELLS, W/H MYRNA MORGAN AND DAVID MORGAN, W/H REVA ROWLAND AND RONALD ROYCE ROWLAND	1-17/6
3B	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	MIDDLE ISLAND CREEK
3C	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	MIDDLE ISLAND CREEK
9	JASON A. & KANDACE R. MIDDLE GEORGE F. & KATHLEEN S. SPROWLS	VIOLET GREGG, ET AL COLUMBIA I. COLLINS ANTHONY STEPHANO ELIZABETH BRYCE TROSCHE, A/K/A, BRYCE PRIBBLE TROSCHE AND CARL TROSCHE, W/H	1-17/10 1-17/10.6
10	ELDEN L. PRATT & CHRISTINE LEASURE TIMOTHY R. PRATT ELDEN L., RODNEY DEAN & TIMOTHY RAY PRATT THOMAS D. II & CONNIE S. SNYDER ROGNEY D. PRATT WAYNE C. & RHONDA G. MUMBAUER WAYNE C. & RHONDA G. MUMBAUER STATE OF WEST VIRGINIA FORREST G. POWELL ROGER L. & MARJORIE P. WILLIAMS JASON L. & REBECCA M. PRATT	ARTIS HOPE JACK PARKER, ATTORNEY-IN-FACT FOR COLEN C. JACK	1-15/38 1-15/39 1-17/11 1-17/11.1 1-17/11.2 1-17/11.3 1-17/11.4 1-17/11.5 1-17/11.6 1-17/11.7 1-17/11.8
23	DAVID J. PRICE	AMANDA GREGG, ET AL	1-15/19
24	JOHN SR., & TINA B. JACENKIW	RALPH J. WESTFALL AND SHIRLEY A. WESTFALL, H/W NANCY B. WESTFALL	P/O 1-15/18
25			
26	JAMIE M. FERGUSON & MICHAEL NEELEY	THELMA FERGUSON, ET AL	P/O 1-15/35
30	DONALD FERGUSON		P/O 1-15/36
44	EUGENE W. & LESLIE BENNETT JOHN JR., & TANYA LYNN JACENKIW	BARBARA ANN PARKER, FORMERLY BARBARA ANN FERGUSON BETTY SUE EAKLE, FORMERLY, BETTY SUE FERGUSON AND HOWARD EAKLE, SR., W/H PATRICIA ANN GORDON, FORMERLY PATRICIA ANN FERGUSON DONALD L. SECKMAN AND DORA OLIVE SECKMAN, H/W HUGH EDWIN FERGUSON MARY ELIZABETH DEARTH, FORMERLY MARY ELIZABETH FERGUSON ROGER L. FERGUSON DONALD FERGUSON VIRGINIA LYNN FERGUSON, WIDOW OF JAMES FERGUSON MELVIN EUGENE FERGUSON AND SANDRA K. FERGUSON, H/W LEE ROY FERGUSON AND TRACY FERGUSON, H/W ROSEMARY DAVIS, FORMERLY ROSEMARY FERGUSON RICHARD O. FERGUSON, JR. RONALD H. WOODBURN MARGARET E. OLEXA BARBARA R. NELSON, F/K/A RENEE F. COLLINSWORTH, F/K/A RENEE MERRICK JAMES E. ULLOM WILLIAM STEVEN MORRIS JOHN ANDREW MORRIS DEBRA G. KYLE DAVID D. HULL	1-15/9 1-15-9.1
46	EUGENE W. & LESLIE BENNETT LORETTA L. HAUGHT HERBERT L. & DIXIE S. BUCKLEY	DONALD L. SECKMAN AND DORA OLIVE SECKMAN, H/W ROGER L. FERGUSON MELVIN EUGENE FERGUSON AND SANDRA K. FERGUSON, H/W LEE ROY FERGUSON AND TRACY FERGUSON, H/W RICHARD O. FERGUSON, JR. RONALD H. WOODBURN MARGARET E. OLEXA JAMES E. ULLOM WILLIAM STEVEN MORRIS JOHN ANDREW MORRIS DEBRA G. KYLE DAVID D. HULL	1-15/9 1-15/9.2 1-15/9.3
48	CONRAD E. COSTILOW	CONRAD E. COSTILOW ANN LENZ DENLINGER, F/K/A, ANN HOKMAN LENZ DENLINGER, F/K/A, ANN HOKMAN LENZ	1-15/8
49	RITA M. SHEPHERD	ERNEST LANTZ RITA MARIE SHEPHERD	1-15/2.2
50	ROBERT W. GRAHAM WILLIAM C. HENTHORN	ERNEST LANTZ RONALD LEE ASH RALPH ARNOLD ASH RANDALL DALE ASH AND DORETTA LYNN ASH	1-15/2 1-15/2.4
57	ROBERT W. GRAHAM	ERNEST LANTZ RONALD LEE ASH RALPH ARNOLD ASH RANDALL DALE ASH AND DORETTA LYNN ASH	1-15/2
83	ROBERT C. & JAMES L. SINCLAIR	SANDRA L. SPENCE BARBARA J. DRUCHNIAK PATTY L. BUTERBAUGH RICHARD B. SMITH	P/O 1-12/19
84			

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API WELL #: 47 95 02667 H4A
STATE COUNTY PERMIT

OCTOBER 22, 2019

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