

BHL is located on topo map 10,404 feet south of Latitude: 39°25'00"  
 SHL is located on topo map 7,940 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**

BHL is located on topo map 7,494 feet west of Longitude: 80°50'00"  
 SHL is located on topo map 3,419 feet west of Longitude: 80°50'00"



SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
<b>UTM 17-NAD83</b> N:4355984.19 E:513318.27 NAD83, WV NORTH N:313607.742 E:1588062.376 LAT/LON DATUM-NAD83 LAT:39°21'11.521" LON:80°50'43.524"	<b>UTM 17-NAD83</b> N:4356093.18 E:513435.69 NAD83, WV NORTH N:313958.970 E:1588453.683 LAT/LON DATUM-NAD83 LAT:39°21'15.050" LON:80°50'38.610"	<b>UTM 17-NAD83</b> N:4359855.56 E:512069.56 NAD83, WV NORTH N:326380.126 E:1584176.733 LAT/LON DATUM-NAD83 LAT:39°23'17.170" LON:80°51'35.448"



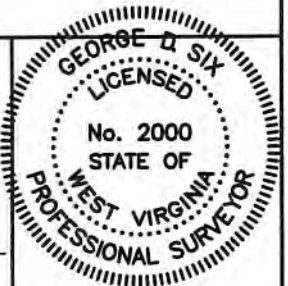
**THRASHER**

CIVIL- ENVIRONMENTAL- CONSULTING- FIELD SERVICES  
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330  
 PHONE (304) 624-4108\* FAX (304) 624-7831

FILE #: SHR 37 GHSM  
 DRAWING #: SHR 37 GHSM  
 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 22, 2019  
 OPERATOR'S WELL #: SHR 37 GHSM  
 API WELL #: 47 95 02669  
 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: 656.084±

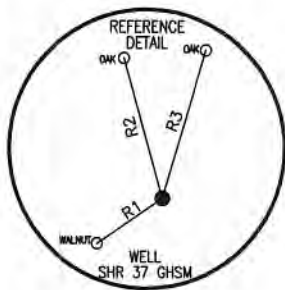
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,302'± TMD: 19,922'±  
 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

*908  
10/29/2019*

# SHR 37 GHSM

## PAGE 2 OF 3



**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 herein. 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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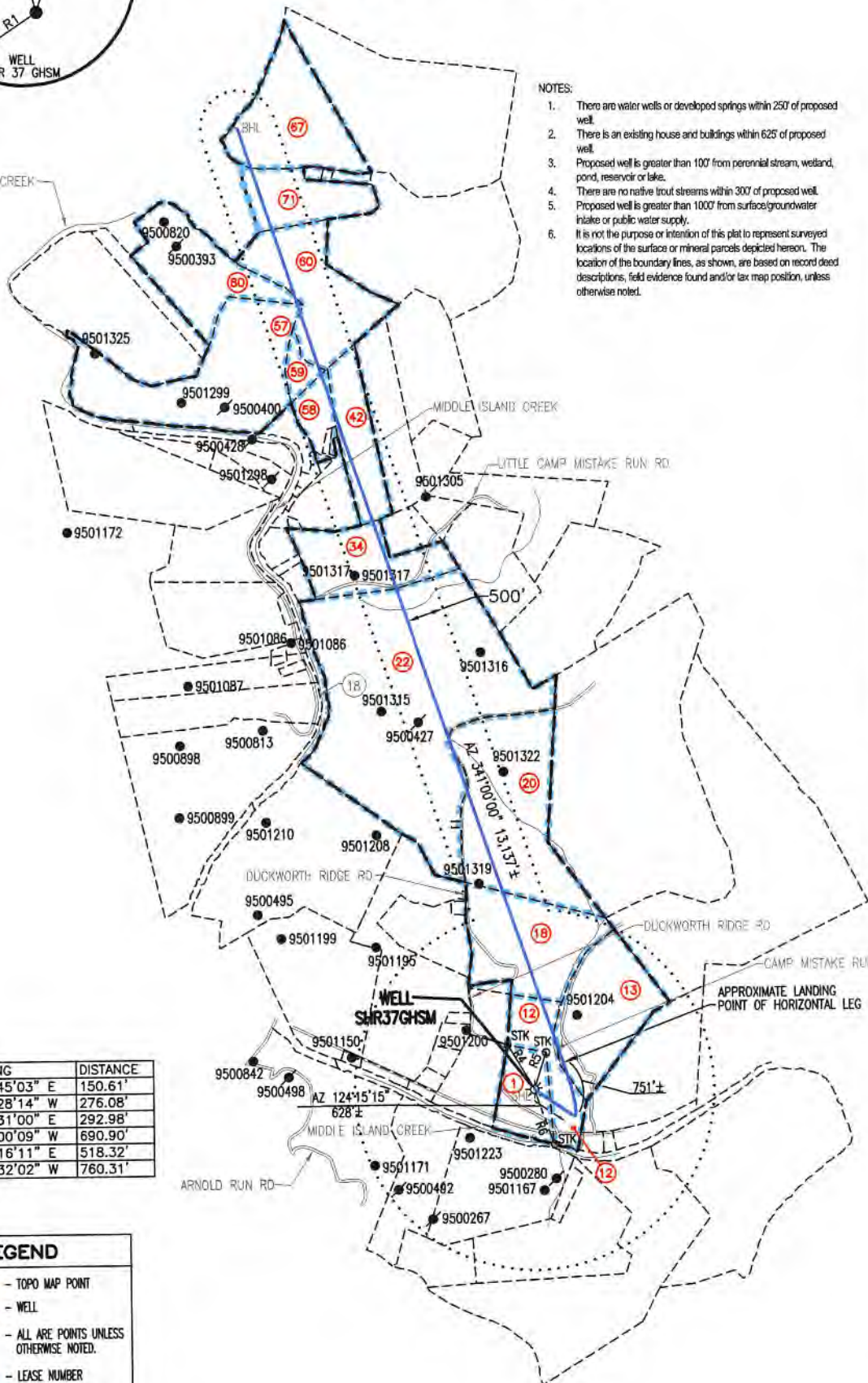
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MIDDLE ISLAND CREEK



LINE	BEARING	DISTANCE
R1	N 55°45'03" E	150.61'
R2	N 15°28'14" W	276.08'
R3	N 16°31'00" E	292.98'
R4	N 31°00'09" W	690.90'
R5	N 18°16'11" E	518.32'
R6	N 19°32'02" W	760.31'

**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

API WELL #: 47 95 02669  
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OCTOBER 22, 2019

*JOB*  
*10/29/2019*

*George D. Six*

# SHR 37 GHSM

## PAGE 3 OF 3

	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
12 18	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	P/O 1-17/6
13	DANNY CARL & PATRICIA J. HARRIS	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	1-18/5
20	MARY J. KAHLER (LIFE)	JACOB C. COTTRILL, ATTORNEY-IN-FACT FOR CHARLES D. COTTRILL HEIRS; JACOB C. COTTRILL AND SHIRLEY A. COTTRILL, H/W	1-15/16
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
34	SANDRA SUE CLARK & CLARENCE D. CLARK & JEFFREY G. CLARK & KEVIN SCOTT CLARK	SANDRA SUE CLARK AND CLARENCE DUANE CLARK, H/W AND MILDRED GREGG SANDRA SUE CLARK AND CLARENCE DUANE CLARK, H/W AND MILDRED GREGG DAVID C. GREGG	1-15/10
42	ROY DEAN ASH & MARY F. CARPENTER	ROY DEAN ASH MARY FRANCES CARPENTER	1-15/3
57	ROBERT W. GRAHAM	ERNEST LANTZ RONALD LEE ASH RALPH ARNOLD ASH RANDALL DALE ASH AND DORETTA LYNN ASH	1-15/2
58	BILL L. LITTLETON	D. RALPH THACKER AND J. MAURICE CARLISLE	1-16/5
59 60	HAROLD D., JR. & SUSAN D. MOORE	ANN ELAINE JONES CASEY AND ERNEST LEE CASEY, W/H	P/O 1-12/24
67	JASON ELDER GENEVA (DENNISON) FOUT LIFE ADAM S. FORRESTER GENEVA (DENNISON) FOUT LIFE	ORA NELSON MOORE AND MARY EDNA MOORE, H/W AND OLETHA MOORE, WIDOW ROSEMARY EAGLE	1-12/21 1-12/21.3 1-12/21.4 1-12/10
71	MARK WILLIAM PIERSON TRUSTEE	WILLIAM BASIL AND KAREN BASIL, H/W	1-12/21.1
80	ROBERT C. & JAMES L. SINCLAIR	SANDRA L. SPENCE BARBARA J. DRUCHNIAK PATTY L. BUTERBAUGH RICHARD B. SMITH CHARLES ALAN MCCULLOUGH AND FREDA MCCULLOUGH DONALD BURL SMITH RONALD CARLETON MOORE JR. CHERYL ANN CALKINS BENNY EDWIN SMITH ROY LEE SMITH JEREMY J. LOPEZ MARIAH F. RITTMAN	1-12/18

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