

SHL is located on topo map 682 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 10,434 feet south of Latitude: 39° 45' 00"



SURFACE TRACT OWNERS & TAX PARCEL

1. DINA M WISE ET AL	TM# 1-8-2
2. BARBARA J. WAGNER	TM# 1-8-3.1
3. BARBARA J. WAGNER	TM#1-9-3
4. HENRY W & LYNDA M AREHEART	TM# 1-8-1
5. HENRY W. & LYNDA M. AREHEART	TM#1-8-1.4
6. GARY L & ARLENE ANN NEELY	TM# 1-8-1.1
7. ROBERT ANTHONY LAUER III	TM# 1-2-16
8. THOMAS M. BARNHOUSE	TM# 1-2-17
9. DELORES J. HARRISON	TM# 1-2-16.2
10. FREDERICK JR. & PATRICIA MORGAN	TM# 1-2-16.1
11. DAVID & NANCY LIMING	TM# 1-2-16.1
12. HUSKIE LUMBER COMPANY INC	TM# 1-2-13



SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83(M)
 N: 4395387.925
 E: 556821.825
 NAD27, WV NORTH
 N: 440488.816
 E: 1764412.118
 LAT/LON - NAD83
 LAT: 39°42'23.255"
 LON: 80°20'13.766"

APPROXIMATE LANDING POINT

UTM 17 - NAD83(M)
 N: 4395202.814
 E: 556554.028
 NAD27, WV NORTH
 N: 439896.067
 E: 1763523.247
 LAT/LON - NAD83
 LAT: 39°42'17.315"
 LON: 80°20'25.069"

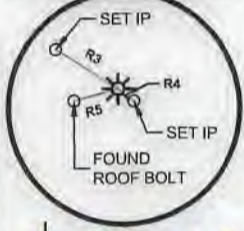
BOTTOM HOLE LOCATION (BHL)

UTM 17 - NAD83(M)
 N: 4396987.265
 E: 554609.656
 NAD27, WV NORTH
 N: 445858.014
 E: 1757240.648
 LAT/LON - NAD83
 LAT: 39°43'15.649"
 LON: 80°21'46.183"

LINE TABLE

LINE #	BEARING	DISTANCE
R1	S13°51'00"W	973.95'
R2	N75°13'27"E	240.10'
R3	S57°57'50"E	385.77'
R4	N53°07'50"W	102.83'
R5	N75°13'27"E	240.10'

REFERENCE DETAIL



Sheffler & Company, Inc.
 ENGINEERING • SURVEYING

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

- 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.

LEGEND

	TOPO MAP POINT		PROPOSED WELL		ALL ARE POINTS UNLESS OTHERWISE NOTED LEASE BOUNDARY
	WATER SOURCE		PROPOSED HORIZONTAL WELL		SURFACE, OIL & GAS LINES
	SPRING		SURFACE TRACT LINES ONLY		GAS LEASE LINES ONLY
	SURFACE TRACT		WELL REFERENCE		STREAM/WATERWAY
	LEASED NUMBER BASED ON ATTACHED VW6A1		ROAD		

WELLS WITHIN 3000'

- RECORD GAS WELL
- UNKNOWN WELL

FILE #: WDTN5HHSM
 DRAWING #: 3601 - WDTN5H.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.: 21452 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

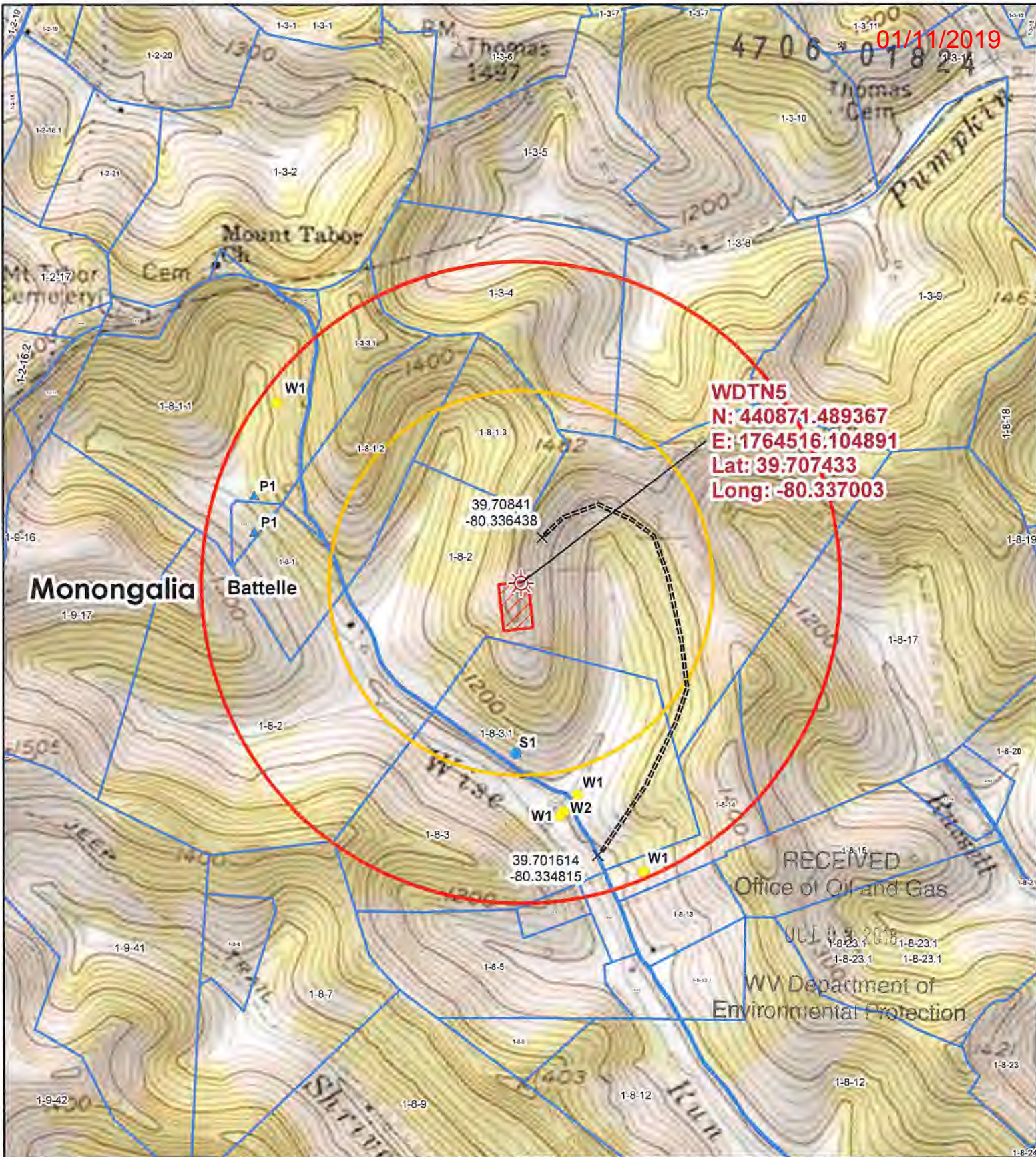
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,715' ± TMD: 16,939' ±
 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: September 21, 2018, Rev. September 24, 2018
 OPERATOR'S WELL #: WDTN5HHSM
 API WELL # 47 061 01824
 STATE COUNTY PERMIT

01/11/2019

01/11/2019



WDTN5
N: 440871.489367
E: 1764516.104891
Lat: 39.707433
Long: -80.337003

39.70841
-80.336438

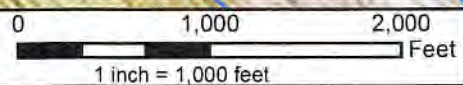
39.701614
-80.334815

RECEIVED
Office of Oil and Gas

WV Department of
Environmental Protection

Legend

- Wellbore
- Wells
- Spring
- Ponds
- Access Points
- Access Road
- 2,500 Foot Buffer
- 1,500 Foot Buffer
- Well Pad
- Surface Parcel



CONSOL ENERGY
CNX Center, Canonsburg, PA

Original Date: 11/13/2017 Prepared By: GIS

Revision Date: 11/13/2017 Approved By: GIS

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Topographic Well Map
WDTN5