

Bourbon Cons. RWD 2 installs new glass-coated tank and supply line

Consolidated Rural Water District 2, Bourbon County, Kan. recently completed a long-needed upgrade of their system east of Fort Scott. The district installed more than four miles of new 8-inch supply line and a 17-foot diameter by 120-foot tall standpipe. The improvements will serve 750 benefit units including Rural Water District Number 7 in Vernon County, Missouri and replaces several miles of 4-inch supply line and a 6-foot by 65-foot standpipe. The upgrades were necessary because of system expansion and increased demand on the 1960s era facilities.

Bourbon County RWDC-2 has served the Missouri rural water district since 1970 and had been experiencing a gradual decrease in

Endicott. “We worked for several years to come up with a design that would aid both our districts and guarantee adequate supply for many years to come.”

The system is a cooperative effort between the two rural water districts; the project also significantly improves the storage capabilities for both districts. The standpipe is a bolted, glass-coated steel, type standpipe.

“The Board of Directors decided the added cost of the glass-coated tank was well worth the investment when compared to the life cycle maintenance costs associated with standard steel standpipes,” says Endicott. “This is our second standpipe of this type and we have been very pleased with their long-term performance.”

The pipeline contractor for the improvements was McInroy Construction of Nevada, Mo. The standpipe contractor was EAI Central, Inc. of Olathe, Kan. The engineer for the district is Agricultural Engineering Associates of Uniontown, Kan.

Bourbon County RWDC-2 supplies 2,788 users, as well as the towns of Uniontown and Prescott. The district serves customers in Bourbon, Crawford, Linn and Neosho counties in Kansas as well as District No. 7 in Vernon County, Mo. Water is purchased from the City of Fort Scott, Public Wholesale District 5, Public Wholesale District 13 and Bourbon County Rural Water District 4.



the quality of service, particularly in periods of peak demand such as in the summer months.

“We knew we were experiencing unacceptable friction losses in our supply lines,” says District Superintendent J.W.

The system went on line in late May and has been functioning well since. Endicott says that the project provides many more options than the district previously had and should give the patrons more reliable service during the summer.



Left: The new Bourbon Cons. RWD 2 storage tank is seen reaching skyward as the construction crew assembles another ring.

Above: With a few segments still to be assembled the new tank takes shape, standing next to the system's older tank.

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