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NGWA Newszine



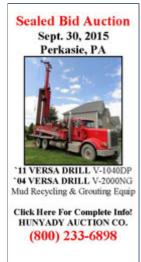
Drilling Companies and Charities Restore Ethiopian Water Well



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.















Pipe capacity at 30 meters before treatment.

Pipe after Unicid 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 McEllhiney
Lecturer.

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

Back

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