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> For President, WILLIAM H. TAFT.

For Vice-President, JAMES S. SHERMAN.



PHOENIX, ARIZONA, AUG. 18, 1909

THE WATER TABLE.

is unable at this time to conceive the clamation project. The fulfillment of than the most optimistic had hoped the main purpose is rapidly develop- for; one that is more easily rejuvening as planned and occasions no surprise to the thoughtful men both also the first fulfillment of the com within and without the reclamation mon prediction that with regular and service, whose efforts have made this great work possible, though its accomplished success is somewhat em- a contsantly lessening flow of ditch barrassing to the prophets of ill omen, water will acomplish a given amount whose voices were loud in the land of work, or to put it in another way only a few years ago. But there are the same quantity of water constant frequent evidences of certain results ly applied will irrigate an ever wid more gratifying than the most sanguine dared to hope for a few years constitute but one of the pleasant surrefer to but one, the raising of the have as the years go by, water level under the valley acreage

To freshen the memory of older residents and for the information of when there was no thought of utilizing the under ground flow of water for any purpose other than houseing and a number of plants were inthe ice and electric plants and other dry years, with limited rainfall both in the valley and on the watershed. About that time the utilizing of the underground flow for irrigation by means of electric power generated at Handsome is the Hand Roosevelt, was seriously considered the reclamation service. The shrinking water table seemingly became a matter of concern to the government engineers as well as to the doubters among the laity, quick to

Prof. Willis T. Lee, a geologist of the reclamation service, spent an entire summer in the study of under ground water conditions in this val ley and meanwhile those depending upon wells for a large water supply were forced to deepen them. The city water works management dug gation from the underground supply as well. but he gave the warning that it is tiful Gift Silverware for your inspec not inexhaustible, should not be wasted and in the event the shrinkage became great the return to former normal conditions would be very slow. He pointed out that the percolation through the strata from the upper end of the valley to the irrigable lands, assuming that the water shed became thoroughly soaked for months and the supply must come from that source, would require years for the raising of the water table materially, except in certain underground channels where the formation was that of coarse rocks and boulders.

Since that time the valley and the watershed have been favored with two or three years of what is considered by comparison as a wet cycle, though the precipitation has been small as compared with that of a wet country. Happy to relate the water table has raised beyond all expectations though the annual drain upon it has been constantly increasing. Manager Ensign of the electric light plant is authority for the statement that in the last year or so the water level in the company's well has raised seven and one-half feet and is now but sixteen and one-half feet below the surface. It has been nec essary to raise the condensing appa-

THE ARIZONA REPUBLICAN ratus placed in the well to a new platform higher up. He jokingly re- employs among others, the following marked the other day that if the expressions: "Clifton eleven," which mise continued he would soon have o build a platform for it above ground and the people of Phoenix strenuous game of croquet; "stumps vould find it necessary to thread drawn at 6 o'clock," an expression heir way through the streets in that recalls tender memories of "mumpoats after the manner of the Vene-

The conection between present conditions and the opening remarks con- are suggestive of baseball; "long on, n the fact that for the last year ecent years than during the dry cycle to date between two and three inches xcess Prof. Lee is too eminent a geby The Republican and if he is even approximately correct concerning he time necessary for the raising of the water table by percolation from above the raise must have been brought about in large measure through the seepage from the canals which the government has kept well Even if Prof. Lee is slightly in er-

ror as to the time required the valand whether he was in error or not the valley is to be congratulated on Even the most discerning observer the prevailing condition which in one way or another is largely due to the reclamation service. The condition demonstrates a more permanent and threatened Japanese war to relapse dependable underground water supply ated than anyone had imagined. It is constant irrigation the ground will be come so saturated with moisture that ening area of farm land. These facts It is proposed at this time to prises the valley has had and will

Phoenix needs a cricket team for new-comers a few quite well known the reason that it would not cost facts will be recalled. Years ago great deal and that game seems to embrace the best features of ever sport with which civilized man familiar. In making that statemen hold uses or stock water, it was com- the writer confesses entire ignorance monly known that on all the lower of the game and draws his conclulands of the valley water could be sion from a half column in the Los secured in abundance at the depth of Angeles Times, aanouncing a cricket from fifteen to twenty feet. Then game last Saturday between a south came the idea of irrigation by pump- ern California team and a team composed of Clifton, Arizona men. Crick The drain on the under- et. like "Shinny on the ice," tobogground reservior by such expanding ganing and yacht racing, is rather institutions as the city waterworks, new in Arizona and as the writer ha been in Arizona longer than it took large wells, began to be noted. This some men to achieve fame and die, was followed by a cycle of unusually his ignorance of the game is neither surprising nor criminal

The Los Angeles writer in his an



adorned by our jewelry. Rings ex more and deeper wells as did the ice quisite in design and execution companies, all being forced to go Bracelets of new and original pat down many feet to secure an ample terms. We have a large watch and supply. Professor Lee's report was clock deartment in which are many excellent time-keepers and many favorable to the possibilities of irri- that are beautiful parlor ornaments A fine assortment of beaution.

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certainly savor of the prize ring; bats, balls, runs and fielding," which "long off" and "long leg," a decided which do not seem to be mired to open a jack pot in the game The Republican endorses it on gen eral principles and hopes the Clifton team will be quickest on the dray and shoot the eye out of the Californians,

From a republican point of view it is deplorable that the factional controversy between the Taft republicans of California headed by the Los Angeles Times and the Lincoln-Roose less the country at large is receiving ome benefit in that the Times has emporari'y at least, allowed its into a state of coma

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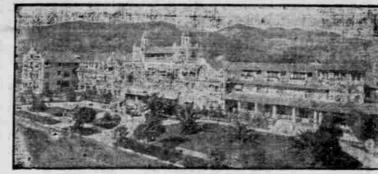
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