

## WATER PROBLEMS AT FORT HUACHUGA

### I Water Supply

The source of water for this station is from the underground water table by means of deep wells. There are presently five operational wells and well #6 which has been drilled, cased and tested to a capacity of 1000 gallons per minute. The five wells in operation have a total capacity of 3,350 gallons per minute or 4,820,000 gallons per day when pumped 24 hours. The addition of Well #6 into the system at an estimated cost of \$89,000.00 will augment the well capacity to 5,900,000 gallons per 24 hours which will suffice for all foreseeable future needs of the installation.

### II Water Storage

The storage at this station consists of a 200,000 gallon and a 250,000 gallon concrete reservoirs which supply the upper post area. A 1½ million gallon concrete reservoir which supplies the Wherry Housing a portion of the Capehart Housing and all the MCA areas. A 3-million gallon concrete reservoir and a ½ million gallon elevated steel tank which supplies the old mobilization areas. A ¼ million gallon elevated steel tank which was disconnected by the war assets administration which is in the program to be connected to fire protection for the frame constructed hospital area. The storage capacities are adequate and in good condition.

### III Supply System

1. The supply system is composed of a combination of storage, reservoirs, pumping plants, and supply mains.
2. The 450,000 gallon storage in the two old post reservoirs is supplied by a single 10" steel pipe twenty years old. It connects only wells

c. The US Geological Service Underground Water Survey Branch is making an underground water survey prior to extending the supply header that connects all the wells together, in the direction of Libby AA Field to connect with an existing 18" supply main that extends to the 3,000,000 gallon reservoir.

4. The FY 1960 Minor New Construction items have been approved for execution by the Deputy Chief of Staff, Logistics, Department of the Army and is waiting approval by the Secretary of the Army.

5. The FY 1961 MCA Project has been approved by the Department of the Army and Forwarded to the Department of Defense for their review. This item will appear in the Budget for review of congressional committee next spring if the Department of Defense review is favorable.

#### IV. Water Consumption

The post water consumption reached a high of 3,540,000 gallons for 13 May 1959 at which time a more stringent watering schedule was put into effect for fire protection. If this had not been done, water consumption would have reached approximately 4,000,000 gallons per day which is beyond the capability of the post supply system.