

8-1. Work By Firm or Joint Venture Which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 projects)					
a. Project Name and Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address and Project Manager's Name and Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for Which Firm Was Responsible
Cheyenne Wellfield Rehabilitation Projects Cheyenne, WY	Well Rehabilitation, Bidding, Specifications, Drilling Oversight, Construction Management	Board of Public Utilities Cheyenne, WY	2001	\$ 3,127	\$ 2,841

### TEN WELL REHABILITATION PROJECT

WESTON provided services to the Cheyenne Board of Public Utilities (BOPU) to rehabilitate ten municipal wells. The primary objective of this project was to recover well yields that have gradually declined over several decades to meet an increasing demand for drinking water. WESTON completed the geotechnical test well drilling of 15 wells and completed one deep test well to explore the productive potential of the previously untapped upper Cretaceous strata. Selection of the 10 wells to be rehabilitated and design of the project required expertise to reconcile well design requirements in deriving groundwater from thinly interbedded aquifers with the characteristics of the water-supply system and the well's overall impact on the water-supply system. WESTON completed all of the test well drilling, and assisted the City with a water rights protest as part of the well rehabilitation project. WESTON completed the design work for the second phase of this project and managed the bidding process. The second phase consisted of designing replacement well completions including pumps, motors, controls, prefabricated wellhouses, piping instrumentation, heating equipment, and tie-ins to existing transmission lines. WESTON also provided management and oversight services during construction activities after the contractor had been selected. The Cheyenne BOPU retained WESTON to provide well design and construction oversight services for the rehabilitation of three additional wells, following the completion of the Ten Well Rehabilitation Project.

In 1998 the Cheyenne BOPU retained WESTON to provide well design and construction oversight services for the rehabilitation of one additional well, and the siting and testing of 15 exploration wells located in the Borie and Happy Jack wellfields following the completion of the Three Well Rehabilitation Project. WESTON was responsible for test and production well designs, technical specifications, and bidding documents and provided oversight for well construction following selection of a contractor. Weston also provided oversight for drilling test wells to determine which wells should be selected for replacement during the 1999 Well Rehabilitation Project.

In 1999, WESTON provided services to the Cheyenne BOPU to rehabilitate five municipal wells. The primary objective of this project was to replace five wells that experienced declining water yields over several years to meet an increasing demand for drinking water. WESTON was responsible for test and production well designs, technical specifications, and bidding documents and provided oversight for well construction following selection of a contractor. WESTON was also responsible for obtaining the necessary permits for the project and designing the aquifer testing program which were conducted following well construction.

In 2000, WESTON provided services to the Cheyenne BOPU to rehabilitate three municipal wells. The primary objective of this project is to replace three wells that have experienced declining water yields over the past several years to meet an increasing demand for drinking water. WESTON is responsible for test and production well designs, technical specifications, and bidding documents and provided oversight for well construction following selection of a contractor. WESTON was also responsible for obtaining the necessary permits for the project and designing the aquifer testing program which were conducted following well construction. WESTON has been instrumental in assisting the Cheyenne BOPU with developing a monitoring well program with the goal of monitoring long-term wellfield performance.

