



Inlet structure during construction



Ditch turnout structures for shareholders



Inlet structure after construction



## Project Description

The Orchard Ranch Ditch Company (Company) serves approximately 350 irrigated acres in Delta County, approximately 10 miles north of the town of Delta, diverting all its supplies via a concrete diversion structure on Surface Creek. The Company's ditch was constructed in the late 1800s by a group of early settlers working together to bring water to their farms, and the ditch has been in continuous operation since. The Company completed piping its main canal and portions of 4 laterals. Approximately 2.25 miles of pipe were installed. Pipe sizes ranged from 36" to 8". Twenty turnouts were installed. An inlet structure consisting of a headgate, a measuring flume, and a screening system was installed. The entire system is pressurized so landowners are able to convert from flood irrigation to sprinkler irrigation.

The project was done in conjunction with the U.S. Bureau of Reclamation's Colorado River Basin Salinity Control Program. Approximately 90% of project costs were provided by a grant from the U.S. Bureau of Reclamation. Construction began in December 2018, and was completed in June 2019. Currently the system is finishing its second year of operation and is functioning well.

P R O J E C T   D A T A		
<i>Sponsor:</i> Orchard Ranch Ditch Company	<i>County:</i> Delta	<i>Water Source:</i> Surface Creek to Gunnison River
<i>Type of Project:</i> Ditch Rehabilitation	<i>Board Approval Date:</i> January 2016	
<i>Terms of Loan:</i> 1.95% for 30 years	<i>(Original)</i> \$151,500.00	<i>(Final)</i> \$136,677.22
<i>Terms of WSRF Grant:</i>	<i>(Original)</i> \$50,000	<i>(Final)</i> \$50,000
<i>Design Engineer:</i> JUB Engineers, Inc. and Robert I. Gallegos, PE		
<i>Contractor:</i> Pitt Construction, LLC		