

BHL is located on topo map 11,609 feet south of Latitude: 39°25'00"
 SHL is located on topo map 7,936 feet south of Latitude: 39°22'30"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR SURFACE OWNERS AND LESSORS

AS DRILLED PLAT

BHL is located on topo map 8,596 feet west of Longitude: 80°50'00"
 SHL is located on topo map 3,447 feet west of Longitude: 80°50'00"

PERMITTED
SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4355985.39
 E:513309.74
 NAD83, WV NORTH
 N:313612.142
 E:1588034.457
 LAT/LON DATUM-NAD83
 LAT:39°21'11.561"
 LON:80°50'43.880"

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PERMITTED
APPROX. LANDING POINT
 UTM 17-NAD83
 N:4355942.54
 E:513020.86
 NAD83, WV NORTH
 N:313487.360
 E:1587084.139
 LAT/LON DATUM-NAD83
 LAT:39°21'10.187"
 LON:80°50'55.953"

AS-DRILLED
APPROX. LANDING POINT
 UTM 17-NAD83
 N:4355988.77
 E:513005.38
 NAD83, WV NORTH
 N:313639.905
 E:1587035.890
 LAT/LON DATUM-NAD83
 LAT:39°21'11.687"
 LON:80°50'56.597"

PERMITTED
BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4359486.65
 E:511730.30
 NAD83, WV NORTH
 N:325188.122
 E:1583043.246
 LAT/LON DATUM-NAD83
 LAT:39°23'05.220"
 LON:80°51'49.653"

AS-DRILLED
BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4359487.82
 E:511733.55
 NAD83, WV NORTH
 N:325191.773
 E:1583053.986
 LAT/LON DATUM-NAD83
 LAT:39°23'05.257"
 LON:80°51'49.517"



THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 25330
 PHONE (304) 624-4108 • FAX (304) 624-7831

FILE #: SHR 37 EHSM
 DRAWING #: SHR 37 EHSM
 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: *Joseph H. Lowther*
 R.P.E.: _____ L.L.S.: P.S. No. 2346



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



DATE: MAY 14, 2020
 OPERATOR'S WELL #: SHR 37 EHSM
 API WELL #: 47 95 02668
 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: 816.645±

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: 19,242'±

WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT ANTHONY KENDZIORA

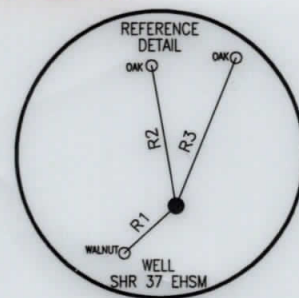
Address 1000 CONSOL ENERGY DRIVE Address 1000 CONSOL ENERGY DRIVE

City CANONSBURG State PA Zip Code 15317 City CANONSBURG State PA Zip Code 15317

08/27/2021

SHR 37 EHSM PAGE 2 OF 3

AS DRILLED PLAT



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| 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 |
| | - AS-DRILLED |
| | - ROAD |
| | - STREAM CENTER LINE |
| GAS WELLS | |
| | - EXISTING WELLS |
| | - PLUGGED WELLS |
| | - ABANDON WELLS |

| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| R1 | S 47°17'06" W | 131.44' |
| R2 | N 09°54'40" W | 265.64' |
| R3 | N 21°54'41" E | 298.02' |
| R4 | N 29°09'29" W | 673.10' |
| R5 | N 21°19'23" E | 523.64' |
| R6 | S 20°35'57" E | 735.67' |

NOTES:

- There are water wells or developed springs within 250' of proposed well.
- There is an existing house and buildings within 625' of proposed well.
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- 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.

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MAY 14, 2020

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Joseph H. Lowther



08/27/2021

SHR 37 EHSM PAGE 3 OF 3 AS DRILLED PLAT

| | 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 |
| 3A | WEST VIRGINIA DIVISION OF NATURAL RESOURCES | WEST VIRGINIA DIVISION OF NATURAL RESOURCES | MIDDLE ISLAND CREEK |
| 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 |
| 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 |
| 22 | MARY J. KAHLER (LIFE) | JACOB C. COTTRILL, ATTORNEY-IN-FACT FOR CHARLES D. COTTRILL HEIRS; JACOB C. COTTRILL AND SHIRLEY A. COTTRILL, H/W | 1-15/15 |
| 23 | DAVID J. PRICE | AMANDA GREGG ET AL | 1-15/19 |
| 25 | JOHN SR., & TINA B. JACENKIW | NANCY B. WESTFALL | 1-15/18 |
| 26 | JAMIE M. FERGUSON & MICHAEL NEELEY | THELMA FERGUSON ET AL | P/O 1-15/35 |
| 30 | DONALD FERGUSON | | P/O 1-15/36 |
| 32 | GLADYS V. GREGG | DAVID C. GREGG GLADYS V. GREGG | 1-15-10.2 |
| 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 |
| 45 | HERBERT L. & DIXIE S. BUCKLEY | BETTY SUE EAKLE, FORMERLY, BETTY SUE FERGUSON AND HOWARD EAKLE, SR., W/H RONALD H. WOODBURN MARGARET E. OLEXA JAMES E. ULLOM WILLIAM STEVEN MORRIS JOHN ANDREW MORRIS DEBRA G. KYLE DAVID D. HULL | 1-15-37 |
| 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 |
| 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 |
| 51 | MICHAEL SHEPHERD | ERNEST LANTZ RONALD LEE ASH RALPH ARNOLD ASH RANDALL DALE ASH AND DORETTA LYNN ASH ROBERT A. JOHNSON AND EVELYN F. JOHNSON, H/W JOE H. AND LINDEL M. LANTZ, H/W JACK EDWARD AND BETTY JUNE LANTZ | 1-15/2.3 |
| 57 | ROBERT W. GRAHAM | ERNEST LANTZ RONALD LEE ASH RALPH ARNOLD ASH RANDALL DALE ASH AND DORETTA LYNN ASH | P/O 1-15/2 |
| 80 | ROBERT C. & JAMES L. SINCLAIR ROSE MCCGRATH & JAMES T. EDGAR | SANDRA L. SPENCE BARBARA J. DRUCHNIAK PATTY L. BUTERBAUGH RICHARD B. SMITH CHARLES ALAN MCCULLOUGH AND FRED A. MCCULLOUGH DONALD BURL SMITH RONALD CARLETON MOORE JR. CHERYL ANN CALKINS BEN EDWIN SMITH ROY LEE SMITH JEREMY JOE LOPEZ MARIAH FAYE RITTMANN | 1-12/18 1-12/18.2 |
| 83 | ROBERT C. & JAMES L. SINCLAIR | SANDRA L. SPENCE BARBARA J. DRUCHNIAK PATTY L. BUTERBAUGH RICHARD B. SMITH | P/O 1-12/19 |
| 84 | | | |
| 88 | SAMUEL V. ASH & DENISE RULE | A. E. AND CALLIE DOAK | 1-17/4 |

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