

gold ores, and there are several million dollars still in ore now blocked out. All this has been brought to light in the oxidized zone. The management is now preparing to explore below the water level and the oxidized zone, into the sulphide zone. To make this possible two Swiss pumps are being installed each with a capacity of 500 gallons.

"At a depth of 2,100 feet from the collar of the shaft the Centennial-Eureka has struck the water level. Opex adjoining has the same conditions at the 2,200 level, while the Gemini has the same at the 1,600 level. Considering the difference in elevation of the three shaft collars, the three have identically the same water conditions at the same vertical depth, and this satisfies the management that the water level has been reached at last.

THE CENTENNIAL-EUREKA.

In speaking of the Centennial Eureka mine, at Eureka, Utah, a correspondent of the New York News Letter says.

"One of the most interesting tasks ever undertaken in Tintic mining is that soon to be tried out by the Centennial-Eureka company, the control of which is held by the United States Smelting, Refining & Mining company. This mine has produced many million dollars' worth of silver-lead-

much more economical avenue into the mine for ingoing supplies, while the fact of its connecting with the 500 level of the shaft does away with the necessity of hoisting the ore and pumping the water a distance of 500 feet to the surface. The tunnel connects with the railroad tracks, thus saving a haul of several miles around the mountain to gain the greater altitude."
