



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

| | |
|--------------|----------------|
| DEP USE ONLY | |
| Site ID | Primary Fac ID |
| Client | Subfacility Id |

Completion Report

| Well Information | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------|-------------------------------------------|-------------------------|--|
| If you are submitting this Completion Report attached to the Well Record, you only need to enter the well API # in this section. | | | | | |
| Well Operator Range Resources-Appalachia, LLC | DEP ID# 141142 | Well API # (Permit / Reg) 37 - 081-20305- - | Project Number | Acres 5250 | |
| Address 100 Throckmorton St., Suite 1200 | | Well Farm Name Laurel Hill Game Club | Well # 1H | Serial # | |
| City Fort Worth | State TX | Zip Code 76102 | County Lycoming | Municipality Jackson | |
| Phone 817 869-4158 | Fax 817 869-1458 | Email mdennis@rangeresources.com | USGS 7.5 min. quadrangle map Trout Run | | |
| Check the appropriate submission: <input checked="" type="checkbox"/> Original Completion Report <input type="checkbox"/> Amended Completion Report | | | | | |

| STIMULATION BASE FLUID | | |
|--------------------------------------------------------------------|------------------------------|--------------------------|
| List Water Management Plan Approved Water Source(s) that were used | Water Management Plan ID No. | Volume (Gallons) |
| 1. Montoursville Borough | PADWIS ID# 4175501 | 2,604,378 |
| 2. Williamsport Water Authority @ Sanitary Plant | PADWIS ID# 4189510 | 1,210,314 |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| Recycled Water Used | | 523,026 |
| Other Bass Fluid(s)Components Used | | |
| 1. Rainwater in Impoundment | | |
| 2. | | |
| Total Base Fluid(s)/Components Used | | 4,337,718 gallons |

| PERFORATION RECORD | | | | | |
|--------------------|------------------|-----------------------|---------------------|--------------------------------------------------|-----------------|
| Stage No. | Perforation Date | Stage Perforated From | Stage Perforated To | Perf. Orientation (Vertical, Horizontal, Radial) | Formation |
| 1 | 10/29/2011 | 11,174'MD | 10,984'MD | Horizontal | Marcellus Shale |
| 2 | 11/29/2011 | 10,889'MD | 10,699'MD | Horizontal | Marcellus Shale |
| 3 | 11/30/2011 | 10,604'MD | 10,414'MD | Horizontal | Marcellus Shale |
| 4 | 11/30/2011 | 10,319'MD | 10,129'MD | Horizontal | Marcellus Shale |
| 5 | 11/30/2011 | 10,034'MD | 9,844'MD | Horizontal | Marcellus Shale |
| 6 | 12/01/2011 | 9,749'MD | 9,559'MD | Horizontal | Marcellus Shale |
| 7 | 12/01/2011 | 9,464'MD | 9,274'MD | Horizontal | Marcellus Shale |
| 8 | 12/01/2011 | 9,179'MD | 8,989'MD | Horizontal | Marcellus Shale |
| 9 | 12/02/2011 | 8,894'MD | 8,704'MD | Horizontal | Marcellus Shale |
| | | | | | |
| | | | | | |

| STIMULATION FLUID ADDITIVES | | | | | | | | | | | | |
|-----------------------------|-----------------------------------------------------------------------|-------------------------------|--------------------------------------------|---------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-----|
| Descriptive Additive Type | Chemical Component(s) listed on Material Safety Sheet of the Additive | CAS No. of Chemical Component | Chemical Component % By Volume in Additive | Chemical Component % By Volume used in Each Stage | | | | | | | | |
| | | | | Stage No. 1 | Stage No. 2 | Stage No. 3 | Stage No. 4 | Stage No. 5 | Stage No. 6 | | | |
| MX 588-2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| WFR-61LA | Sodium Chloride | 7647-14-5 | 9.8% | .00382% | .00417% | .00302% | .00484% | .00262% | .00281% | | | |
| WFR-61LA | Ammonium Chloride | 12125-02-9 | 7.2% | .00280% | .00306% | .00222% | .00355% | .00192% | .00207% | | | |
| WFR-61LA | Petroleum Distillates | 64742-48-8 | 52.7% | .02041% | .02232% | .01616% | .02589% | .01402% | .01505% | | | |
| WFR-61LA | Alcohols, C-12-16, Ethoxylated | 68551-12-2 | 6.9% | .00267% | .00292% | .00211% | .00339% | .00183% | .00197% | | | |
| 35% HCL Acid | Hydrochloric Acid | 7647-01-0 | 35.0% | .07591% | .07090% | .08405% | .08849% | .08673% | .08781% | | | |
| WAI-251 LC | Tar Bases, Quinoline Derivs, Benzyl Chloride-Quaternized | 72480-70-7 | 13.0% | .00010% | .00010% | .00012% | .00012% | .00012% | .00012% | | | |
| WAI-251 LC | Ethoxylated Nonylphenol | 68412-54-4 | 10.1% | .00008% | .00008% | .00009% | .00009% | .00009% | .00009% | | | |
| WAI-251 LC | Cinnamaldhyde | 104-55-2 | 10.2% | .00008% | .00008% | .00009% | .00010% | .00009% | .00009% | | | |
| WAI-251 LC | Ethylene Glycol | 107-21-1 | 57.8% | .00046% | .00043% | .00051% | .00054% | .00053% | .00054% | | | |
| WAI-251 LC | 2-Butoxyethanol | 111-76-2 | 8.3% | .00007% | .00006% | .00007% | .00008% | .00008% | .00008% | | | |
| WAI-251 LC | Isopropyl Alcohol | 67-63-0 | 9.5% | .00008% | .00007% | .00008% | .00009% | .00009% | .00009% | | | |
| WAI-251 LC | Triethyl Phosphate | 78-40-0 | 7.0% | .00006% | .00005% | .00006% | .00007% | .00006% | .00007% | | | |
| WAI-251 LC | N, N-Dimethylformamide | 68-12-2 | 45.1% | .00036% | .00034% | .00040% | .00042% | .00041% | .00042% | | | |
| WIC-641L | Citric Acid | 77-92-9 | 56.4% | .00228% | .00211% | .00251% | .00264% | .00259% | .00262% | | | |
| BMC B-8650 | Glutaraldehyde | 111-30-8 | 48.8% | .00363% | .00320% | .00358% | .00366% | .00358% | .00386% | | | |
| BMC B-8650 | Methanol | 67-56-1 | 0.7% | .00005% | .00005% | .00005% | .00005% | .00005% | .00006% | | | |
| BMC B-8650 | 4,4-Dimethylloxazolidine | 51200-87-4 | 76.5% | .01476% | .01335% | .01481% | .01451% | .01440% | .01529% | | | |
| BMC B-8650 | 3,4,4-Trimethylloxazolidine | 75673-43-7 | 5.0% | .00096% | .00087% | .00097% | .00095% | .00094% | .00100% | | | |
| BMC B-8650 | 2-Amino-2-methyl-1-propanol | 124-68-5 | 1.0% | .00020% | .00018% | .00020% | .00020% | .00020% | .00021% | | | |
| BMC B-8650 | Formaldehyde Amine | 56652-26-7 | 0.5% | .00009% | .00008% | .00009% | .00009% | .00009% | .00009% | | | |

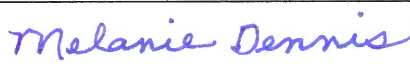
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STIMULATION FLUID ADDITIVES

Note: Trade secret or confidential proprietary information should be clearly identified as such and should be submitted on a separate sheet attached to this report.

| Descriptive Additive Type | Chemical Component(s) listed on Material Safety Data Sheet of the Additive | CAS No. of Chemical Component | Chemical Component % By Volume in Additive | Chemical Component % By Volume used in Each Stage | | | | |
|---------------------------|----------------------------------------------------------------------------|-------------------------------|--------------------------------------------|---------------------------------------------------|-------------|-------------|-----------|-----------|
| | | | | Stage No. 7 | Stage No. 8 | Stage No. 9 | Stage No. | Stage No. |
| MX 588-2 | N/A | N/A | N/A | N/A | N/A | N/A | | |
| WFR-61LA | Sodium Chloride | 7647-14-5 | 9.8% | .00279% | .00295% | .00204% | | |
| WFR-61LA | Ammonium Chloride | 12125-02-9 | 7.2% | .00205% | .00216% | .00150% | | |
| WFR-61LA | Petroleum Distillates | 64742-48-8 | 52.7% | .01495% | .01577% | .01090% | | |
| WFR-61LA | Alcohols, C-12-16, Ethoxylated | 68551-12-2 | 6.9% | .00196% | .00206% | .00143% | | |
| 35%HCL Acid | Hydrochloric Acid | 7647-01-0 | 35.0% | .09096% | .09276% | .08894% | | |
| WAI-251 LC | Tar Bases, Quinoline Derivs, Benzyl Chloride-Quaternized | 72480-70-7 | 13.0% | .00013% | .00013% | .00012% | | |
| WAI-251 LC | Ethoxylated Nonylphenol | 68412-54-4 | 10.1% | .00010% | .00010% | .00010% | | |
| WAI-251 LC | Cinnamaldhyde | 104-55-2 | 10.2% | .00010% | .00010% | .00010% | | |
| WAI-251 LC | Ethylene Glycol | 107-21-1 | 57.8% | .00056% | .00057% | .00054% | | |
| WAI-251 LC | 2-Butoxyethanol | 111-76-2 | 8.3% | .00008% | .00008% | .00008% | | |
| WAI-251 LC | Isopropyl Alcohol | 67-63-0 | 9.5% | .00009% | .00009% | .00009% | | |
| WAI-251 LC | Triethyl Phosphate | 78-40-0 | 7.0% | .00007% | .00007% | .00007% | | |
| WAI-251 LC | N, N-Dimethylformamide | 68-12-2 | 45.1% | .00043% | .00044% | .00042% | | |
| WIC-641L | Citric Acid | 77-92-9 | 56.4% | .00271% | .00277% | .00226% | | |
| BMC B-8650 | Glutaraldehyde | 111-30-8 | 48.8% | .00364% | .00371% | .00368% | | |
| BMC B-8650 | Methanol | 67-56-1 | 0.7% | .00005% | .00005% | .00005% | | |
| BMC B-8520 | 4,4-Dimethyloxazolidine | 51200-87-4 | 76.5% | .01455% | .01465% | .01495% | | |
| BMC B-8520 | 3,4,4-Trimethyloxazolidine | 75673-43-7 | 5.0% | .00095% | .00096% | .00098% | | |
| BMC B-8520 | 2-Amino-2-methyl-1-propanol | 124-68-5 | 1.0% | .00020% | .00020% | .00020% | | |
| BMC B-8520 | Formaldehyde Amine | 56652-26-7 | 0.5% | .00009% | .00009% | .00009% | | |

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| STIMULATION INFORMATION (WELL) | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------|-----------------|
| Open Flow Production: 0mcf/d @ 24hrs pos treatment | 24 Hr. Open Flow Production: 0mcf/d @ 24hrs pos treatment | 24 Hr. Shut-in Pressure: N/A @ 24hrs post treatment | Flow Back Date: |
| STIMULATION INFORMATION (STAGE) | | | |
| Complete a separate record for each stimulation stage. (Please insert additional copies of this page for additional stages). | | | |
| Stage No.: 1 | Stimulation Date: 11/29/2011 | Pump Rate: 74.0 | |
| Pressure (psi): 9,348 | Shut-in Surface Pressure: 4,702 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 497,378 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 2 | Stimulation Date: 11/29/2011 | Pump Rate: 74.0 | |
| Pressure (psi): 8,329 | Shut-in Surface Pressure: 5,027 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 456,082 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 3 | Stimulation Date: 11/30/2011 | Pump Rate: 74.7 | |
| Pressure (psi): 8,046 | Shut-in Surface Pressure: 4,771 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 499,340 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 4 | Stimulation Date: 11/30/2011 | Pump Rate: 75.0 | |
| Pressure (psi): 7,779 | Shut-in Surface Pressure: 4,664 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 499,380 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 5 | Stimulation Date: 12/01/2011 | Pump Rate: 75.0 | |
| Pressure (psi): 7,637 | Shut-in Surface Pressure: 4,285 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 500,820 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 6 | Stimulation Date: 12/01/2011 | Pump Rate: 75.1 | |
| Pressure (psi): 7,801 | Shut-in Surface Pressure: 4,701 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 500,540 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| WELL SERVICE COMPANIES (Provide the name, address, and telephone number of all well service companies involved.) | | | |
| Name Weatherford | Name Multi-Chem | Name | |
| Address 121 Hillpointe Drive, Suite 300 | Address 2905 Southwest Blvd. | Address | |
| City - State - Zip Canonsburg, PA 15317 | City - State - Zip San Angelo, Texas 76904 | City - State - Zip | |
| Phone 724 745-7050 | Phone 325 223-6200 | Phone | |
| I do hereby certify to the best of my knowledge, information and belief that the information contained on this Completion Report is true and correct. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.. | | | |
| Well Operator's Signature | | DEP USE ONLY | |
|  Title: Regulatory Analyst Date: 12/22/11 | | Reviewed by: | Date: |
| | | Comments: | |

| STIMULATION INFORMATION (WELL) | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------|-----------------|
| Open Flow Production: 0mcf/d @ 24hrs pos treatment | 24 Hr. Open Flow Production: 0mcf/d @ 24hrs pos treatment | 24 Hr. Shut-in Pressure: N/A @ 24hrs post treatment | Flow Back Date: |
| STIMULATION INFORMATION (STAGE) | | | |
| Complete a separate record for each stimulation stage. (Please insert additional copies of this page for additional stages). | | | |
| Stage No.: 7 | Stimulation Date: 12/01/2011 | Pump Rate: 74.7 | |
| Pressure (psi): 7,394 | Shut-in Surface Pressure: 4,855 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 498,720 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 8 | Stimulation Date: 12/01/2011 | Pump Rate: 76.0 | |
| Pressure (psi): 8,294 | Shut-in Surface Pressure: 4,254 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 499,340 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: 9 | Stimulation Date: 12/02/2011 | Pump Rate: 75.0 | |
| Pressure (psi): 7,780 | Shut-in Surface Pressure: 4,514 | 5 Minute Shut-in Surface Pressure: NA | |
| Propping Agent Type: Sand | Propping Agent Amount: 501,980 | Propping Agent Size: 100 mesh/40-70 Mesh | |
| Stage No.: | Stimulation Date: | Pump Rate: | |
| Pressure (psi): | Shut-in Surface Pressure: | 5 Minute Shut-in Surface Pressure: | |
| Propping Agent Type: | Propping Agent Amount: | Propping Agent Size: | |
| Stage No.: | Stimulation Date: | Pump Rate: | |
| Pressure (psi): | Shut-in Surface Pressure: | 5 Minute Shut-in Surface Pressure: | |
| Propping Agent Type: | Propping Agent Amount: | Propping Agent Size: | |
| Stage No.: | Stimulation Date: | Pump Rate: | |
| Pressure (psi): | Shut-in Surface Pressure: | 5 Minute Shut-in Surface Pressure: | |
| Propping Agent Type: | Propping Agent Amount: | Propping Agent Size: | |
| WELL SERVICE COMPANIES (Provide the name, address, and telephone number of all well service companies involved.) | | | |
| Name Weatherford | Name Multi-Chem | Name | |
| Address 121 Hillpointe Drive, Suite 300 | Address 2905 Southwest Blvd. | Address | |
| City - State - Zip Canonsburg, PA 15317 | City - State - Zip San Angelo, Texas 76904 | City - State - Zip | |
| Phone 724 745-7050 | Phone 325 223-6200 | Phone | |
| <i>I do hereby certify to the best of my knowledge, information and belief that the information contained on this Completion Report is true and correct. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.</i> | | | |
| Well Operator's Signature | | DEP USE ONLY | |
|  Title: Regulatory Analyst Date: 12/22/11 | | Reviewed by: | Date: |
| | | Comments: | |

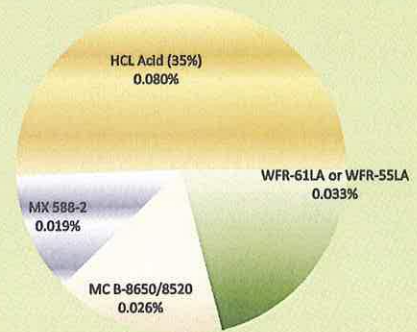
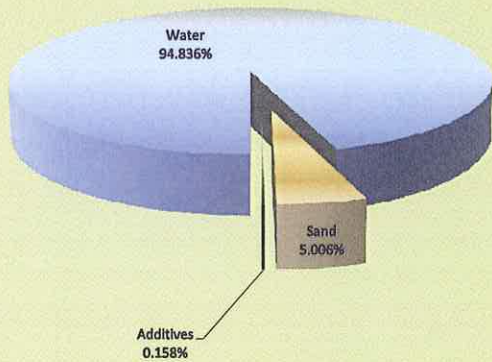


Laurel Hill Game Club 1H
Well API: 37-081-20305

Completion Date: 11/29/11
Township: Jackson

| % Composition of Hydraulic Fracture Fluid (by volume) | | | | | | |
|-------------------------------------------------------|---------------------|-----------------------------------------------------------------------|------------------------------------------------------------------|---------------|-----------|------------------------------------------------------------------------------------|
| Product Name | Additive | Purpose | Use and Dilution | Volume | Overall % | Common Uses |
| Water | Carrier Fluid | Creates fracture network in shale and carry proppant to the formation | Primary constituent | 3,813,831 gal | 94.836% | Water is the most abundant molecule on the Earth's surface |
| Sand | Sand | Allows fractures to remain open so gas can escape | Second most common constituent, making up almost 6% of the fluid | 201,302 gal | 5.006% | Drinking water filtration, play sand |
| WFR-61LA or WFR-55LA | Friction Reducer | Reduces friction between fluid and pipe | Diluted at one-half gallon per 1,000 gallons of water | 1,334 gal | 0.033% | Water treatment; soil conditioner; some children's toys |
| MC B-8650/8520 | Antimicrobial Agent | Eliminates bacteria in the water that produce corrosive byproducts | Diluted at one-half gallon per 1,000 gallons of water | 1,062 gal | 0.026% | Water treatment, disinfectant; sterilize medical and dental equipment and surfaces |
| MX 588-2 | Scale Inhibitor | Prevents scaling in pipe | Diluted at one-tenth gallon per 1,000 gallons of water | 0,744 gal | 0.019% | Water treatment, household cleaners, de-icing agent |
| HCL Acid (35%) | Perf Clean-Up | Dissolves cement and minerals to help initiate fractures | 177 gallons per stage if required (non-diluted chemicals) | 3,219 gal | 0.080% | Swimming pool and household cleaner |

Composition of Hydraulic Fracture Fluid (by volume)





RANGE RESOURCES

Wellname: Laurel Hill Game Club 1H
Township: Jackson

WELL API#: 37-081-20305
Completion Date: 11/29/11

Composition of Components in Marcellus Shale Hydraulic Fracturing Fluid

| Common Name & Supplier | Supplier Chemical Name | Common Description | Hazardous Component listed on MSDS | Purpose | MSDS Component Weight % of Chemical | Specific Gravity of Additive | Specific Gravity of Component | Additive Conc (gal/1000 gal) | lbs Hazardous Component | Gallons MSDS Component in Well | Maximum Concentration of MSDS Component of Total Stage Fluid | |
|---------------------------------|------------------------|-----------------------|----------------------------------------------------------|------------------------------|-------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------|--------------------------------|--------------------------------------------------------------|----------|
| | | | | | | | | | | | % Vol | % Weight |
| 7.5% HCl Mixture (Weatherford) | 35% HCL | Concentrated HCl Acid | HCL | Cleans perforation | 35.0% | 1.17556 | 1.17556 | 189.0 | 11031.92 | 3218.79 | 0.0800% | 0.0304% |
| | WAI-251 LC | Corrosion Inhibitor | Tar bases, quinoline derivs, benzyl chloride-quaternized | Protects casing | 13.0% | 1.07 | 1.07 | 2.0 | 41.71 | 4.68 | 0.0001% | 0.0001% |
| | | | Ethoxylated Nonylphenol | Protects casing | 10.0% | 1.07 | 1.06 | 2.0 | 32.09 | 3.63 | 0.0001% | 0.0001% |
| | | | Cinnamaldehyde | Protects casing | 10.0% | 1.07 | 1.05 | 2.0 | 32.09 | 3.67 | 0.0001% | 0.0001% |
| | | | Ethylene Glycol | Protects casing | 60.0% | 1.07 | 1.11 | 2.0 | 192.52 | 20.82 | 0.0005% | 0.0005% |
| | | | 2-Butoxyethanol | Protects casing | 7.0% | 1.07 | 0.9 | 2.0 | 22.46 | 3.00 | 0.0001% | 0.0001% |
| | | | Isopropyl alcohol | Protects casing | 7.0% | 1.07 | 0.787 | 2.0 | 22.46 | 3.43 | 0.0001% | 0.0001% |
| | | | Triethyl Phosphate | Protects casing | 7.0% | 1.07 | 1.07 | 2.0 | 22.46 | 2.52 | 0.0001% | 0.0001% |
| | N, N-Dimethylformamide | Protects casing | 40.0% | 1.07 | 0.95 | 2.0 | 128.35 | 16.22 | 0.0004% | 0.0004% | | |
| | WIC-841L | Iron Chelator | Citric Acid | Prevents precipitation | 70.0% | 1.24 | 1.54 | 10.0 | 1301.48 | 101.45 | 0.0025% | 0.0036% |
| TOTAL | | | | | | | | | | 0.9840% | 0.0354% | |
| Friction Reducer (Weatherford) | WFR-61LA | Friction Reducer | Sodium Chloride | Reduce friction down casing | 10.0% | 1.053 | 1.07 | 0.5 | 585.06 | 65.64 | 0.0016% | 0.0016% |
| | | | Ammonium Chloride | Reduce friction down casing | 7.0% | 1.053 | 1.02 | 0.5 | 409.54 | 48.20 | 0.0012% | 0.0011% |
| | | | Petroleum Distillates | Reduce friction down casing | 40.0% | 1.053 | 0.8 | 0.5 | 2340.23 | 351.18 | 0.0087% | 0.0065% |
| | | | Alcohols, C-12-16, Ethoxylated | Reduce friction down casing | 7.0% | 1.053 | 1.07 | 0.5 | 409.54 | 45.95 | 0.0011% | 0.0011% |
| TOTAL | | | | | | | | | | 0.0127% | 0.0103% | |
| Scale Inhibitor (MultiChem) | MX 598-2 | Scale Inhibitor | No hazardous ingredients | prevents scale deposits | N/A | 1.12 | 1.53 | 0.1 | N/A | N/A | N/A | N/A |
| Antibacterial Agent (MultiChem) | BMC B-8520 | Antibacterial Agent | 4,4-Dimethyloxazolidine | eliminates bacteria in water | 78.0% | 0.9832 | 1.004 | 0.205 | 4879.95 | 583.49 | 0.0145% | 0.0135% |
| | | | 3,4,4-Trimethyloxazolidine | | 5.0% | 0.985 | 0.985 | 0.205 | 313.39 | 38.19 | 0.0009% | 0.0009% |
| | | | 2-Amino-2-methyl-1-propanol | | 1.0% | 0.985 | 0.94 | 0.205 | 62.68 | 8.00 | 0.0002% | 0.0002% |
| | Formaldehyde Amine | 0.5% | 0.985 | 1.08 | 0.205 | 31.34 | 3.48 | 0.0001% | 0.0001% | | | |
| | BMC B-8850 | Antibacterial Agent | Glutaraldehyde | eliminates bacteria in water | 50.0% | 1.103 | 1.13 | 0.08 | 1369.49 | 109.56 | 0.0027% | 0.0038% |
| | | | Methanol | | 0.5% | 1.103 | 0.786 | 0.08 | 13.69 | 1.10 | 0.0000% | 0.0000% |
| TOTAL | | | | | | | | | | 0.0185% | 0.0184% | |
| SUMMARY | | | | | | | | | | 0.115% | 0.064% | |