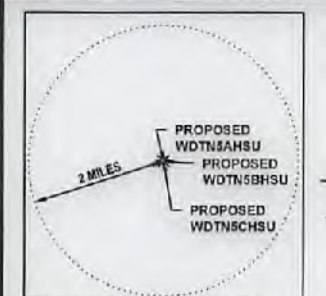


SHL is located on topo map 660 feet south of Latitude: 39° 42' 30"  
 BHL is located on topo map 10,860 feet south of Latitude: 39° 45' 00"

SHL is located on topo map 1,058 feet west of Longitude: 80° 20' 00"  
 BHL is located on topo map 3,612 feet west of Longitude: 80° 20' 00"

09/28/2018



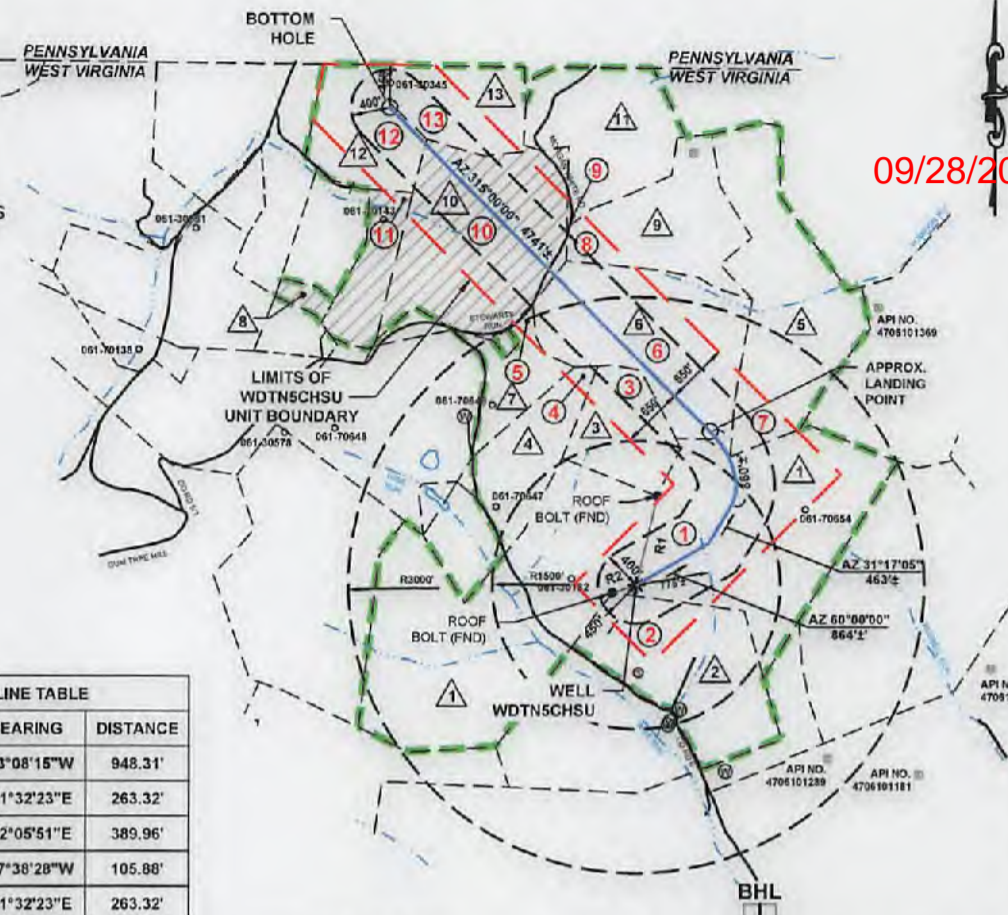
DETAIL  
 UTICA WELLS WITHIN 2 MILE RADIUS  
 SCALE 1" = 15,000'

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83(M)  
 N: 4395394.759  
 E: 556827.076  
 NAD27, WV NORTH  
 N: 440510.955  
 E: 1764429.721  
 LAT/LON - NAD83  
 LAT: 38°42'23.475"  
 LON: 80°20'13.543"

**APPROXIMATE LANDING POINT**  
 UTM 17 - NAD83(M)  
 N: 4395896.340  
 E: 557050.785  
 NAD27, WV NORTH  
 N: 442111.750  
 E: 1765190.691  
 LAT/LON - NAD83  
 LAT: 38°42'39.365"  
 LON: 80°20'03.996"

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17 - NAD83(M)  
 N: 4396890.733  
 E: 555012.314  
 NAD27, WV NORTH  
 N: 445464.425  
 E: 1761838.031  
 LAT/LON - NAD83  
 LAT: 38°43'12.191"  
 LON: 80°20'47.298"

LINE #	BEARING	DISTANCE
R1	S13°08'15"W	948.31'
R2	N71°32'23"E	263.32'
R3	S62°05'51"E	389.96'
R4	N37°38'28"W	105.88'
R5	N71°32'23"E	263.32'

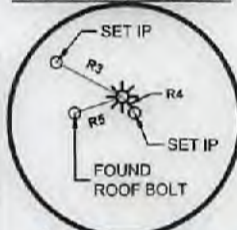


NO DEEP WELLS WITHIN 3000'

**LEGEND**

	TOPO MAP POINT		PROPOSED WELL		WATER SOURCE		SPRING		SURFACE TRACT		LEASED NUMBER BASED ON ATTACHED WDTN5C		RECORD GAS WELL		UNKNOWN WELL		FORCED POOLING AREAS		
	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

REFERENCE DETAIL



Sheffler & Company, Inc.  
 ENGINEERING • SURVEYING

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

MINERAL TRACT BOUNDARY = 673.781 ACRES  
 UNIT BOUNDARY = 233.162 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 - WDTN5C.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: [Signature]  
 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

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: TVD: 13,335' ± TMD: 18,845' ±  
 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

DATE: April 3, 2018, Rev. July 18, 2018  
 OPERATOR'S WELL #: WDTN5CHSU H8A  
 API WELL # 47 061 01807  
 STATE COUNTY PERMIT



WDTN5CHSU UNIT = 233.182 ACRES TOTAL		
BATTELLE DISTRICT		
#	TAX MAP & PARCEL	UNIT ACRES
1	1-8, P/O PARCEL 2	60.461 Ac.
2	1-8, P/O PARCEL 3.1	9.933 Ac.
3	1-8, P/O PARCEL 1.3	12.585 Ac.
4	1-8, P/O PARCEL 1.2	1.323 Ac.
5	1-3, P/O PARCEL 3.1	1.653 Ac.
6	1-3, P/O PARCEL 4	49.978 Ac.
7	1-3, P/O PARCEL 8	8.864 Ac.
8	1-3, P/O PARCEL 5	4.744 Ac.
9	1-3, P/O PARCEL 6	0.574 Ac.
10	1-3, P/O PARCEL 2	46.077 Ac.
11	1-3, P/O PARCEL 2	0.788 Ac.
12	1-2, P/O PARCEL 20	22.145 Ac.
13	1-3, P/O PARCEL 1	16.339 Ac.

**SURFACE TRACT OWNERS & TAX PARCEL**

1.	DINA M WISE ET AL	1-8-2
2.	BARBARA J WAGNER	1-8-3.1
3.	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART	1-8-1.3
4.	DAVID W & ELIZABETH K DEATON	1-8-1.2
5.	JAMES EDWARD & EARL LYNN TAYLOR	1-3-8
6.	JAMES EDWARD & EARL LYNN TAYLOR	1-3-4
7.	STEVEN M MACYDA	1-3-3.1
8.	ROY LEE JR & ERICA E. HALL	1-2-21
9.	DENNIS & ROSE THOMAS	1-3-5
10.	CONSOL MINING COMPANY LLC	1-3-2
11.	DENNIS & ROSE THOMAS	1-3-6
12.	ROY L HALL	1-2-20
13.	CONSOLIDATION COAL COMPANY & CLARK DONLEY STILES	1-3-1

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
1	1-8-2	Richard W. Wise	DINA M WISE ET AL
		Donald Wise	
		Thomas E. McCauley	
		Richard L. McCauley	
		Judy A. Eckman	
		Robert Stewart	
		Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	
		Clifford J. Wise	
		Regina Wise Myers AKA Violet Regina Myers	
		Eleanor J. Wise	
		Walter C. Ord	
		James Freeman Stewart	
		Victor E. Wise	
		Zelda Ruth Brummage	
		Evalee A. Everly Shaheen	
		Dexter Murie Stewart	
		Justin P. Stewart	
		Annette E. Stewart	
		Debora Goff	
		Walter R. Currence	
		Maureen S. Currence	
		Michelle L. Currence	
		Phyllis J. Petrosky	
		Jesse D. Jones	
		Harold M. Jones, Jr.	
		Fred C. Wise and Alice F. Wise	
		Linda Stapp	
		Richard A. Nunley and Diana K. Nunley	
		Patricia J. Mumaw and Richard L. Mumaw	
		Donald E. Nunley	
		Mary Nunley Steplton and Donald Steplton	
		Jane Irons	
		Melissa Bookout	
		Eileen Ann Lyle	
		Robert Eugene Michael, Sr. and Darlene Ann Michael	
		Frank Dennis Michael, Jr. and Mary Frances Michael	
Evelyn June Michael			
Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin			
Boyd Hawkins and Kari J. Hawkins			
Becky Bortnick Hawkins			
2	1-8-3 & 1-8-3.1	Barbara J. Wagner	BARBARA J WAGNER
		Donald L. White, individually and as agent for Helen J. Shriver, Larry L. Shriver, David B. Shriver, Robert A. Shriver, Shannon R. Shriver, George H. Shriver, Anne D. Coon, Harriet E. Rodriguez, Jack L. Shriver, Wilma S. Shriver, Linda L. White, Barbara Sue Shriver, individually and as Trustee of the Shriver Family Trust, and Gregory L. Shriver, Trustee of the Shriver Family Trust	
3	1-8-1.3	CBC Holdings, LLC	EDWARD L THOMAS, DAVID WAYNE & DOROTHY L STEWART
		Edward L. Thomas and Diana Lee Thomas	
		David Wayne Thomas	
		Dorothy L. Stewart and Harold L. Stewart Jr.	
		Earl W. Kennedy	
4	1-8-1.2	CBC Holdings, LLC	DAVID W & ELIZABETH K DEATON
		David W. Deaton and Elizabeth K. Deaton	
5	1-3-3.1	CBC Holdings, LLC	STEVEN M MACYDA
		Steven M. Macyda	
6	1-3-4	James Edward Taylor	JAMES EDWARD & EARL LYNN TAYLOR
		Earl Lynn Taylor	
		Harland Thomas and Rose Marie Thomas	
		David E. Thomas	
7	1-3-8	James Edward Taylor	JAMES EDWARD & EARL LYNN TAYLOR
		Earl Lynn Taylor	
8	1-3-5	Rose Thomas	DENNIS & ROSE THOMAS
		Rose Thomas	
10	1-3-2	David Charles White and Regina Sue White	CONSOL MINING COMPANY LLC
		Lucy Mae Stickle	
		Marian R. Stone Garrett	
		Patricia K. W. Hoekstra	
		Richard H. Benson, II	
		Alvy S. White	
		Anita Talbot	
		Karen I. Meyers	
		Carol S. White Davis	
		Edwin R. White II	
		Robert Tate Jr.	
		Frederick Tate	
		Timothy Tate Jr.	

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 City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378