



Well No. 12 control building new pump and SCADA system.



Completed installation of bypass piping for the open water reservoir used as a source of irrigation water for the piped distribution system.



Completed well field piping for Well Nos. 12 and 13.



Completed pump installation for Well No. 47.

Project Description

The City of Lamar, through its Water and Wastewater Department, has been providing the City with water and sewer services for over 135 years. Although the City has undertaken numerous upgrades, rehabilitation, and expansion projects over the years, most of the existing infrastructure was funded and built during the 1950's. Originally, the City's Wells 12 and 13 were used for municipal potable water supply. In 2012, the wells were taken out of service due to non-compliant water quality tests. A 2014 feasibility study concluded that it is feasible to redevelop the wells for non-potable irrigation use, including irrigation of a city-owned cemetery and a golf course, both of which are currently watered with potable water. As a result of this project, Wells 12, 13, 1, 3, and 47 are now connected to the non-potable, irrigation system. Power has been extended to the wells and the well houses are operated with SCADA systems. Pipe was installed in the two, interconnected open water reservoirs to allow for improved operational efficiency and flexibility and to allow for delivery of irrigation water to the City-owned cemetery and golf course.

P R O J E C T D A T A		
<i>Sponsor:</i> City of Lamar	<i>County:</i> Prowers	<i>Water Source:</i> Arkansas River
<i>Type of Project:</i> Municipal System Rehabilitation		<i>Board Approval Date:</i> September 2015
<i>Terms of Loan:</i> 1.95% for 10 years <i>(Original)</i> \$101,000 <i>(Final)</i> \$83,200.49		
<i>Terms of Grant:</i> <i>(Original)</i> \$150,000 <i>(Final)</i> \$131,784.74		
<i>Design Engineer:</i> JVA Consulting Engineers, Inc.		