

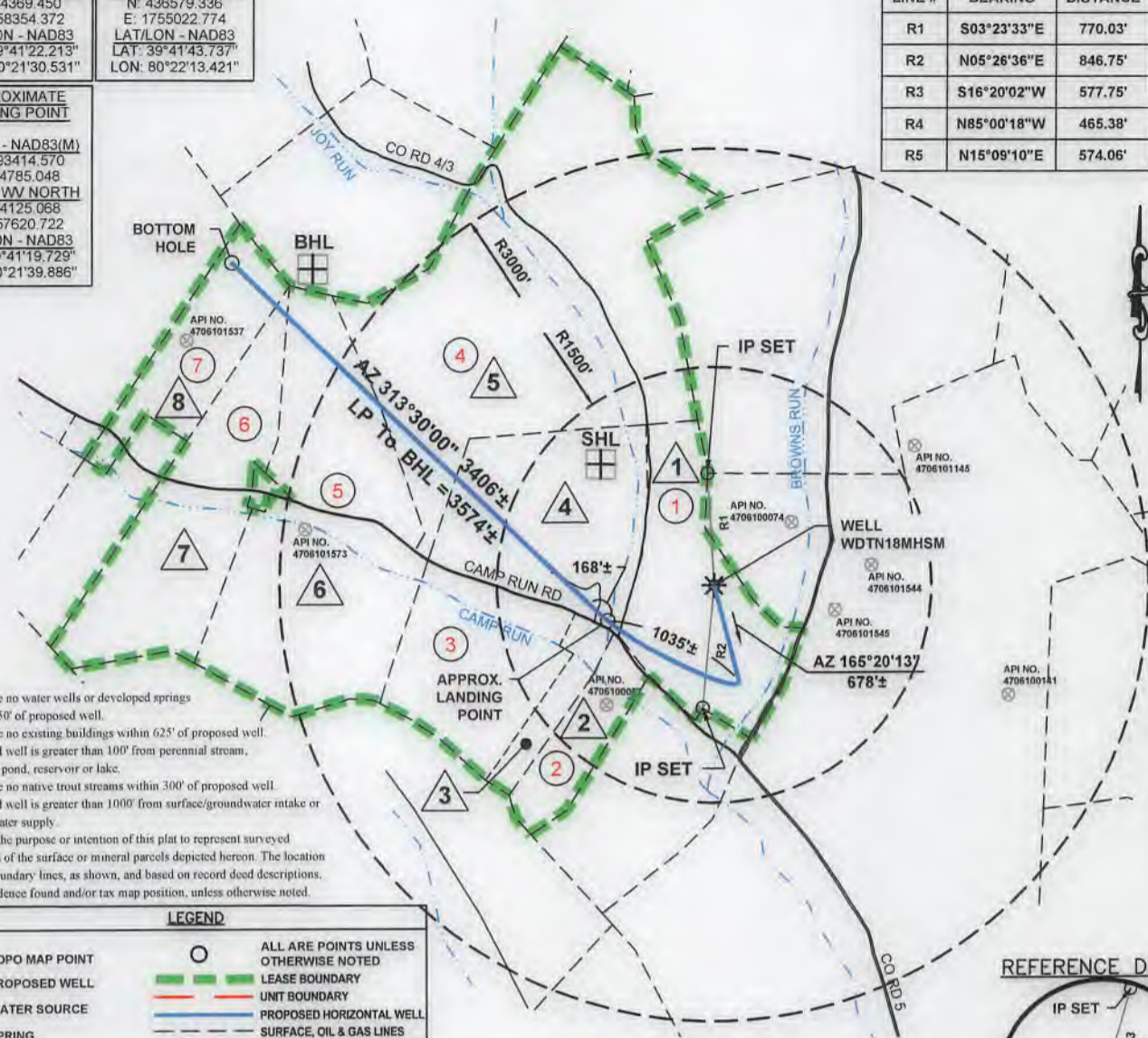
SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83(M)
 N: 4393492.756
 E: 555007.324
NAD27, WV NORTH
 N: 434369.450
 E: 1758354.372
LAT/LON - NAD83
 LAT: 39°41'22.213"
 LON: 80°21'30.531"

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83(M)
 N: 4394149.091
 E: 553981.080
NAD27, WV NORTH
 N: 436579.336
 E: 1755022.774
LAT/LON - NAD83
 LAT: 39°41'43.737"
 LON: 80°22'13.421"

SHL is located on topo map 6,758 feet south of Latitude: 39° 42' 30"
 BHL is located on topo map 4,524 feet south of Latitude: 39° 42' 30"

LINE TABLE		
LINE #	BEARING	DISTANCE
R1	S03°23'33"E	770.03'
R2	N05°26'36"E	846.75'
R3	S16°20'02"W	577.75'
R4	N85°00'18"W	465.38'
R5	N15°09'10"E	574.06'

APPROXIMATE LANDING POINT
 UTM 17 - NAD83(M)
 N: 4393414.570
 E: 554785.048
NAD27, WV NORTH
 N: 434125.068
 E: 1757620.722
LAT/LON - NAD83
 LAT: 39°41'19.729"
 LON: 80°21'39.886"



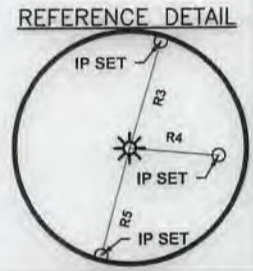
- NOTES
- There are no water wells or developed springs within 250' of proposed well.
 - There are no existing buildings within 625' of proposed well.
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 - There are no native trout streams within 300' of proposed 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		WATER SOURCE		SPRING		SURFACE TRACT		LEASED NUMBER BASED ON ATTACHED WDN18M
	PROPOSED HORIZONTAL WELL		SURFACE, OIL & GAS LINES		SURFACE TRACT LINES ONLY		GAS LEASE LINES ONLY		WELL REFERENCE		STREAM/WATERWAY
	ROAD		LEASE BOUNDARY		UNIT BOUNDARY		FORCED POOLING AREAS		ALL ARE POINTS UNLESS OTHERWISE NOTED		

WELLS WITHIN 3000'
 RECORD GAS WELL
 UNKNOWN WELL

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road
 Sewickley, PA 15143
 Phone: 412-219-4509
 Email: info@shefflerCo.com



FILE #: WDTN18MHSM
 DRAWING #: 3601 - WDTN18M.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



DATE: May 10, 2019
 OPERATOR'S WELL #: WDTN18MHSM
 API WELL # 47 061 1859
 STATE COUNTY PERMIT

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

WATERSHED: DUNKARD CREEK ELEVATION: 1215'
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: WADESTOWN, WV
 SURFACE OWNER: CONSOL MINING COMPANY LLC ACREAGE: 328.11
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC ACREAGE: 328.11

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: 11,774 ±
 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

SHL is located on topo map 7,179 feet west of Longitude: 80° 20' 00"
 BHL is located on topo map 10,494 feet west of Longitude: 80° 20' 00"

Tract ID	Tax Map & Parcel	Grantor, Lessor, etc	Surface Owner
1A	1-9-37	Consol Mining Company LLC	CONSOL MINING COMPANY LLC
2	1-12-6	Terra Firma Company	TERRA FIRMA COMPANY
4	1-12-5 P/O 1-9-36	Bruce Scott Carpenter and Patricia S. Carpenter, h/w Patti Carpenter Bruce P. Carpenter Jeannine Osmanski and Robert E. Osmanski, w/h Larry A. Kerr Martha Sue Kerr	CONSOL MINING COMPANY LLC
5	1-9-33	Consol Mining Company	CONSOL MINING COMPANY LLC
6	1-9-34 1-9-34.1	Consol Mining Company	CONSOL MINING COMPANY LLC
7A, 7B	1-9-35	Consol Mining Company W. James Shannon Nancy Paulovicks Martha Pryor Earlene Owens and Robert Owens, w/h David Allen Jolliffe Lisa Ellen May and Gary A. May, w/h Leon E. Delaney George William Cummins Jr. Mary Ellen Bell Martha Ann Prince Joseph S. Delaney Lee E. Delaney Jeff T. Delaney Michael S. Delaney	CONSOL MINING COMPANY LLC
10	1-9-30	Consol Mining Company	CONSOL MINING COMPANY LLC

SURFACE TRACT OWNERS & TAX PARCEL

1.	CONSOL MINING COMPANY LLC	TM# 1-9-37
2.	TERRA FIRMA COMPANY	TM# 1-12-6
3.	CONSOL MINING COMPANY LLC	TM# 1-12-5
4.	CONSOL MINING COMPANY LLC	TM# 1-9-36
5.	CONSOL MINING COMPANY LLC	TM# 1-9-33
6.	CONSOL MINING COMPANY LLC	TM# 1-9-35
7.	CONSOL MINING COMPANY LLC	TM# 1-9-35
8.	CONSOL MINING COMPANY LLC	TM# 1-9-30

WDTN18MHSM UNIT = 327.077 ACRES TOTAL		
BATTELLE DISTRICT		
#	TAX MAP & PARCEL	UNIT ACRES
1	1-9, P/O PARCEL 37	31.871 Ac.
2	1-12, PARCEL 12	11.147 Ac.
3	1-12, PARCEL 5, 1-9 PARCEL 36	69.403 Ac.
4	1-9, PARCEL 33	98.681 Ac.
5	1-9, P/O PARCEL 35	61.587 Ac.
6	1-9, P/O PARCEL 35	36.174 Ac.
7	1-9, PARCEL 30	18.214 Ac.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
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DATE: May 10, 2019

Well Type: Oil Waste Disposal Production Deep
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API WELL # 47 061
STATE COUNTY PERMIT

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