

COPY OF LETTER HERE WHICH RECOMMENDED PROJECT'S APPROVAL

A copy of the letter to Secretary of the Interior Payne in which Director A. P. Davis recommended approval of the proposition submitted last month by the Auxiliary Eastern Canal Landowners' association for the utilization of waste waters to irrigate 35,000 acres of land east of the Salt River project, with the secretary's note of approval attached, has been received at the office of the association here, and was made public yesterday. The letter by Mr. Davis is self-explanatory. It follows:

Washington, D. C., May 20, 1920.

The Secretary of the Interior, Dear Mr. Secretary:

I transmit herewith a communication from Richard E. Sloan, attorney for the Auxiliary Eastern Canal Landowners' association, which proposes to build a canal eastward of and parallel to the most eastern canal of the Salt River project to cover higher lands to the extent of about 35,000 acres. The proposition is explained in the enclosure accompanying the letter, which is herewith transmitted.

The essential merits of this proposition depend upon the extremely erratic and wide fluctuations of the water supply of southwestern streams. Years occasionally occur, and sometimes several in succession, where the Salt River basin may yield between 2,000,000 and 3,000,000 acre-feet of water; and other years, sometimes as many as six in succession, where the yield averages less than one-eighth of this amount. Such a drought occurred in the years 1838-1864 inclusive, and in this hot, arid climate such a drought means death to unirrigated vegetation and ruin to the people who depend thereon. Widespread ruin prevailed in the Salt River valley during the period above mentioned, owing to the construction of canal systems for which water could not be furnished.

On the other hand, long periods of abundant water supply occur in which water might be stored, but this cannot be made available for a drought protracted over six years except by storing enough water to provide an additional supply during all of the six years. Assuming three acre-feet to each acre, it would require 18 acre-feet to add one acre, or 180,000 acre-feet to add 10,000 acres. The storage capacity must therefore be sufficient for this quantity of water plus the evaporation during the period from the year when the surplus supply is obtained to the year when it is used, which might be about 10 years. In this hot arid climate, this evaporation is very high, so that the storage requirement would be enormously increased from this cause.

For the above reasons it is not physically practicable to utilize all of the surplus waters in irrigation by means of storage, but a large quantity of such waters can be beneficially and profitably used if consumed in the years in which they occur, by tracts of land which while using the surplus waters, can be so limited in their water rights as not to interfere or detract from the rights of the older lands during periods of drought.

The proper utilization of the water supply, therefore, means a careful determination of the area which can be given a reasonably complete supply during all years, and another totally distinct area which is entitled only to such waters as can be considered surplus without encroaching upon the rights of the other lands. The proposition presented by Judge Sloan is to create a district of the second class, and with proper restrictions, to safeguard the rights of the older lands such as are proposed in his letter. This is not only safe and wise, but it is the only means of safely utilizing a vast quantity of water that must otherwise run to waste during a majority of years.

The Eastern canal, from which the Auxiliary district proposes to take its water supply, heads upon the south side of Salt river at Granite Reef dam, and thence intercepts all waters from both the Salt and the Verde, and during the current year there is a large quantity of water going to waste which can be utilized by such a diversion in the manner proposed.

The nearness to the Granite Reef dam of the proposed pumping plant means that the main canal expenses will be relatively small. The area to be irrigated is very close to the river and most of the canal construction will be that necessary for distributing the water to the lands without any long transmission between the points of diversion and use.

The requirement for power to perform the necessary pumping is of course an important consideration, but the years in which a large supply will be available for pumping are years which for the same reason are years of surplus power, because the water is abundant with which to produce this power and the reservoirs are full, thus giving a large head upon the wheels and producing a large amount of power per unit of water. In the years when the water supply will be scanty and power supply will, for the same reason, be scanty and will not be required for pumping the surplus waters because there are not surplus waters available for pumping. In other words, the fluctuation of a power supply runs roughly parallel to the fluctuation of a water supply, and such uses of power as here described are in a considerable degree surplus uses for the above reasons, and tend toward the utilization of all the resources in a peculiarly efficient manner.

A map showing by hachures the area to be served is herewith enclosed. In some respects the proposition of this association resembles that of the Paradise Verde district, but it differs in three essential particulars:

1. It will cover an area most of which is known to be underlain with ground water, which can be pumped from underground at reasonable expense, and though the quantity of this can not be certainly predicted, it is large and will largely supplement the flood waters it is proposed to divert.

2. The water will be diverted from the river at Granite Reef dam, which intercepts the waters of both the Salt and the Verde, thus having more than twice the opportunity for a water supply than could be secured from the Verde alone.

3. The association is said to be willing, and should be required in its contract for water, to limit its development to annual crops except in so far as they can be supplied from underground, and shall agree to have its water supply entirely cut off during periods when the river supply is sufficient only for the service of lands of the Salt River project.

For the above reasons, I respectfully recommend that the general proposition submitted by the Auxiliary Eastern Canal Landowners' association, be approved and this office be authorized to join in negotiations between the Water Users' association and the said Landowners' association, to the end that the resources of water and power can be utilized to the greatest feasible extent.

Very respectfully,
(Signed) A. P. DAVIS, Director.
Recommendation approved May 21, 1920.
PAYNE, Secretary.

ANOTHER AMERICAN HAT TO "STORM" PARIS



NEW YORK—Undaunted by the refusal of Mme. Deschanel to accept the \$5000 American gift hat, milliners of this country made the initial step in another bid for American fashion in Paris, when Miss Leslie Earl sailed for France wearing a new "trial hat," which she will introduce to the Parisians. The bonnet is of porcupine straw, trimmed with blue paradise feathers.

MISS DORIS OTTO WEDS EDGAR BELL

A wedding of interest took place in Glendale yesterday morning when Miss Doris Otto, daughter of Dr. and Mrs. Emmett Otto, became the bride of Edgar P. Bell, assistant manager of the Glendale Lumber company. The marriage took place at the M. E. parsonage, Rev. J. E. Faris reading the impressive double ring ceremony in the presence of the relatives and a few close friends.

Mr. and Mrs. Bell left immediately after the ceremony for a motor tour of the northern part of the state. They will pass the greater part of the summer in Flagstaff and at the Grand Canyon and on their return take up their residence in a charming home in Catlin court.

Mrs. Bell has lived for a number of years in Glendale, where she has a legion of friends. She attended the local schools, going later to the Northern Arizona normal school. She is unusually pretty and attractive and popular with all who know her.

Mr. Bell came to Arizona from Chicago two years ago and is also generally well liked.

EIGHT BROTHERS ONCE, GASS BROS. NOW IS BUT ONE

From an original personnel of eight brothers, the firm of Gass Brothers has contracted in membership with the passing years until but one brother remains in the restaurant business in this city. Leon R. Gass is the brother who now is sole proprietor of Gass Brothers, probably the best-known eating place in the state. Never closed, except by fire, its electric signs have blazed through the night greeting travelers as they come from the railroad stations up Central avenue and making that name almost synonymous with Phoenix.

Although Leon Gass has been sole proprietor of the restaurant business for eight years, there has been no change in the name of the firm until a few days ago, nor in the signs. But now the electric sign reads "Leon R. Gass" and it cost several thousand dollars to make the change, it is said.

Charley Gass, the youngest of the entire eight brothers, was the last to sell his interest to Leon Gass. Charley and Leon came to Phoenix in 1905 and bought the Hogie chop house. Eight years ago Charley sold his interest to Leon.

The eight Gass brothers started in the restaurant business in Chattanooga, Tenn. They were the entire business, cooks, waiters, cashiers and all. No outside help was employed. For 15 years the Gass Brothers restaurant was a fixture in Chattanooga, but gradually the brothers drifted apart, Leon and Charley finally coming to Phoenix.

During the early days of the Gass Brothers chop house in Phoenix the monthly rental for their place of business was \$75. The owners were apparently pretty and attractive and popular with all who know her.

Mr. Bell came to Arizona from Chicago two years ago and is also generally well liked.

ently glad to get that, Mr. Gass said yesterday in recounting old experiences. But with the growth of the rental prices have gradually increased. During the nearly 15 years the rent has increased almost seven times. Only recently Mr. Gass entered into a five-year lease for his present quarters at a monthly rental of \$500.

While Leon and Charley Gass were the only ones of the brothers to go into the restaurant business in Phoenix, several other brothers came to Arizona from Tennessee. Two of the brothers, Julius and Adolph, are now in the employ of Leon. Alfonso and Louis are engaged in the restaurant business at Long Beach, Cal. Henry is a civil engineer at Florence, Ala., while Charley is a rancher in the Salt River valley. The eighth brother, Paul, is dead.

MONEY WAS WELL HIDDEN—DISCOVERED LONDON—The next time T. Razutsky wants to hide his money he'll swallow it and then be afraid they'll use a stomach pump to take it from him. Razutsky is a Pole and was on his way from America to Rangoon when taken ill and removed to an infirmary here. He only had a few shillings in English money but the nurses found \$220 in gold pieces in clothing and then put X-rays to his boots and discovered \$950 more in American gold.

PREDICTS HARDING WILL WIN EASILY

Declaring that Harding will sweep the country with a big majority, Ed Stephens, secretary to the Live Stock Sanitary board, returned yesterday from an eastern trip that took him as far as New York. Mr. Stephens returned home by the southern route, stopping several days in New Orleans. Throughout the East, Mr. Stephens stated that he heard nothing but Harding talk and even through the South it was apparent that Harding would receive a large vote.

New York is betting two and a half to one that Harding will beat any man the Democrats choose to nominate. "People are beginning to look to the man rather than to the party," said Stephens.

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Plate Glass

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L. W. HOFFECKER

El Paso, Texas

IS IT LEGAL—

the way you sell lumber, a man cried out yesterday yes, he must weigh about 300 pounds alive, very much round for wide out, but not so tall for high up, but the looks on his face indicated that something was wrong and he was after something to satisfy his mind. So he said, fiddling Mike, I just now came from a house. They was laying Oregon pine flooring, the owner said that he bought that from you for less than a hundred dollars a thousand feet. How about it? Well after telling me all this I felt a little better, the chills that came over me at first, all disappeared, his tiger voice didn't scare me any longer. I know he was investigating lumber prices. I can satisfy such people. Then I said in a low but loud enough tone so he did not have to ask the second time, Yes, I sold that to Mr. Mitchell FOR LESS THAN A \$100 per 1000 feet. Well, by the smoking fire wood, I paid \$140 per 1000 feet not over 2 weeks ago. Well, I said, may be it was different flooring, different, well I didn't see a knot in your whole floor, no, I told him, it's perfectly clear, well I want 1200 feet of it right now if I can buy it for less than a \$100; let her go. I got stacks of it at \$85 to \$99 per 1000 feet while it lasts and I sold him shingles at \$7.75. I sold him siding at \$45. I sold him 6-in. joists at \$45. I sold him sheathing at \$45. I sell sash, door, roofing, battens. I got a big stock on hand, and must slaughter it off, as this property is sold to Pacific Gas and Electric Co. I have to dispose of this stock or move it. You get leads here that will make the future look brighter for you, for your own benefit, as well as mine. Come and look it over, no matter what you intend to build your orders will be filled.



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