

BHL is located on topo map 8,819 feet south of Latitude: 39° 42' 30"  
 SHL is located on topo map 5,422 feet south of Latitude: 39° 42' 30"

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
3. There are no native trout streams within 300' of proposed well.
4. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
5. 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.
6. There are no existing buildings within 625' of proposed well.

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83(M)  
 N:4393944.87  
 E:556994.09  
 NAD83, WV NORTH  
 N:435781.460  
 E:1733461.599  
 LAT/LON-NAD83  
 LAT:39°41'36.4084"  
 LON:80°20'06.9811"

**APPROX. LANDING POINT**  
 UTM 17-NAD83(M)  
 N:4394042.52  
 E:557139.09  
 NAD83, WV NORTH  
 N:436093.934  
 E:1733942.723  
 LAT/LON-NAD83  
 LAT:39°41'39.5407"  
 LON:80°20'00.8632"

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83(M)  
 N:4392920.22  
 E:558361.97  
 NAD83, WV NORTH  
 N:432344.205  
 E:1737893.905  
 LAT/LON-NAD83  
 LAT:39°41'02.8413"  
 LON:80°19'09.8781"

**LEGEND**

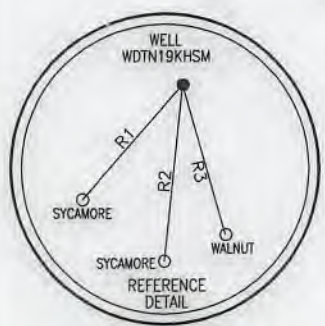
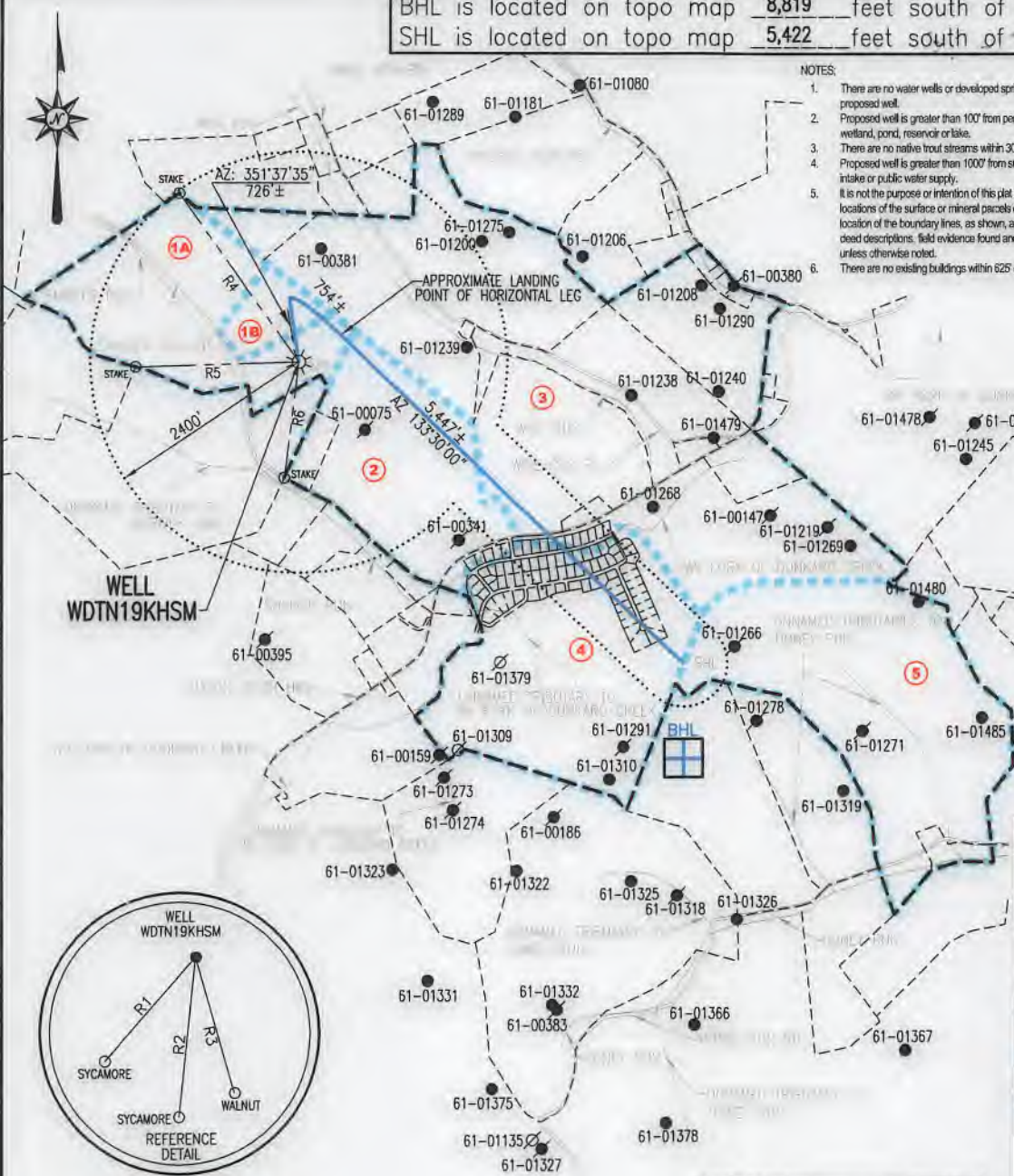
- + TOPO MAP POINT
- ☼ WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ① LESSORS
- - - MINERAL TRACT BOUNDARY
- - - PARCEL LINES
- ▬ LEASE BOUNDARY
- - - WELL REFERENCE
- ▬ PROPOSED HORIZONTAL WELL
- - - ROAD
- - - STREAM CENTER LINE

**EXISTING GAS WELLS**

- EXISTING WELLS
- ⊙ PLUGGED WELLS
- ⊘ ABANDONED WELLS

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| R1   | S 41°31'47" W | 72.95'   |
| R2   | S 05°55'43" W | 84.56'   |
| R3   | S 16°03'17" E | 74.13'   |
| R4   | N 35°32'16" W | 2370.13' |
| R5   | S 88°21'16" W | 1878.07' |
| R6   | S 07°10'14" W | 1330.16' |

SEE PAGE 2 AND 3 FOR SURFACE OWNERS AND LESSORS



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

BHL is located on topo map 8,819 feet south of Latitude: 39° 42' 30"  
 SHL is located on topo map 5,422 feet south of Latitude: 39° 42' 30"  
 7,808 feet west of Longitude: 80° 17' 30"  
 546 feet west of Longitude: 80° 20' 00"

FILE #: WDTN19KHSM  
 DRAWING #: WDTN19KHSM  
 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: JULY 18, 2018  
 OPERATOR'S WELL #: WDTN19KHSM  
 API WELL #: 47 61 01815 HLA  
 STATE COUNTY PERMIT

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

WATERSHED: DUNKARD CREEK ELEVATION: 1264.5'

COUNTY/DISTRICT: MONONGALIA/BATTELLE QUADRANGLE: WADESTOWN, WV 7.5'

SURFACE OWNER: MICHAEL L. BARNHART AND VIRGINIA M. BARNHART, TRUSTEES OF MICHAEL L. BARNHART LIVING TRUST DATED OCTOBER 18, 2004 ACREAGE: 115.000±

OIL & GAS ROYALTY OWNER: THREE RIVERS ROYALTY II, LLC, ET AL. ACREAGE: 915.343±

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: 7,590± TMD: 13,528±

WELL OPERATOR: CNX GAS COMPANY LLC DESIGNATED AGENT: CHRIS TURNER  
 Address: 1000 CONSOL ENERGY DRIVE Address: 1 DOMINION DRIVE  
 City: CANONSBURG State: PA Zip Code: 15317 City: JANE LEW State: WV Zip Code: 26378

# WDTN19KHSM

## PAGE 2 OF 4

|    | SURFACE OWNER   | LESSOR  | DIST-TM/PAR   |
|----|---|---|---|
| 1A | MICHAEL L. BARNHART AND VIRGINIA BARNHART, TRUSTEES OF THE MICHAEL L. BARNHART LIVING TRUST DATED OCTOBER 18, 2004  | THREE RIVERS ROYALTY II, LLC<br>ELIZABETH LUCY MARCH<br>DEBORAH MANNING<br>KATHERINE REW BECKER<br>JACK T. LIVENGOOD AND MARY JO LIVENGOOD<br>SARAH CASEY SHERIDAN<br>A. E. HENNEN III<br>ROBERT DOUGLAS HENNEN<br>MARY HENNEN<br>JOHN K. HENNEN<br>DAVID MICHAEL HENNEN<br>KATHLEEN FARMER<br>DIANE GONCALVES<br>PATRICK NORTH<br>ANNE W. HANING<br>MORGAN HANING<br>BARBARA HANING<br>ZACHARAY C. HANING<br>CATHERINE HANING COLEMAN, FKA CATHERINE G. HANING, A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY<br>GAIL T. BELLUCCI<br>ALMA E. KIRKLAND REVOCABLE LIVING TRUST AGREEMENT, BANK OF OKLAHOMA N.A., SOLE SUCCESSOR TRUSTEE<br>PAMELA ALTOFF (FKA PAMELA BREWER)<br>SHERRY LEMONS<br>MELISSA KUBISCHKE FKA MELLISSA GRAHAM<br>STEPHEN D. KIRKLAND<br>LOUISE KIRKLAND BERG<br>CHRISTINE A. KIRKLAND<br>CATHERINE C. KIRKLAND<br>HUGH KIRKLAND | P/O 1-8/9   |
| 1B | MICHAEL L. BARNHART AND VIRGINIA BARNHART, TRUSTEES OF THE MICHAEL L. BARNHART LIVING TRUST DATED OCTOBER 18, 2004  | THREE RIVERS ROYALTY II, LLC<br>JACK T. LIVENGOOD AND MARY JO LIVENGOOD<br>ELIZABETH LUCY MARCH<br>KATHERINE REW BECKER<br>DEBORAH MANNING  | P/O 1-8/9   |
| 2  | CHESTER E. & BARBARA J. DEBERRY<br>MICHAEL D. TENNANT<br>CNX RCPC LLC   | WILLIAM B. RICHARDSON, JR.  | 1-8/11<br>1-8/11.1<br>1-13/24<br>P/O 1-13/25<br>P/O 1-13B/81<br>P/O 1-13B/82<br>P/O 1-13B/83<br>P/O 1-13B/84<br>P/O 1-13B/85<br>P/O 1-13B/86<br>P/O 1-13B/87  |
| 3  | KENNETH W. & DONNA P. EFAW<br>BARBARA S. & GREGORY L. SHRIVER<br>BARBARA S. SHRIVER<br><br>HOWARD A. SHRIVER ESTATE<br>JAMES A. & PAMELA L. WATSON<br>GREGORY LYNN SHRIVER<br>DONALD L. & LINDA L. WHITE<br>JACKIE & PEGGY SUE WILSON<br><br>ERNEST & LINDA HARKER<br>RANDY DAVID & SANDRA HELMICK<br>MICHAEL TENNANT<br>CONSOLIDATED GAS TRANSMISSION<br><br>WOLF PEN KNOB DEVELOPMENT | S. H. SHIVER AND LUCRETIA SHIVER, HIS WIFE  | 1-8/8<br>1-8/12.1<br>1-8/12<br>1-8/24<br>1-8/24.1<br>1-8/24.2<br>1-8/24.3<br>1-8/25<br>1-8/25.1<br>1-8/25.2<br>1-8/25.3<br>1-8/25.4<br>1-8/36<br>P/O 1-13B/66<br>P/O 1-13B/67<br>P/O 1-13B/68<br>P/O 1-13B/69<br>P/O 1-13B/70<br>P/O 1-8/33<br>P/O 1-8/33.1 |

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