

[Print-friendly version](#)



**Introducing Surfer<sup>®</sup>13**  
 Superior Mapping with Over 250 New Features and Improvements. Same Low Price!

LEARN MORE  
 Demo for free

**Sealed Bid Auction**  
 Sept. 30, 2015  
 Perkasie, PA

\*11 VERSA DRILL V-1040DP  
 \*04 VERSA DRILL V-2000NG  
 Mud Recycling & Grouting Equip

Click Here For Complete Info!  
**HUNYADY AUCTION CO.**  
**(800) 233-6898**

## Drilling Companies and Charities Restore Ethiopian Water Well



Photos courtesy of Design Water Technologies, division of Jet-Lube

U.S. drilling industry members and two Christian charities donated equipment, supplies, and expertise in May to rehabilitate and return a partially blocked primary water well to full capacity in Sendafa, Ethiopia. The well is a primary water source for 15,000 residents.

Living Word Community Church (LWCC) donated \$45,000 to the effort. It was the first environmentally friendly treatment of a mineral-blocked well in Ethiopia—and possibly the first water well rehabilitation project of its kind in Africa—according to Ethiopian officials.

**Well Drilling Equipment**

Bid Online Now!

Mt Calvary, WI

September 8, 2015

protect your groundwater day

September 8, 2015

Show your expertise.

Become certified.



Pipe capacity at 30 meters before treatment.



Pipe after Unacid treatment.

Well rehabilitation included safely dissolving away accumulated mineral solids and iron-eating bacteria adhering to the screen-style water well's submersible pump and the interior of the pipe. The successful rehabilitation increased the well's output from 32 gallons/minute to 74 gallons/minute—which now eliminates residents' long waits to fill water containers.

LWCC adopted the town in Ethiopia nine years ago and built the \$78,000 water well six years ago to provide more plentiful and safer water.

Jim Honeycutt, volunteer engineer at Water Missions International, coordinated LWCC with Design Water Technologies, a division of Jet-Lube, and David Powell, CWD/PI, president of Edward Powell Pump & Well and the non-profit charity Wells for Relief International.

Jet-Lube and Powell are members of NGWA. Dave Hanson is president of Design Water Technologies and is a past [NGWREF McElhiney Lecturer](#).

Powell donated full consulting services and Design Water Technologies partially donated its non-corrosive and non-toxic Unacid cleaner provided through the South Carolina branch of water/oil drilling wholesaler Drillers Service.

[Back](#)



#### Quick links

[NGWA](#)

[NGWA Bookstore](#)

[Events Calendar](#)

[NGWA Community](#)

[Groundwater Legislation StateTrack](#)

[Publications](#)

[Wellowner.org](#)



National Ground Water Association

601 Dempsey Road, Westerville, Ohio 43081 USA

Customer Service

[customerservice@ngwa.org](mailto:customerservice@ngwa.org)

800 551.7379 (614 898.7791 outside the United States)

8 a.m.-5 p.m. ET Monday through Friday

fax 614 898.7786

© 2015 by the National Ground Water Association. All rights reserved.

The *NGWA® Newszine* is a benefit for members of the National Ground Water Association. If you do not want to receive this electronic newsletter, please send an email to [customerservice@ngwa.org](mailto:customerservice@ngwa.org). While the information in the *NGWA Newszine* has been compiled from sources and documents believed to be reliable, its accuracy is not guaranteed, nor is any responsibility assumed or implied for any damage or loss resulting from inaccuracies or omissions.