



northeast
NATURAL ENERGY

October 6, 2016

WV Department of Environmental Protection
Office of Oil and Gas Management
601 57th Street, SE
Charleston, WV 25304-2345

RE: WR-35 Form for:
API #'s 47-061-01700
Clay District, Monongalia County, West Virginia

To Whom It May Concern:

Please find enclosed Northeast Natural Energy LLC's Final Well Operator's Report of Well Work Forms (WR-35) for the drilling portion of its' Campbell 6H well (API #47-061-01700).

Should you have any questions please feel free to contact me at 304-212-0422 or by email at hmedley@nne-llc.com.

Sincerely,

Hollie M. Medley
Regulatory Coordinator

RECEIVED
Office of Oil and Gas
OCT 11 2016
WV Department of
Environmental Protection

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-061-01700 County Monongalia District Clay
Quad Blacksville, WV Pad Name Campbell Field/Pool Name _____
Farm name Ellen F. Campbell Well Number 6H
Operator (as registered with the OOG) Northeast Natural Energy, LLC
Address 707 Virginia Street East, Suite 1200 City Charleston State WV Zip 25301

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4394747.4 Easting 569986.7
Landing Point of Curve Northing 4394803.8 Easting 570307.9
Bottom Hole Northing 4393092.5 Easting 571636.1

Elevation (ft) 1,293.6' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Synthetic Based Mud- Horizontal Section: BIO-BASE 365, CALCIUM CHLORIDE POWDER, G-SEAL PLUS, HRP, LIME, M-I WATE (BARITE), M-I-X II MEDIUM,
MEGADRIL P SYSTEM, MEGADRIL P SYSTEM RENTAL, MEGAMUL, SAFE-CARB 250, VERSATHIN HF, VERSAWET, VG-PLUS, VINSEAL MEDIUM, WALNUT NUT PLUG MEDIUM

Date permit issued 03/03/2015 Date drilling commenced 08/19/2015 Date drilling ceased 01/21/2016
Date completion activities began 07/29/2016 Date completion activities ceased 08/12/2016
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 1,190' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2,000' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 200' ; 940' Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N

APPROVED

NAME: Gary J. Kuba
DATE: 2/3/2017

Reviewed by: _____

API 47-061 - 01700 Farm name Ellen F. Campbell Well number 6H

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade wt/ft | Basket Depth(s) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|-----------|---------------------|---------|-------------|-------------|-----------------|--|
| Conductor | 30 | 24 | 50' | N | N/A | N/A | Y to surface |
| Surface | 17.5 | 13-3/8 | 1,266' | N | 54.5 | N/A | Y 37 bbl return |
| Coal | | | | | | | |
| Intermediate 1 | 12.25 | 9-5/8 | 2,381' | N | 40 | N/A | Y 27 bbl return |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 8.5 | 5-1/2 | 15,952' | N | 20 | N/A | Estimated top 2000' |
| Tubing | | 2-3/8 | 8,643 | N | 4.7 | N/A | N/A |
| Packer type and depth set | | No packer utilized. | | | | | |

Comment Details _____

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (MD) | WOC (hrs) |
|----------------|--|-----------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | 4,500 psi ready mix | 36.4 | | .75 | 27.27 | CTS | 48 |
| Surface | Class A | 1,054 | 15.2 | 1.27 | 1,271 | CTS | 8 |
| Coal | | | | | | | |
| Intermediate 1 | Class A | 889 | 15.2 | 1.26 | 1,074 | CTS | 8 |
| Intermediate 2 | | | | | | | |
| Intermediate 3 | | | | | | | |
| Production | 50/50 Premium NE - 1.3% R-3.3% MPA 170 | 2,804 | 14.5 | 1.17 | 2,661 | CTS | 48 |
| Tubing | | | | | | | |

Drillers TD (ft) 15,958' Loggers TD (ft) 15,933'
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure _____

Kick off depth (ft) 6,950'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

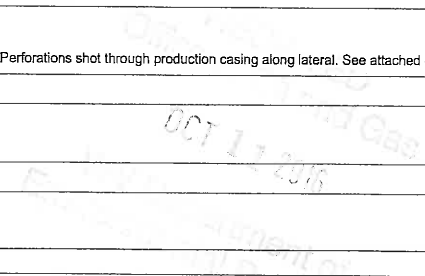
Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
Surface: bow spring centralizers every 3rd joint or aprox 120'
Intermediate: bow spring centralizers every 3rd joint or aprox 120'
Production: Hard bodied spiral centralizers every other joint or aprox 80' from TD to KOP then bow spring from KOP to 9 5/8" every forth joint or aprox 140'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS Perforations shot through production casing along lateral. See attached documentation.

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____



API 47- 061 - 01700 Farm name Ellen F. Campbell Well number 6H

PERFORATION RECORD

| Stage No. | Perforation date | Perforated from MD ft. | Perforated to MD ft. | Number of Perforations | Formation(s) |
|-----------|------------------|------------------------|----------------------|------------------------|-----------------------|
| | | | | | Please see attachment |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

| Stage No. | Stimulations Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|-----------|-------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| | | | | | | Please | see | attachment |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Please insert additional pages as applicable.

API 47- 061 - 01700 Farm name Ellen F. Campbell Well number 6H

| PRODUCING FORMATION(S) | DEPTHS | |
|------------------------|---------------|------------|
| Marcellus | 8,159.32' TVD | 15,958' MD |
| | | |
| | | |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3876 psi Bottom Hole _____ psi DURATION OF TEST 48 hrs

OPEN FLOW Gas 4480 mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

| LITHOLOGY/ FORMATION | TOP | BOTTOM | TOP | BOTTOM | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC) |
|-------------------------|-------------------------|--------------------|-------------------|-------------------|--|
| | DEPTH IN FT NAME TVD | DEPTH IN FT TVD | DEPTH IN FT MD | DEPTH IN FT MD | |
| | 0 | | 0 | | Please See Attachment |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Please insert additional pages as applicable.

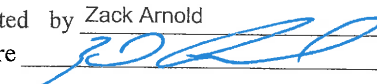
Drilling Contractor Nabors
Address CO Rd 7 City Jane Lew State WV Zip 26378

Logging Company KLX Energy Services
Address 6072 W. Veterans Memorial Highway City Bridgeport State WV Zip 26330

Cementing Company Schlumberger
Address 1080 US 33 City Weston State WV Zip 26452

Stimulating Company C&J Energy Services
Address 1650 Hackers Creek Road City Jane Lew State WV Zip 26378

Please insert additional pages as applicable.

Completed by Zack Arnold Telephone 304-212-0437
Signature  Title General Manager - Operations Date 6 OCT 2016

Perforation Record

| Stage Number | Report Date | Perforated from MD ft | Perforated to MD ft | Number of Perforations | Formation |
|--------------|-------------|-----------------------|---------------------|------------------------|-----------------|
| 1 | 7/29/2016 | 15,890 | 15,727 | 40 | Marcellus Shale |
| 2 | 7/29/2016 | 15,689 | 15,527 | 40 | Marcellus Shale |
| 3 | 7/30/2016 | 15,488 | 15,326 | 40 | Marcellus Shale |
| 4 | 7/30/2016 | 15,288 | 15,125 | 40 | Marcellus Shale |
| 5 | 7/31/2016 | 15,087 | 14,924 | 40 | Marcellus Shale |
| 6 | 7/31/2016 | 14,886 | 14,724 | 40 | Marcellus Shale |
| 7 | 7/31/2016 | 14,686 | 14,523 | 40 | Marcellus Shale |
| 8 | 8/1/2016 | 14,485 | 14,322 | 40 | Marcellus Shale |
| 9 | 8/1/2016 | 14,284 | 14,122 | 40 | Marcellus Shale |
| 10 | 8/2/2016 | 14,083 | 13,921 | 40 | Marcellus Shale |
| 11 | 8/2/2016 | 13,883 | 13,720 | 40 | Marcellus Shale |
| 12 | 8/3/2016 | 13,682 | 13,519 | 40 | Marcellus Shale |
| 13 | 8/3/2016 | 13,481 | 13,319 | 40 | Marcellus Shale |
| 14 | 8/4/2016 | 13,281 | 13,118 | 40 | Marcellus Shale |
| 15 | 8/4/2016 | 13,080 | 12,917 | 40 | Marcellus Shale |
| 16 | 8/5/2016 | 12,879 | 12,716 | 40 | Marcellus Shale |
| 17 | 8/5/2016 | 12,678 | 12,516 | 40 | Marcellus Shale |
| 18 | 8/5/2016 | 12,478 | 12,315 | 40 | Marcellus Shale |
| 19 | 8/6/2016 | 12,277 | 12,114 | 40 | Marcellus Shale |
| 20 | 8/6/2016 | 12,076 | 11,914 | 40 | Marcellus Shale |
| 21 | 8/7/2016 | 11,875 | 11,711 | 40 | Marcellus Shale |
| 22 | 8/7/2016 | 11,672 | 11,512 | 40 | Marcellus Shale |
| 23 | 8/7/2016 | 11,474 | 11,311 | 40 | Marcellus Shale |
| 24 | 8/7/2016 | 11,273 | 11,111 | 40 | Marcellus Shale |
| 25 | 8/9/2016 | 11,073 | 10,910 | 40 | Marcellus Shale |
| 26 | 8/9/2016 | 10,872 | 10,709 | 40 | Marcellus Shale |
| 27 | 8/9/2016 | 10,671 | 10,509 | 40 | Marcellus Shale |
| 28 | 8/10/2016 | 10,470 | 10,308 | 40 | Marcellus Shale |
| 29 | 8/10/2016 | 10,270 | 10,107 | 40 | Marcellus Shale |
| 30 | 8/10/2016 | 10,069 | 9,906 | 40 | Marcellus Shale |
| 31 | 8/11/2016 | 9,868 | 9,708 | 40 | Marcellus Shale |
| 32 | 8/11/2016 | 9,667 | 9,505 | 40 | Marcellus Shale |
| 33 | 8/11/2016 | 9,467 | 9,304 | 40 | Marcellus Shale |
| 34 | 8/12/2016 | 9,266 | 9,103 | 40 | Marcellus Shale |
| 35 | 8/12/2016 | 9,065 | 8,903 | 40 | Marcellus Shale |
| 36 | 8/12/2016 | 8,865 | 8,702 | 40 | Marcellus Shale |

Stimulation Record

| Stage Number | Report Date | Avg Treating Rate (BPM) | Avg Treating Pressure (psi) | Breakdown Pressure (psi) | iSIP (psi) | Total Proppant Amount (lbs) | Total Clean Fluid (Bbls) |
|--------------|-------------|-------------------------|-----------------------------|--------------------------|------------|-----------------------------|--------------------------|
| 1 | 7/29/2016 | 77 | 9,437 | 7,299 | 5,578 | 399,700 | 8,525 |
| 2 | 7/29/2016 | 78 | 9,344 | 7,205 | 5,501 | 400,600 | 7,558 |
| 3 | 7/30/2016 | 81 | 9,299 | 7,535 | 5,687 | 400,600 | 7,505 |
| 4 | 7/30/2016 | 77 | 9,406 | 7,587 | 5,801 | 400,500 | 8,266 |
| 5 | 7/31/2016 | 74 | 9,394 | 8,408 | 6,076 | 403,600 | 8,056 |
| 6 | 7/31/2016 | 78 | 9,380 | 7,882 | 6,158 | 400,800 | 8,166 |
| 7 | 7/31/2016 | 75 | 9,357 | 7,856 | 5,831 | 400,240 | 7,592 |
| 8 | 8/1/2016 | 82 | 9,140 | 7,183 | 5,915 | 400,900 | 8,471 |
| 9 | 8/1/2016 | 74 | 9,399 | 7,734 | 6,260 | 401,100 | 7,644 |
| 10 | 8/2/2016 | 80 | 9,414 | 8,311 | 5,432 | 400,500 | 7,800 |
| 11 | 8/2/2016 | 78 | 9,359 | 8,209 | 6,430 | 401,000 | 7,639 |
| 12 | 8/3/2016 | 78 | 9,407 | 7,599 | 5,929 | 401,200 | 8,153 |
| 13 | 8/3/2016 | 81 | 9,515 | 8,149 | 5,669 | 400,100 | 7,235 |
| 14 | 8/4/2016 | 84 | 9,533 | 7,919 | 5,276 | 401,700 | 7,473 |
| 15 | 8/4/2016 | 88 | 9,511 | 7,795 | 5,621 | 401,700 | 7,448 |
| 16 | 8/5/2016 | 87 | 9,551 | 7,524 | 5,786 | 398,400 | 8,643 |
| 17 | 8/5/2016 | 88 | 9,457 | 7,896 | 5,781 | 402,440 | 8,207 |
| 18 | 8/5/2016 | 82 | 9,452 | 8,091 | 5,670 | 400,900 | 7,961 |
| 19 | 8/6/2016 | 87 | 9,432 | 7,955 | 5,406 | 401,200 | 7,227 |
| 20 | 8/6/2016 | 84 | 9,468 | 8,437 | 5,483 | 402,500 | 7,603 |
| 21 | 8/7/2016 | 86 | 9,648 | 8,524 | 5,679 | 399,900 | 7,542 |
| 22 | 8/7/2016 | 87 | 9,404 | 8,083 | 6,159 | 400,300 | 7,180 |
| 23 | 8/7/2016 | 90 | 9,715 | 7,785 | 6,674 | 400,700 | 7,167 |
| 24 | 8/7/2016 | 86 | 9,390 | 6,339 | 6,228 | 299,100 | 7,418 |
| 25 | 8/9/2016 | 91 | 9,576 | 7,533 | 5,459 | 301,600 | 5,699 |
| 26 | 8/9/2016 | 88 | 9,427 | 8,257 | 5,876 | 301,400 | 5,707 |
| 27 | 8/9/2016 | 91 | 9,497 | 8,188 | 6,011 | 300,500 | 5,753 |
| 28 | 8/10/2016 | 90 | 9,481 | 8,157 | 6,243 | 300,700 | 5,568 |
| 29 | 8/10/2016 | 90 | 9,390 | 7,933 | 5,445 | 300,300 | 5,768 |
| 30 | 8/10/2016 | 87 | 9,352 | 8,017 | 5,248 | 300,300 | 5,681 |
| 31 | 8/11/2016 | 88 | 9,380 | 8,311 | 5,708 | 299,800 | 5,649 |
| 32 | 8/11/2016 | 88 | 8,542 | 7,875 | 5,323 | 300,200 | 4,987 |
| 33 | 8/11/2016 | 81 | 9,278 | 7,652 | 4,982 | 300,300 | 6,602 |
| 34 | 8/12/2016 | 82 | 8,704 | 8,164 | 5,382 | 300,400 | 5,950 |
| 35 | 8/12/2016 | 81 | 8,902 | 8,246 | 5,407 | 300,700 | 5,861 |
| 36 | 8/12/2016 | 81 | 9,047 | 8,345 | 5,117 | 301,100 | 5,521 |

Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|---------------------------------|------------------------------|
| Job Start Date: | 7/29/2016 |
| Job End Date: | 8/12/2016 |
| State: | West Virginia |
| County: | Monongalia |
| API Number: | 47-061-01700-00-00 |
| Operator Name: | Northeast Natural Energy LLC |
| Well Name and Number: | Campbell 6H |
| Latitude: | 39.69971100 |
| Longitude: | -80.18366600 |
| Datum: | NAD83 |
| Federal Well: | NO |
| Indian Well: | NO |
| True Vertical Depth: | 8,211 |
| Total Base Water Volume (gall): | 11,119,920 |
| Total Base Non Water Volume: | 0 |



Hydraulic Fracturing Fluid Composition:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|------------|------------------------------|---------------|-------------|--|--|--|----------|
| Water | Northeast Natural Energy LLC | Carrier Fluid | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 86.88204 | |
| BR-11 | C&J Well Services | Gel Breakers | | | | | |
| | | | | Listed Below | | | |

| | | | | | | | | |
|---------------------------|-------------------|----------------------------|--|--------------|--|--|--|--|
| EC6486A | Nalco-Champion | Scale Inhibitor | | | | | | |
| | | | | Listed Below | | | | |
| K-139 | Nalco-Champion | Microbial Control | | | | | | |
| | | | | Listed Below | | | | |
| FR-18 | C&J Well Services | Friction Reducer | | | | | | |
| | | | | Listed Below | | | | |
| HC-7.5 | C&J Well Services | Bulk Acid | | | | | | |
| | | | | Listed Below | | | | |
| GA-6A | C&J Well Services | Gelling Agents | | | | | | |
| | | | | Listed Below | | | | |
| PA Specific 100 mesh Sand | C&J Well Services | Sand - Bulk - Pennsylvania | | | | | | |
| | | | | Listed Below | | | | |
| CI-3 | C&J Well Services | Acid Corrosion Inhibitors | | | | | | |
| | | | | Listed Below | | | | |
| BR-7 | C&J Well Services | Gel Breakers | | | | | | |
| | | | | Listed Below | | | | |
| HC-15 | C&J Well Services | Bulk Acid | | | | | | |
| | | | | Listed Below | | | | |

| | | | | | | | | |
|---|----------------------|--|-------------|-----------|--------------|--|---------|--|
| PA Specific 40/70 mesh Sand | C&J Well Services | Sand - Bulk - Pennsylvania | | | Listed Below | | | |
| K-139 | Nalco-Champion | Microbial Control | | | Listed Below | | | |
| Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients. | | | | | | | | |
| | | Crystalline Silica, quartz | 14808-60-7 | 99.90000 | | | 9.16562 | |
| | | Crystalline Silica, quartz | 14808-60-7 | 99.90000 | | | 3.12066 | |
| | | Water | 7732-18-5 | 85.00000 | | | 0.42201 | |
| | | Water | 7732-18-5 | 92.50000 | | | 0.22033 | |
| | | Aluminum Oxide | 1344-28-1 | 1.10000 | | | 0.10092 | |
| | | Hydrochloric Acid | 7647-01-0 | 15.00000 | | | 0.07447 | |
| | | Aluminum Oxide | 1344-28-1 | 1.10000 | | | 0.03436 | |
| | | Distillates (Petroleum), Hydrotreated Light | 64742-47-8 | 45.00000 | | | 0.03003 | |
| | | Water | 7732-18-5 | 33.00000 | | | 0.02202 | |
| | | Anionic Polyacrylamide | Proprietary | 100.00000 | | | 0.02202 | |
| | | Hydrochloric Acid | 7647-01-0 | 7.50000 | | | 0.01786 | |
| | | Guar Gum | 9000-30-0 | 60.00000 | | | 0.00988 | |
| | | Petroleum Distillates | 64742-47-8 | 60.00000 | | | 0.00988 | |
| | | Titanium Oxide | 13463-67-7 | 0.10000 | | | 0.00918 | |
| | | Iron Oxide | 1309-37-1 | 0.10000 | | | 0.00918 | |
| | | Ethylene Glycol | 107-21-1 | 10.00000 | | | 0.00667 | |
| | | Alcohol Ethoxylates Component | Proprietary | 100.00000 | | | 0.00334 | |
| | | Alcohol Ethoxylates component | Proprietary | 100.00000 | | | 0.00334 | |
| | | Iron Oxide | 1309-37-1 | 0.10000 | | | 0.00312 | |

| | | | | | | | | | |
|--|--|--|--|--|---|-------------|-----------|---------|--|
| | | | | | Titanium Oxide | 13463-67-7 | 0.10000 | 0.00312 | |
| | | | | | Surfactants | Proprietary | 10.00000 | 0.00165 | |
| | | | | | Surfactant | Proprietary | 5.00000 | 0.00082 | |
| | | | | | Organo Clay | Proprietary | 5.00000 | 0.00082 | |
| | | | | | Proprietary | Proprietary | 100.00000 | 0.00067 | |
| | | | | | Ethylene Glycol | 107-21-1 | 40.00000 | 0.00047 | |
| | | | | | Dimethylformamide | 68-12-2 | 20.00000 | 0.00023 | |
| | | | | | Ammonium Persulfate | 7727-54-0 | 92.00000 | 0.00019 | |
| | | | | | Cinnamaldehyde | 104-55-2 | 15.00000 | 0.00018 | |
| | | | | | Tar bases, quinoline derivs, benzyl chloride- quaternized | 72480-70-7 | 15.00000 | 0.00018 | |
| | | | | | 2-Butoxyethanol | 111-76-2 | 15.00000 | 0.00018 | |
| | | | | | Water | 7732-18-5 | 100.00000 | 0.00015 | |
| | | | | | Hemicellulase | 9025-56-3 | 100.00000 | 0.00015 | |
| | | | | | Nonyphenol (branched), ethoxylated | 127087-87-0 | 5.00000 | 0.00006 | |
| | | | | | 1-DECANOL | 112-30-1 | 5.00000 | 0.00006 | |
| | | | | | Proprietary | Proprietary | 100.00000 | 0.00003 | |
| | | | | | Isopropyl Alcohol | 67-63-0 | 2.50000 | 0.00003 | |
| | | | | | 1-OCTANOL | 111-87-5 | 2.50000 | 0.00003 | |
| | | | | | Triethyl Phosphate | 78-40-0 | 2.50000 | 0.00003 | |
| | | | | | Cured Resin | Proprietary | 13.00000 | 0.00003 | |
| | | | | | Proprietary | Proprietary | 1.00000 | 0.00000 | |
| | | | | | Silica, Crystalline-Quartz | 14808-60-7 | 1.00000 | 0.00000 | |
| | | | | | Proprietary | Proprietary | 0.70000 | 0.00000 | |
| | | | | | Amine Triphosphate | Proprietary | 30.00000 | | |
| | | | | | Glutaraldehyde | 111-30-8 | 10.00000 | | |
| | | | | | Ethylene Glycol | 107-21-1 | 30.00000 | | |
| | | | | | Benzyl-(C12-C16 Alkyl)- Dimethyl-Ammonium Chloride | 68424-85-1 | 30.00000 | | |
| | | | | | Ethanol | 64-17-5 | 5.00000 | | |

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)