



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 04/15/2026

Job End Date: 05/15/2026

State: West Virginia

County: Monongalia

API Number: 47-061-01999-00-00

Operator Name: CNX Gas Company LLC

Well Name and Number: WDTN18FHSM

Latitude: 39.69115

Longitude: -80.35828

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 7898

Total Base Water Volume (gal)*: 34749792

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	84.29309
Crystalline Silica in the form of Quartz	14808-60-7	15.58758
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03152
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03152
Glutaraldehyde	111-30-8	0.01066
Hydrogen chloride	7647-01-0	0.00417
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00394
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	0.00383
Didecyldimethylammonium Chloride	7173-51-5	0.00328
AA/AMPS Copolymer	40623-75-4	0.00136
Polyoxyethylene Coconut Amine Des Quat	68071-91-0	0.00136
Tetrakis (hydroxymethyl)phosphonium chloride	124-64-1	0.00136
Choline Chloride	67-48-1	0.00039
AA/ATBS Co-polymer	9003-05-8	0.00015
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00015
Didecyl dimethyl ammonium chloride	7173-51-5	0.00012
Quaternary Ammonium Compounds	68424-85-1	0.00012
Ethanol	64-17-5	0.00012
Citric acid	77-92-9	0.00004
Methyl alcohol	67-56-1	0.00004
Formaldehyde	7173-51-5	0.00002
Ethylene glycol	107-21-1	0.00001
N,N-Dimethylformamide	68-12-2	0.00001
2-Butoxyethanol	111-76-2	0.00000
Cinnamaldehyde	104-55-2	0.00000
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00000
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00000



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 04/16/2026

Job End Date: 05/15/2026

State: West Virginia

County: Monongalia

API Number: 47-061-02000-00-00

Operator Name: CNX Gas Company LLC

Well Name and Number: WDTN18GHSM

Latitude: 39.69115

Longitude: -80.35828

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 7912

Total Base Water Volume (gal)*: 35521164

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	84.17647
Crystalline Silica in the form of Quartz	14808-60-7	15.70679
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03080
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03080
Glutaraldehyde	111-30-8	0.01068
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	0.00388
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00385
Hydrogen chloride	7647-01-0	0.00380
Didecyldimethylammonium Chloride	7173-51-5	0.00333
AA/AMPS Copolymer	40623-75-4	0.00139
Polyoxyethylene Coconut Amine Des Quat	68071-91-0	0.00139
Tetrakis (hydroxymethyl)phosphonium chloride	124-64-1	0.00139
Choline Chloride	67-48-1	0.00042
AA/ATBS Co-polymer	9003-05-8	0.00013
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00013
Ethanol	64-17-5	0.00011
Didecyl dimethyl ammonium chloride	7173-51-5	0.00011
Quaternary Ammonium Compounds	68424-85-1	0.00011
Citric acid	77-92-9	0.00004
Methyl alcohol	67-56-1	0.00004
Formaldehyde	7173-51-5	0.00002
Ethylene glycol	107-21-1	0.00001
N,N-Dimethylformamide	68-12-2	0.00001
2-Butoxyethanol	111-76-2	0.00000
Cinnamaldehyde	104-55-2	0.00000
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00000
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00000



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 04/16/2026

Job End Date: 05/15/2026

State: West Virginia

County: Monongalia

API Number: 47-061-02001-00-00

Operator Name: CNX Gas Company LLC

Well Name and Number: WDTN18HHSM

Latitude: 39.69115

Longitude: -80.35828

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 7883

Total Base Water Volume (gal)*: 36115926

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	84.12311
Crystalline Silica in the form of Quartz	14808-60-7	15.76136
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03054
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03054
Glutaraldehyde	111-30-8	0.01067
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	0.00388
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00382
Hydrogen chloride	7647-01-0	0.00360
Didecyldimethylammonium Chloride	7173-51-5	0.00332
AA/AMPS Copolymer	40623-75-4	0.00140
Polyoxyethylene Coconut Amine Des Quat	68071-91-0	0.00140
Tetrakis (hydroxymethyl)phosphonium chloride	124-64-1	0.00140
Choline Chloride	67-48-1	0.00038
AA/ATBS Co-polymer	9003-05-8	0.00013
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00013
Ethanol	64-17-5	0.00011
Didecyl dimethyl ammonium chloride	7173-51-5	0.00011
Quaternary Ammonium Compounds	68424-85-1	0.00011
Citric acid	77-92-9	0.00004
Methyl alcohol	67-56-1	0.00004
Formaldehyde	7173-51-5	0.00002
Ethylene glycol	107-21-1	0.00001
N,N-Dimethylformamide	68-12-2	0.00001
2-Butoxyethanol	111-76-2	0.00000
Cinnamaldehyde	104-55-2	0.00000
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00000
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00000



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 03/26/2026

Job End Date: 05/19/2026

State: West Virginia

County: Monongalia

API Number: 47-061-02002-00-00

Operator Name: CNX Gas Company LLC

Well Name and Number: WDTN18JHSM

Latitude: 39.69115

Longitude: -80.35828

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 7886

Total Base Water Volume (gal)*: 25839618

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	83.73119
Crystalline Silica in the form of Quartz	14808-60-7	16.13379
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03485
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03485
Glutaraldehyde	111-30-8	0.01281
Hydrogen chloride	7647-01-0	0.00662
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00436
Didecyl dimethyl ammonium chloride	7173-51-5	0.00148
Quaternary Ammonium Compounds	68424-85-1	0.00148
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	0.00115
Didecyldimethylammonium Chloride	7173-51-5	0.00097
Ethanol	64-17-5	0.00076
AA/ATBS Co-polymer	9003-05-8	0.00066
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00066
AA/AMPS Copolymer	40623-75-4	0.00044
Polyoxyethylene Coconut Amine Des Quat	68071-91-0	0.00044
Tetrakis (hydroxymethyl)phosphonium chloride	124-64-1	0.00044
Citric acid	77-92-9	0.00007
Methyl alcohol	67-56-1	0.00007
Ethylene glycol	107-21-1	0.00002
N,N-Dimethylformamide	68-12-2	0.00001
Formaldehyde	7173-51-5	0.00001
2-Butoxyethanol	111-76-2	0.00000
Cinnamaldehyde	104-55-2	0.00000
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00000
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00000
Choline Chloride	67-48-1	0.00000



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 03/26/2026

Job End Date: 05/19/2026

State: West Virginia

County: Monongalia

API Number: 47-061-02003-00-00

Operator Name: CNX Gas Company LLC

Well Name and Number: WDTN18KHSM

Latitude: 39.69115

Longitude: -80.35828

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 7871

Total Base Water Volume (gal)*: 25919082

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	83.92712
Crystalline Silica in the form of Quartz	14808-60-7	15.93164
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03605
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03605
Glutaraldehyde	111-30-8	0.01289
Hydrogen chloride	7647-01-0	0.00768
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00451
Didecyl dimethyl ammonium chloride	7173-51-5	0.00151
Quaternary Ammonium Compounds	68424-85-1	0.00151
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	0.00110
Didecyldimethylammonium Chloride	7173-51-5	0.00093
Ethanol	64-17-5	0.00077
AA/ATBS Co-polymer	9003-05-8	0.00067
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00067
AA/AMPS Copolymer	40623-75-4	0.00042
Polyoxyethylene Coconut Amine Des Quat	68071-91-0	0.00042
Tetrakis (hydroxymethyl)phosphonium chloride	124-64-1	0.00042
Citric acid	77-92-9	0.00008
Methyl alcohol	67-56-1	0.00008
Ethylene glycol	107-21-1	0.00002
N,N-Dimethylformamide	68-12-2	0.00001
2-Butoxyethanol	111-76-2	0.00001
Cinnamaldehyde	104-55-2	0.00001
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00001
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00001
Formaldehyde	7173-51-5	0.00001



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 03/26/2026

Job End Date: 04/13/2026

State: West Virginia

County: Monongalia

API Number: 47-061-02004-00-00

Operator Name: CNX Gas Company LLC

Well Name and Number: WDTN18VHSM

Latitude: 39.69115

Longitude: -80.35828

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 7856

Total Base Water Volume (gal)*: 20105946

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	84.00321
Crystalline Silica in the form of Quartz	14808-60-7	15.84479
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03827
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03827
Glutaraldehyde	111-30-8	0.01371
Hydrogen chloride	7647-01-0	0.00949
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00478
Didecyl dimethyl ammonium chloride	7173-51-5	0.00206
Quaternary Ammonium Compounds	68424-85-1	0.00206
Ethanol	64-17-5	0.00103
AA/ATBS Co-polymer	9003-05-8	0.00092
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00092
Citric acid	77-92-9	0.00010
Methyl alcohol	67-56-1	0.00010
Ethylene glycol	107-21-1	0.00003
N,N-Dimethylformamide	68-12-2	0.00001
2-Butoxyethanol	111-76-2	0.00001
Cinnamaldehyde	104-55-2	0.00001
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00001
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00001
AA/AMPS Copolymer	40623-75-4	0.00000
Choline Chloride	67-48-1	0.00000
Didecyldimethylammonium Chloride	7173-51-5	0.00000
Formaldehyde	7173-51-5	0.00000
Polyoxyethylene Coconut Amine Des Quat	68071-91-0	0.00000
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	68424-85-1	0.00000
Tetrakis (hydroxymethyl)phosphonium chloride	124-64-1	0.00000