

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4395388.715
 E: 556827.867
 NAD27, WV NORTH
 N: 440491.084
 E: 1764431.988
 LAT/LON - NAD83
 LAT: N39.7054664
 LON: W80.3370667

Well is located on topo map 680 — feet south of Latitude: 39° 42' 30" SHL

Well is located on topo map 1055 feet west of Longitude: 80° 20' 00"

APPROXIMATE LANDING POINT

UTM 17 - NAD83
 N: 4395437.785
 E: 556635.984
 NAD27, WV NORTH
 N: 440582.613
 E: 1763805.030
 LAT/LON - NAD83
 LAT: N39.7069213
 LON: W80.3393207

BOTTOM HOLE LOCATION (BHL)

UTM 17 - NAD83
 N: 4396103.262
 E: 555923.370
 NAD27, WV NORTH
 N: 442885.319
 E: 1761503.083
 LAT/LON - NAD83
 LAT: N39.7129640
 LON: W80.3475765

LINE TABLE

LINE #	BEARING	DISTANCE
R1	S12°44'17"W	967.18'
R2	N75°51'39"E	269.93'
R3	S69°44'34"E	401.60'
R4	N44°16'57"W	89.34'
R5	N75°51'39"E	269.93'

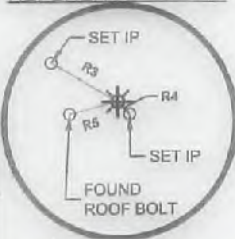
LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- SPRING
- LEASED NUMBER BASED ON ATTACHED WV6A1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD

WELLS WITHIN 3000'

RECORD GAS WELL

REFERENCE DETAIL



Sheffler & Company, Inc.
 ENGINEERING • SURVEYING

1712 Mount Nebo Road
 Sewickley, PA 15143
 Phone: 412-219-4508
 Email: info@shefflerCo.com

NOTES

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. 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 # WDTN5HSM
 DRAWING # 3601 - WDTN5 - SHL - R1.DWG
 SCALE: 1"=1000'
 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: October 5, 2017 - REV November 1, 2017
 OPERATOR'S WELL #: WDTN5HSM
 API WELL # 47 061 01793
 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

02/16/2018

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: 7,830' ± TMD: 11,700' ±
 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

Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
1	1-8-02	189010000	Richard W. Wise	CNX Gas Company, LLC	Not less than 1/8	1516/36
			Donald Wise	CNX Gas Company, LLC	Not less than 1/8	1516/486
			Linda Stapp	CNX Gas Company, LLC	Not less than 1/8	1359/110 & 1601/621
			Opal Jane Wise, Life Estate Holder and John Matthew Wise and Dina M. Wise, Remaindermen	CNX Gas Company, LLC	Not less than 1/8	1520/481
			Richard Nunley	CNX Gas Company, LLC	Not less than 1/8	1597/99
			Patricia Mumaw	CNX Gas Company, LLC	Not less than 1/8	1598/230
			Donald Nunley	CNX Gas Company, LLC	Not less than 1/8	1598/250
			Mary Nunley Stoppelton	CNX Gas Company, LLC	Not less than 1/8	1597/85
			Thomas McCauley	CNX Gas Company, LLC	Not less than 1/8	1442/715
			Richard McCauley	CNX Gas Company, LLC	Not less than 1/8	1442/707
			Judy Eckman	CNX Gas Company, LLC	Not less than 1/8	1442/711
			Clifford J. Wise	CNX Gas Company, LLC	Not less than 1/8	1525/130
			Regina W. Myers	CNX Gas Company, LLC	Not less than 1/8	1450/740
			Eleanor Wise	CNX Gas Company, LLC	Not less than 1/8	1501/809
			Victor E. Wise	CNX Gas Company, LLC	Not less than 1/8	1501/813
			Frederick C. Wise	CNX Gas Company, LLC	Not less than 1/8	1597/89
			Walter C. Ord	CNX Gas Company, LLC	Not less than 1/8	1501/803
			EvaLee A. Everly Shaheen	CNX Gas Company, LLC	Not less than 1/8	1501/321
			Dexter Murle Stewart	CNX Gas Company, LLC	Not less than 1/8	1500/277
			Zelda Ruth Brummage	CNX Gas Company, LLC	Not less than 1/8	1500/752
			James Freeman Stewart	CNX Gas Company, LLC	Not less than 1/8	1501/506
			Justin P. Stewart	CNX Gas Company, LLC	Not less than 1/8	1520/525
			Annette Stewart	CNX Gas Company, LLC	Not less than 1/8	1510/806
			Debra Goff	CNX Gas Company, LLC	Not less than 1/8	1529/256
			Wally Currence	CNX Gas Company, LLC	Not less than 1/8	1524/530
			Maureen Currence	CNX Gas Company, LLC	Not less than 1/8	1520/781
			Michelle Currence	CNX Gas Company, LLC	Not less than 1/8	1528/431
			Robert Stewart	CNX Gas Company, LLC	Not less than 1/8	1516/36
			Phyllis Petrosky	CNX Gas Company, LLC	Not less than 1/8	1510/293
			Jesse D. Jones	CNX Gas Company, LLC	Not less than 1/8	1509/468
			Harold M. Jones	CNX Gas Company, LLC	Not less than 1/8	1511/101
			Jane Irons	CNX Gas Company, LLC	Not less than 1/8	1602/108
			Melissa A. Bookout	CNX Gas Company, LLC	Not less than 1/8	1602/113
Eileen Ann Lyle	CNX Gas Company, LLC	Fee Conveyance	1600/462			
Robert Eugene Michael, Sr. and Darlene Ann Michael	CNX Gas Company, LLC	Fee Conveyance	1599/282			
Frank Dennis Michael, Jr. and Mary Frances Michael	CNX Gas Company, LLC	Fee Conveyance	1599/267			
Evelyn June Michael	CNX Gas Company, LLC	Fee Conveyance	1600/800			
Tanya Chersin a/k/a Tonya Chersin a/k/a Tonya L. Chersin	CNX Gas Company, LLC	Fee Conveyance	1601/148			
Boyd Hawkins and Kari J. Hawkins	CNX Gas Company, LLC	Fee Conveyance	1601/152			
Becky Bortnick Hawkins	CNX Gas Company, LLC	Fee Conveyance	Not yet recorded			
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2	1-8-01.02	205005000	David W. Deaton and Elizabeth K. Deaton	CNX Gas Company, LLC	Not less than 1/8	1459/36
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	129/270
			Noble Energy, Inc	CNX Gas Company, LLC	Assignment	131/339
			CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/875
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	113/458
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	131/292
			Noble Energy, Inc	CNX Gas Company, LLC	Assignment	131/339
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3	1-8-01.05	204774000	Gary L. Neely and Arlene Ann Neely	CNX Gas Company, LLC	Not less than 1/8	1602/835
			CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/875
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	113/458
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	131/292
			Noble Energy, Inc	CNX Gas Company, LLC	Assignment	131/339
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4	1-8-01.01	188587000	Gary L. Neely and Arlene Ann Neely	CNX Gas Company, LLC	Not less than 1/8	1602/835
			CBC Holdings, LLC	CNX Gas Company, LLC	Not less than 1/8	1375/875
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	113/458
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	131/292
			Noble Energy, Inc	CNX Gas Company, LLC	Assignment	131/339
Tract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
5	1-2-22	188584000	Mt. Tabor Methodist Episcopal Church, by its Trustees, Roy L. Hall, Victoria Hall, John L. Miller, Karen Miller, Sonya Miller, Adam Miller, Donald E. Nunley, Barbara Wagner, Lillian Wagner, Beto Gorostieta, Bill Areheart and Lynda Areheart	CNX Gas Company, LLC	Not less than 1/8	1482/11
			CNX Gas Company, LLC	Noble Energy, Inc	Assignment	123/869
			CNX Gas Company, LLC	CNX Gas Company, LLC	Assignment	131/339

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