

COLORADO RIVER SIPHON TUNNEL.

By L. N. JESUNOFSKY, Section Director.

It is probable that the Reclamation Service will begin the work of tunneling the Colorado River near Yuma, Ariz., within a short period. It is stated that the water problem, which has for such a long time delayed the breaking through the concrete wall of the Arizona shaft, has been satisfactorily adjusted. A last installment of concrete has been forced down and around the outside of the shaft to put an end to the water seeping through. When this hardens sufficiently, the shaft will be pumped dry, and everything will be in readiness for the work of tunneling.

As showing how close the reclamation engineers are to the tunneling point, it may be stated, with definiteness, that the frame or slide in which cages will run, to convey men and material to and from and to carry the rock taken out of the tunnel, has been placed in position.

At the present time, however, the shaft contains a great volume of water, purposely allowed therein, in

order that the latest additions of cement may properly harden. The pumps are idle, but when they are started it will require only a short time to remove the water.

COMPLETION OF THE ROOSEVELT DAM, SALT RIVER VALLEY, ARIZ.

By L. N. JESUNOFSKY, Section Director.

The Roosevelt Dam, a part of the Salt River irrigation project of Arizona, has been completed and will be officially opened on March 18 next. According to a statement issued by the United States Reclamation Service, the last stone was placed in position in the parapet walls late in January.

The dam is 284 feet high, 1,080 feet long, and is covered by a 20-foot roadway. The waters will be used to irrigate more than 200,000 acres of land near Phoenix, Ariz.

The recent snows and heavy rains have already put a large volume of water in this storage reservoir.