August 2018

~ Why WorldWide Drilling Resource®? ~

Dear Colleague,

Time is of the essence in today’s world, much the same as it has always been ~ in a hurry. So, The WWDR Team thanks you for taking a few moments out of your busy schedule to really review the enclosed 2019 Marketing Guide. It has a great deal of vital information concerning the scope, concept, and ways in which WorldWide Drilling Resource® works with potential advertisers and subscribers across the world.

This magazine is the TRUE RESOURCE for the drilling industry. Not only answering questions, we also help you plan a terrific marketing campaign for your company or your clients’ companies. Information may seem easy to understand for some, while others may interpret things differently. Thus, there is confusion. That’s where your personal WWDR Team Member comes into play, working with you each step of the way to ensure all options are fully presented to you. They will even prepare a mock “order request” for you, giving you some options and the bottom dollar for those selections.

What? Selections? Yes, WorldWide is the only magazine with its signature “Mix ‘N Match”. There are so many options, we can’t begin to list them here for you – but they are in the complete Marketing Guide for your review. Basically, select the way(s) you want to reach your audience: online, print, etc., or a combination approach. If you have a ballpark figure in mind for this campaign, that always helps. Then your representative will prepare a few samples of how it would work for you. You can combine display, classified, online banners, tower ads in our E-News Flash, videos online with links, pinpointer maps, Buyers Meet Sellers, and much more. They will even ensure you get a sample advertisement.

Oh yes, advertisements are prepared in-house for you for use in WorldWide Drilling Resource® media ~ FREE! And if you elect to use it elsewhere, just ask us the cost so we can work with you on keeping that great look going.

So, don’t waste any time, go ahead and review this marketing guide and give us a call 850-547-0102. We are ready to help you with our Solid Gold Service ~ with a Smile™. Remember, if you aren’t happy, we aren’t happy.

On behalf of the WWDR Team, I wish you much success in 2019,

Veronica I. “Ronnie” Jones
CEO – President – Managing Publisher
It's All About Drilling!

Construction  Directional  Environmental
Exploration  Blasthole  Geotechnical
Mining  Shallow Gas & Oil  Geothermal
Irrigation  Water Well
Wastewater  Solar

2019 Marketing Guide
### 2019 Rates

**10% off 6 or 12X prepay display**

<table>
<thead>
<tr>
<th>RUN</th>
<th>Full</th>
<th>Two-Thirds</th>
<th>Half</th>
<th>Third</th>
<th>Fourth</th>
<th>Sixth</th>
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<td>$2252.25</td>
<td>$2033.85</td>
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**BLACK AND WHITE**

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<tr>
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<td>$1619.10</td>
<td>$1317.75</td>
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<td>$1807.05</td>
<td>$1506.75</td>
<td>$1281.00</td>
<td>$979.65</td>
<td>$641.55</td>
<td>$451.80</td>
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<tr>
<td>3X</td>
<td>$2033.85</td>
<td>$1656.90</td>
<td>$1506.75</td>
<td>$1167.60</td>
<td>$930.30</td>
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<td>$2259.60</td>
<td>$1950.90</td>
<td>$1732.50</td>
<td>$1355.55</td>
<td>$1130.85</td>
<td>$678.30</td>
</tr>
</tbody>
</table>

*Cash or Check*

**Classified Advertising Information**

Both color and black & white text ads and display classified ads are accepted (with photos, logos, and borders). Only one-column-width items are permitted in the Classified Section (WorldWide DRILLING Resource)**1** to ensure "section clarity." A column is 2.25" wide by 10" high. All ads appear at www.worldwidedrillingresource.com. FREE! No gimmicks or extra fees! All classified ads must be in advance. We gladly accept American Express, Discover, MasterCard, and VISA, as well as checks.

Too Late to Publish Classified Ads - Available Online.

Missed the deadline? Need to sell it? Place it online - it’s easy! Call for details: (850) 547-0102

**Special Position?** (Particular page in magazine.) Call for availability. Price $200 additional per page, per insertion.

Advertisements prepared FREE as a courtesy to our customers become the property of WorldWide Drilling Resource and may not be reproduced or used in any other magazine, website, or venue of a competitive nature without WorldWide Drilling Resource without explicit written permission. ~ Contact the management for permission to use the advertisement elsewhere.

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**World Wide Drilling Resource**

**Print Media Rate Card**

**WWDR Menu of Opportunities**

**BUYERS MEET SELLERS**

- A special section appearing in our December print issue, has your advertisement(s) (prepared by our professional staff) appearing in a prominent space under your chosen category. AND remember - it appears ONLINE as well for 12 full months. $183.75 current advertiser / $236.25 nonadvertiser.

**ONLINE OPPORTUNITIES:**

- **ALTERNATING WEB BANNER** - $157.50 per advertisement. (70 pixels high up to 350 pixels wide, 96 dpi) - FREE LINK!
- **SPECIAL ADVERTISEMENT SPACE** - call for quote. FREE LINK!
- **BUYERS MEET SELLERS - FREE** - A mirror of our December print issue separate section appears online for a full 12 months - December through November. AND if you missed the print issue - jump in now! Regular rate applies - $183.75 current advertiser / $236.25 nonadvertiser. FREE LINK!
- **CLASSIFIEDS DIRECT** - Waiting for your phone to ring? Appears Online - Home Page - worldwidedrillingresource.com - monthly. Direct connection via mobile phone - e-mail - link to website.
- **NEWS CLIPS** - Sponsor online articles and include your promotional video (with links).

**REWARD POINTS** = Discounts.

**Attention Advertising Agency**

Please add your fees to these rates as no agency commission is possible at these low rates. Thanks for your understanding.

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**E-Mail/Instant**

- **E-News Flash** - In between print issues of WorldWide Drilling Resource, E-News Flash (newsletter) with new articles that missed the print issue, hits approximately 8900 inboxes the world over. You can too, with TOWER ADVERTISMENTS . . . $52.50 per advertisement. FREE LINK! (170 pixels wide up to 354 pixels high, 96 dpi)

**Worldwide Business Directory**

- Sensational way to keep your name visible all year long - PLUS gives you the immediate 12-time discount on any other advertisement you run within those 12 months $1088.00 prepay. FREE LINK!

**PINPOINTER MAP(S):**

- Special events have special maps - check out samples. The map actually points to your location on the exhibit floor - from your own advertisement on the outside circumference of the map. The ad is prepared by us in a certain format - presenting your logo, website, and telephone number. This map appears in the issue prior to the event. AND, it is distributed at the event(s). $183.75 advertisers / nonadvertisers $210.00 per insertion.

**ONSITE COVERAGE - Events, Your Facility, and More.**

**CALL FOR MORE DETAILS ON THESE REAL DEALS, AS WELL AS UPCOMING NEW SPECIALS!**

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**Attention Advertising Agency**

Please add your fees to these rates as no agency commission is possible at these low rates. Thanks for your understanding.

---

**Attention Advertising Agency**

Please add your fees to these rates as no agency commission is possible at these low rates. Thanks for your understanding.
WorldWide Drilling Resources

Phone: 850-547-0102
Fax 850-547-0329

Mailing: PO Box 660, Bonifay FL 32425-0660
(Physical: 3089 Northride Lane, Bonifay FL 32425)

www.worldwidedrillingresource.com

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Home of Solid Gold Service ~ with a smile! ™
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/19</td>
<td>Oklahoma Ground Water Association</td>
<td>Norman OK</td>
</tr>
<tr>
<td>1/21</td>
<td>Utah Ground Water Association</td>
<td>Mesquite NV</td>
</tr>
<tr>
<td>1/10</td>
<td>Louisiana Ground Water Association</td>
<td>Marksville LA</td>
</tr>
<tr>
<td>1/14-1/17</td>
<td>World Future Energy Summit</td>
<td>Abu Dhabi UAE</td>
</tr>
<tr>
<td>1/16-1/18</td>
<td>Wyoming Ground Water Association</td>
<td>Casper WY</td>
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<tr>
<td>2/13-2/25</td>
<td>Texas Ground Water Association</td>
<td>San Marcos TX</td>
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<tr>
<td>2/24-2/26</td>
<td>Kansas Ground Water Association</td>
<td>KS</td>
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<tr>
<td>2/27-3/2</td>
<td>Int Society of Explosives Engineers</td>
<td>Nashville TN</td>
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<tr>
<td>2/27</td>
<td>Minnesota Water Well Association</td>
<td>Brooklyn Park MN</td>
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<tr>
<td>1/28-1/31</td>
<td>Nevada Water Resources Association</td>
<td>Reno NV</td>
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<tr>
<td>1/29-1/31</td>
<td>Nevada Underground Construction Technology</td>
<td>Fort Worth TX</td>
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<tr>
<td>1/31-2/1</td>
<td>NC Ground Water Association</td>
<td>Greensboro NC</td>
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<tr>
<td>2/4-2/7</td>
<td>Associated Equipment Distributed Summit</td>
<td>Orlando FL</td>
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<tr>
<td>2/24-2/28</td>
<td>ASGIC Annual Meeting</td>
<td>Nassau BAHAMAS</td>
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<td>2/25-27</td>
<td>SMAGUA</td>
<td>Zaragoza SPAIN</td>
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<td>2/27-2/28</td>
<td>Mountain States Ground Water Expo</td>
<td>Laughlin NV</td>
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<td>2/21-2/24</td>
<td>Nebraska Well Drillers Association</td>
<td>Kearney NE</td>
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<tr>
<td>2/20-2/21</td>
<td>IADC Drilling Caspian Conference</td>
<td>Baku AZERBAIJAN</td>
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<tr>
<td>2/20-2/21</td>
<td>Virginia Water Well Association</td>
<td>Fredericksburg VA</td>
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<td>2/24-2/28</td>
<td>Deep Well Injection Conference</td>
<td>Miami FL</td>
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<tr>
<td>2/24-2/27</td>
<td>SME Conf. / National Western Mining Conference</td>
<td>Denver CO</td>
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<tr>
<td>2/28-3/1</td>
<td>Maryland-Delaware Water Well Association</td>
<td>Annapolis MD</td>
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<td>3/2-3/9</td>
<td>New England Water Well Association</td>
<td>Marlborough MA</td>
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<td>3/12-3/13</td>
<td>The Water Show</td>
<td>Johannesburg SO AFRICA</td>
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<td>3/17-3/21</td>
<td>NASIT No-Dig</td>
<td>Chicago IL</td>
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<td>3/20-3/21</td>
<td>Ohio Drill &amp; Blast Conference</td>
<td>Worthington OH</td>
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<td>3/26-3/28</td>
<td>CGA #11 Excavation Safety Conference</td>
<td>Tampa FL</td>
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<td>3/27-3/28</td>
<td>West Texas Oil &amp; Gas Conference</td>
<td>Midland TX</td>
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<td>4/4-4/14</td>
<td>SME &amp; PMC</td>
<td>Zaragoza SPAIN</td>
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<tr>
<td>4/4-4/14</td>
<td>Western Canada ISEE Conference</td>
<td>Kamloops BC CANADA</td>
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<tr>
<td>4/9-4/14</td>
<td>bauma</td>
<td>Munich GERMANY</td>
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<tr>
<td>4/24-4/26</td>
<td>Best in the West Drill &amp; Blast Conference</td>
<td>Spartanburg SD</td>
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<tr>
<td>5/1-5/3</td>
<td>SuperPile</td>
<td>Seattle WA</td>
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<tr>
<td>5/3-5/9</td>
<td>World Tunnel Congress</td>
<td>Naples ITALY</td>
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<tr>
<td>5/16-5/18</td>
<td>Florida Ground Water Association</td>
<td>Orlando, FL</td>
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<tr>
<td>5/20-5/22</td>
<td>Longwall USA</td>
<td>Pittsburgh PA</td>
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<tr>
<td>5/21-5/22</td>
<td>Austmine: The Next Horizon</td>
<td>Brisbane AUSTRALIA</td>
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<tr>
<td>5/21-5/24</td>
<td>ISARC (construction automation)</td>
<td>Banff AB CANADA</td>
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<tr>
<td>5/21-5/24</td>
<td>EXPOON</td>
<td>Antofagasta CHILE</td>
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<tr>
<td>6/1-6/13</td>
<td>Global Petroleum Show</td>
<td>Calgary AB CANADA</td>
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<tr>
<td>6/18-6/21</td>
<td>Oklahoma City Oil &amp; Gas Convention</td>
<td>Oklahoma City OK</td>
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<tr>
<td>6/24-6/25</td>
<td>Deep Mining Conference</td>
<td>Johannesburg SO AFRICA</td>
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<tr>
<td>6/26-6/27</td>
<td>Energy Exposition</td>
<td>Gillette WY</td>
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<tr>
<td>7/11-7/19</td>
<td>Trenchless Asia</td>
<td>Jakarta INDONESIA</td>
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<td>7/27-7/29</td>
<td>South Atlantic JUBILEE</td>
<td>Myrtle Beach FL</td>
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<tr>
<td>8/7-8/29</td>
<td>Asia-Pacific International Mining Exhibition</td>
<td>Sydney AUSTRALIA</td>
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<td>9/3-9/5</td>
<td>Mine Closure</td>
<td>Perth AUSTRALIA</td>
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<td>9/4-9/7</td>
<td>China Beijing Int’l Construction Machinery</td>
<td>Beijing CHINA</td>
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<td>MATEXO</td>
<td>Kortrijk BELGIUM</td>
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<td>9/15-9/17</td>
<td>EFEE World Conference</td>
<td>Helsinki SWEDEN</td>
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<td>9/16-9/20</td>
<td>PERURMIN</td>
<td>Arequipa PERU</td>
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<td>9/18-9/20</td>
<td>Tube Southeast Asia</td>
<td>Bangkok THAILAND</td>
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<tr>
<td>10/1-10/3</td>
<td>Int’l Construction &amp; Utility Equipment Expo</td>
<td>Louisville KY</td>
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<tr>
<td>10/14-10/18</td>
<td>Conference on Deep Foundations</td>
<td>Chicago IL</td>
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<tr>
<td>10/30-11/2</td>
<td>China Coal &amp; Mining Expo</td>
<td>Beijing CHINA</td>
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<tr>
<td>11/14-11/15</td>
<td>Pennslyvania Drilling &amp; Blasting Conference</td>
<td>State College PA</td>
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<tr>
<td>11/18-11/19</td>
<td>Tunnel Boring Machines Conference</td>
<td>Golden CO</td>
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<tr>
<td>12/5-12/12</td>
<td>National Ground Water Association</td>
<td>Las Vegas NV</td>
</tr>
</tbody>
</table>

**Partial Tentative 2019 Show Schedule**

**WorldWide has true global coverage.**

- Madrid, Spain
- Montreal, Canada
- Orlando, FL
- Nashville, TN
- Shanghai, China
- New Orleans, LA
- Munich, Germany
- Alexandria, VA
- Bologna, MO
- Verona, Italy
- Antsoguta, Chile
- Hamilton, ON, Canada
- Las Vegas, NV
- Piacenza, Italy
- Galveston, TX
- Antsoguta, Chile
- Mississippi, SD
- Oklahoma City, OK
- Santiago, Chile
- Myrtle Beach, SC
History is a Thing of the Past

But... in the “real world” it molds our futures, since in reality it’s an ongoing event. WorldWide Drilling Resource, Inc. is proud of its heritage and grateful for all those who have come through our doors here in Bonita, Florida, as well as throughout our travels worldwide to help us make this valuable resource a continuing history of the drilling industry.

Ironically, this company started on a porch, much like many of our drilling industry-related companies. It has grown over these years to a much-sought-after and followed magazine, both online and in real print. The staff and management of WorldWide have affectionately been called The WorldWide Team and known throughout the world as “the red jackets,” our prominent symbol of strength and unity for the industry.

Drilling Associations the world over receive the support of The WorldWide Team through coverage at events, notices of upcoming activities, call-in assistance to help them through questions, not to mention the thousands of dollars for scholarship auctions, as well as donations. The WorldWide Team does this out of the kindness of their hearts. Yes, each and every one has a special place in their heart for this industry and that is what sets WorldWide Drilling Resource® apart from the rest.

Keeping up with this ever-changing industry, WorldWide is continually updating and adding to its print presence, as well as its website www.worldwidedrillingresource.com. Many changes have happened over the years, which makes it a much-viewed site, one that offers so many FREE ways to get companies noticed, it’s mind-boggling. That’s why The WorldWide Team stands ready to assist you and yours walk through and plan your future marketing plans. This is a full-service company. History, as mentioned above is “A Thing Of The Past,” but is ever changing our future and yours. So, let’s make history together in 2019.

Your invitation from...THE

Home of Solid Gold Service - with a smile!!!

It’s a pleasure having WorldWide be a major part of Ronnie’s Real World

A Word from our Chief Marketing Officer

What’s in a name, logo, uniform, red jacket, or catch phrase? These are some of the ways companies look to grab your attention. What will separate your company from the rest of the companies out there? Why do some advertisements stay imbedded in our heads while others fail by the wayside? If someone was to mention the word “candy” or “truck,” what product would you think of and why? These are things to think about when you are promoting your own company. We are all looking to grow our companies. Proper marketing strategies can assist you in reaching that growth and promoting customer loyalty.

Respectfully,

Ed Morawski

Mission Statement

“WorldWide’s” mission is to serve the industry we have a lot of respect and admiration for - DRILLING - across the globe and beyond. WorldWide Drilling Resource® Magazine brings the most up-to-date information, services, equipment, and technology to the forefront to enable you, whether you are a driller, supplier, distributor, or manufacturer, to perform your job with the least amount of effort possible with the best results. In addition, these magazine articles are a great resource for anyone working in the drilling industry - from the president to the clerk, it will aid you in your everyday work.

You will be able to readily identify our “WorldWide Team” as we travel throughout the world “in search of” the most innovative, up-to-date equipment and technology available for you in your field. Just look for us across the globe in the red jackets! We’ll be so happy to meet and visit with you.
Missed Opportunities
We aren’t doing our job if we don’t help you promote your business.

*Free Editorial:

Hat Off the Press - General news about a product or company.

Breaking News - Company announcements, such as a new location, contest, or event.

Who’s in the News - Employee news, like a promotion, award, or new hire.

Dealmakers - Celebrate the sale of equipment.

Product Spotlight - Notice of new or improved products.

E-NewsFlash - Project articles (electronic only - no print).

Spotlight On - Article spotlighting a company, person, or project.

Education Connection - Seminars and training events.

Planning Ahead - Trade shows, annual meetings, and other industry events.

Editorial Focus - Submit an article based on our monthly focus.

Interested in submitting editorial content for an upcoming issue?
Just send your article or press release to WWDR!

Too busy to create an article?

DON’T WORRY . . .
Simply contact the WWDR Editorial Team and we will work with you to create a professional, interesting article for our publication.

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Caleb Whitaker
Associate Editor
Caleb@
worldwiddrillingresource.com

Phone: 850-547-0102
Fax: 850-547-0329

www.worldwiddrillingresource.com
Each month, the **WorldWide Drilling Resource** Editorial Team creates articles about different aspects of the drilling world. In addition to regular content, our Team will also focus on a special area of the drilling industry each month. **We invite you to submit your article ideas.** Interested in having your article included in our E-News Flash newsletter? Simply send your article information in by the first day of the month prior; for example, April’s deadline would be March 1st (electronic only, no print).

<table>
<thead>
<tr>
<th>Issue:</th>
<th>Deadline:</th>
<th>Editorial Focus:</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2019</td>
<td>November 15, 2018</td>
<td>EXPLORATION / BLASTHOLE ~ Bring your explosives, drill pipe, rigs, bits, coring equipment, and other mineral exploration and blasting products into full view this month!</td>
</tr>
<tr>
<td>February 2019</td>
<td>December 15, 2018</td>
<td>PROTECTION AND SAFETY ~ Safety equipment, insurance, security products, personal protection equipment, and more will be our focus this month.</td>
</tr>
<tr>
<td>March 2019</td>
<td>January 15, 2019</td>
<td>CONSTRUCTION / GEOTECHNICAL ~ From augers, bits, and hammers, to drill pipe, compressors, grout and foundation equipment, this is the month for construction and geotechnical products.</td>
</tr>
<tr>
<td>April 2019</td>
<td>February 15, 2019</td>
<td>MINING ~ It requires heavy equipment, bits, drill pipe, loaders, generators, compressors, and so much more. Make sure your mining products get international exposure with this month’s issue.</td>
</tr>
<tr>
<td>May 2019</td>
<td>March 15, 2019</td>
<td>TECHNOLOGICAL ADVANCES ~ From software and drones, to remote-controlled equipment and training simulators, let everyone know how your products improve technology.</td>
</tr>
<tr>
<td>June 2019</td>
<td>April 15, 2019</td>
<td>HORIZONTAL DIRECTIONAL DRILLING ~ Showcase your software, pilot bits, reamers, mud systems, and other products used for directional drilling in this month’s issue!</td>
</tr>
<tr>
<td>July 2019</td>
<td>May 15, 2019</td>
<td>WATER WELL SUPPLIES AND REMEDIATION ~ In addition to water being our focus this month, this is also the pre-JUBILEE issue including our annual JUBILEE Pinpointer Map. Act quickly, space is limited.</td>
</tr>
<tr>
<td>August 2019</td>
<td>June 15, 2019</td>
<td>ENVIRONMENTAL ~ Soil sampling and core drilling equipment have our attention this month. We will also take a look at solar, wind, geothermal, and other renewable products and projects.</td>
</tr>
<tr>
<td>September 2019</td>
<td>July 15, 2019</td>
<td>HISTORY MONTH ~ Always a popular issue! We invite you to share the history of your company, products, or projects in our special anniversary issue!</td>
</tr>
<tr>
<td>October 2019</td>
<td>August 15, 2019</td>
<td>GEOTHERMAL ~ Loops, bits, rigs, grout, and grouters for the geothermal industry will be on display this month.</td>
</tr>
<tr>
<td>November 2019</td>
<td>September 15, 2019</td>
<td>GAS AND OIL ~ Drill pipe, rigs, bits, drilling mud, and all the other tools necessary for gas and oil drilling are the center of attention this month.</td>
</tr>
<tr>
<td>December 2019</td>
<td>October 15, 2019</td>
<td>Our end-of-the-year Annual Buyers Meet Sellers issue and the perfect time to place a special ad to say THANK-YOU to customers and employees, plus promote your new products for 2020.</td>
</tr>
</tbody>
</table>

*Home of Solid Gold Service ~ with a smile!*™
Thanks for checking out WorldWide Drilling Resource's complimentary e-newsletter. Between each print issue of WorldWide Drilling Resource magazine, you'll receive an update on the latest industry happenings. And we'd love to hear from you if you have anything you'd like to share with the rest of the drilling world. Send us your press releases, announcements, photos, videos, comments, or anything else that could be of interest to our sister industry. Simply send your materials to e-news@worldwidedrillingresource.com.

Featured Product of the Month

Wyoben's DRILL-X™ HP

Highly concentrated, high-performance DRILL-X™ HP is a non-toxic, thinning, drilling detergent and wetting agent used in freshwater drilling fluid systems where clays are present. When added to fluids, it keeps bits clean and adds lubrication properties to the system.

Available in 5-gallon pails and 53-gallon drums, DRILL-X™ HP also acts as a secondary thinner to lower fluid viscosity and aids in dispersing clays. When drilling through clays, adding DRILL-X™ HP will assist in making clays more flowable and prevents cuttings from sticking together.

DRILL-X™ HP is environmentally safe, nontoxic, and biodegradable.

Other benefits include:

- Reddish Color liquid
- Pour point -30°F (-1°C)
- Flash point -210°F (-134°C)

For more information, please visit:

Bring on High-Speed!

Merrill

Remember When...

pressure switches came with heavy-duty fiber board brackets that moved the contacts? Merrill has them, plus heavy brass wire hubs including set screws inside brass tube for easy wiring; stronger and heat resistant. Heavy-duty switch will hold heavy-gauge wire; rated for 230 volt (single phase) 20A.

800-831-6962
merrillfg.com
Drilling Helps Connect
Households to Internet in Germany
Adapted from Information by TRACTO-TECHNIK

The Dresden, Germany, district of Löbtau is a popular residential area. The district has grown since the end of the 19th century. Löbtau has a multitude of shopping possibilities, parks, leisure facilities, and very good transport links to Dresden's city center. The underground infrastructure has also been gradually adjusted to today's requirements.

Three high-density polyethylene pipes were laid in the historic city center to accommodate glass fiber cables. In each domestic household, a new high-speed internet network. The glass fiber optic cables go through an exchange to the existing copper network. The exchange is connected via an opto-electrical converter. This solution means that the foot of the route can be provided with the existing copper infrastructure, and no new property service connections have to be taken care of. As a high-speed internet connection available. This type of connection is also used for expanding the high-speed internet network throughout the country.

To avoid any damage to valuable road surfaces, pipes were installed using trenchless technology. The contractor for the job, Tiefbau Pfeffer GmbH awarded the contract to the special drilling company M&M Gesteuerte Bohrungen und Kabelbau. M&M has a great deal of experience in underground pipe installation, in particular with horizontal directional drilling. In this case, they chose the GRUNDODRILL 11XP for the first time. Due to its compact construction, it is particularly suited for drilling in very limited spaces such as inner city areas.

In addition to drilling with limited space, the high number of existing lines and pipes presented a particular challenge. False signals from overhead tram cables and power supply for the signal technology made localization difficult. An oval profile drainage pipe also had to be undercrossed. Applying the latest detection technology, a Digitrak F5 system, the experienced drill crew was able to lead the bore path past numerous obstacles as planned.

The actual pipe installation process went quickly and without any problems. The pilot bore, through relatively hard subsoil, was established in under two hours using a bore head which was developed for very compact soils. Thanks to the good, free-cutting characteristics of the bore head and the perfectly mixed drilling fluid, no separate upsizeing bore was required and the pipes were pulled directly into the pilot hole in just one hour using a standard backreamer with rinsing grooves. The total of 1200 feet of piping was installed in just 30 hours.

To their great satisfaction, the project was carried out as a complete service with civil engineering in just three days. Erhard Micklisch, owner of M&M was impressed with the technical benefits and the profitability of his new GRUNDODRILL 11XP.

Like what you see? Have a suggestion or comment? Tell us what you think of
E-News Flash by WorldWide Drilling Resource®
E-mail: e-news@worldwidedrillingresource.com
**Plan NOW for December 2018 and ONLINE through November 2019**

**Buyers Meet Sellers Time!**

You’ve seen it online at [worldwidedrillingresource.com](http://www.worldwidedrillingresource.com) ~ you saw it last year in our December 2017 issue ~ **BUT, were you included?** This is the very best advertising opportunity of the year, and you should be part of it! **WorldWide Drilling Resource®** is the only drilling magazine with over 39,119 average printed and distributed copies each month and countless online readers worldwide! Just think of those contacts you will reach! It’s easy - just complete this form in its entirety; scan and e-mail, fax, or mail the completed form to us, and we’ll do all the work for you!

**NOTE:** You must e-mail your clear logo in jpeg form to kathy@worldwidedrillingresource.com or jan@worldwidedrillingresource.com if you desire to have it included (no extra charge).

For only $175 per ad (current advertisers) $225 per ad (non-advertisers) the following will be included in our December 2018 issue:

- Your listing of 50 words or less
- Full color logo or photo

* One year’s presence on [worldwidedrillingresource.com](http://www.worldwidedrillingresource.com) with a link, beginning December 2018

So, let’s get to it - just complete this form and send it to us via e-mail to kathy@worldwidedrillingresource.com or jan@worldwidedrillingresource.com; 850-547-0329 (FAX); PO Box 660, Bonifay, FL 32425 today.

**Questions?** Call Kathy or Jan at 850-547-0102.

**DEADLINE 12:06 PM CT October 10, 2018.** **Please refer to sample on the next page.**

<table>
<thead>
<tr>
<th>Company Type: (Please Circle)</th>
<th>Distributor (D)</th>
<th>Supplier (S)</th>
<th>Manufacturer (M)</th>
</tr>
</thead>
</table>

| Company Name: | | | |
| Street Address: | | | |
| City/State-Prov/Postal-Zip Code/Country: | | | |

| Contact person to appear in listing: | | | |
| Phone: | Fax: | Mobile: | Website: |
| E-mail: | | | |

Fifty (50) word listing:

(Please circle) **Yes** I want my logo included FREE. **No** I don’t want a logo included.

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BUYERS MEET SELLERS 2017-18

BMS Legend

(M) = Manufacturer
(D) = Distributor
(S) = Supplier

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Warrenton VA 20187 USA
(540) 347-3440 Fax: (540) 347-3441
Contact: Judson E. Walls

SAMPLE ONLY - also see the online Buyers Meet Sellers, which stays on www.worldwidetoolingresource.com for one full year!

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Bentonite

Wyo-Ben, Inc.
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Contact: Stewart Krause
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