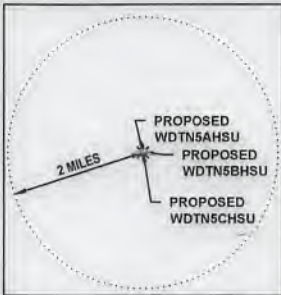


SHL is located on topo map 640 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 10,830 feet south of Latitude: 39° 45' 00"

SHL

SHL is located on topo map 1,060 feet west of Longitude: 80° 20' 00"
 BHL is located on topo map 5,468 feet west of Longitude: 80° 20' 00"



DETAIL
 UTICA WELLS WITHIN 2 MILE RADUIS
 SCALE 1" = 15,000'

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(M)
 N: 4395400.802
 E: 558826.284
 NAD27, WV NORTH
 N: 440530.826
 E: 1764427.453
 LAT/LON - NAD83
 LAT: 39°42'23.671"
 LON: 80°20'13.575"

APPROXIMATE LANDING POINT
 UTM 17 - NAD83(M)
 N: 4395601.605
 E: 556775.394
 NAD27, WV NORTH
 N: 441192.522
 E: 1764271.452
 LAT/LON - NAD83
 LAT: 39°42'30.197"
 LON: 80°20'15.649"

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83(M)
 N: 4396886.550
 E: 555446.854
 NAD27, WV NORTH
 N: 445481.671
 E: 1759982.309
 LAT/LON - NAD83
 LAT: 39°43'12.188"
 LON: 80°21'11.050"

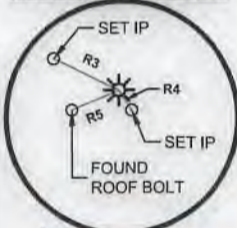
LINE #	BEARING	DISTANCE
R1	S13°33'08"W	929.50'
R2	N67°21'20"E	268.17'
R3	S64°35'32"E	379.02'
R4	N32°50'12"W	123.43'
R5	N67°21'20"E	268.17'

NO DEEP WELLS WITHIN 3000'

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- SPRING
- SURFACE TRACT
- LEASED NUMBER BASED ON ATTACHED WDTN5B
- RECORD GAS WELL
- UNKNOWN WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- LEASE BOUNDARY
- UNIT BOUNDARY
- PROPOSED HORIZONTAL WELL
- SURFACE, OIL & GAS LINES
- SURFACE TRACT LINES ONLY
- GAS LEASE LINES ONLY
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- FORCED POOLING AREAS

REFERENCE DETAIL



Sheffler & Company, Inc.
 ENGINEERING • SURVEYING

1712 Mount Nebo Road Phone: 412-219-4509
 Sewickley, PA 15143 Email: info@shefflerCo.com

MINERAL TRACT BOUNDARY = 590.077 ACRES
 UNIT BOUNDARY = 240.385 ACRES

NOTES:

- There are no water wells or developed springs within 250' of proposed well.
- There are no existing 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, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

FILE #: WDTN5IHSM
 DRAWING #: 3601 - WDTN5B.DWG
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT JX1864: 1,496.32'

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:
 R.P.E.: _____ L.L.S.: P.S. NO. _____



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



DATE: April 3, 2018, Rev. July 18, 2018
 OPERATOR'S WELL #: WDTN5BHSU H6A
 API WELL # 47 061 01806
 STATE COUNTY PERMIT

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

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
 OIL & GAS ROYALTY OWNER: RICHARD W. WISE, ET AL. ACREAGE: 207.36

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

TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: PILOT TVD 13,565' ±, TVD: 13,335' ±, TMD: 19,825' ±
 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



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



DATE: April 3, 2018, Rev. July 18, 2018

OPERATOR'S WELL #: WDTN5BHSU *HWA*

API WELL # 47 061 *01806*
STATE COUNTY PERMIT

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

WATERSHED: DUNKARD CREEK ELEVATION: 1412'
COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
SURFACE OWNER: JOHN M. WISE, ET UX., ET AL. ACREAGE: 207.36
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