Sunday, April 11, 1965 - 17F Investment Great, But Returns Are Greater

Economics Give Proof Of Point

In a land where rainfall is plentiful and vegetation lush, the economics of irrigation is hard to understand. Rain is free but dams, canals,

hard to understand.

Rain is free but dams, canals, laterals and ditches cost money. It takes a lot of man-hours to keep an irrigation system runing smoothly and money for wages is like a leak in a canalhe water's moving but there is no increase in production.

All of the same dischere to people with umbrellas. Even when they're convinced the reclaimed land is needed to feed the growing population, they still feel that trrigation is an expensive way to farm.

The economic facts, however, do not bear this out. While the cost of bringing water to arid land, and keeping it there, is off into the wide biae yonder. Take Yakima Valley for example. Since 1907 irrigation has cost approximately 3100 millions but the cumulative crop returns so the system of the content of the cumulative crop returns for 56 years reaches \$2.12 billions.

power \$4,462,682.70, none; Kennewick \$10,270,729.05, 19,171; Kennewick power \$3,582,500.73, none; and Storage \$10,095,

Per Acre Costs

Per acre construction costs on the Yakima Project varied through the years, depending on the time the work was done and the time the work was done and on the type of construction needed. For example, the Sunniyade Division and the Tieted molivision went in at approximately the same time but the former averaged \$90 an area for the sunnitary of the same time but the cost of the Tieton project was boosted by the construction of expensive mountain tunnel-



The figure, though, does not because the results from low-site of the state of the district of the district of the district of the district of the state of the district of the state of the district of the state of the district of the district of the district of the state of the district of the distric

nyside and Tieton Divisions and, in some instances, farmers contributed their labor and their teams to the work to eat costs.

These things make it difficult to assess accurate construction Costs. However, if an arbitrary Telton Dam \$4.597,118.51, 18.51,

costs, provides the overall \$100 millions believed to be the cost of irrigation. More Accurate

Figures on the income produced by irrigation in the Yak-ima Valley are considerably more accurate than the figures on construction costs and on operation and maintainance.

on construction costs and on operation and maintainance. About the only thing lacking in the \$2.12 billions are income figures from very few of the smaller districts.

Beck in 1907 there were a number of small districts in operation but their combined acreage was not large. In that year, bowever, the Sumyside Division began to produce, with 40,000 acres under water, the income was reported at \$2 millions.

the income was reported at \$2 millions.

Three years later 1,095 acres on the Tieton Division came onto the line and produced \$41, 100 in income. Meanwhile.

100 in income. Meanwhile.

Sumpyside Division and the total income reported amounted to \$3,367,300.

Projects Listed

By 1918 the Wapato Project reported it had 61,000 acres under water and estimated its income from crops at \$6 millions. The Tieton, with 26,400 acres, was in full production and reported in the production and reported areas and the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and reported areas are sumply as a sum of the production and the production areas are summer and the production and the production and the production areas are summer and the production and the production areas are summer and the production areas areas areas are summer and the production areas are summer and the production areas are summer and the production areas areas are summer and the production areas areas are summer and the production areas ar

come dropped even though acreage was increased.

The Kennewick was on the line in 1934 with 2,158 acres producing \$145,931. Kittlas then had \$2,000 acres producing \$2,931,150. Wapato \$1,000 acres producing \$2,931,150. Wapato \$1,000 acres producing \$2,931,50. Wapato \$1,000 acres producing \$2,931,50. Wapato \$1,000 acres producing \$3,934,885. Total income that year was nearly \$11 millions.

Willions. Since Start The Roza's beginning was slow and in 1941 only 1,861 acres were under water. They produced crops valued at \$239,-417.

Kennewick then was up to 3,-

come dropped even though acreage was increased on the late of 1834 with 2.183 acres producing \$145,501. Kithitas then and \$2,000 acres producing \$145,501. Kithitas then and \$2,000 acres producing \$145,501. Kithitas then and \$2,000 acres producing \$145,000 acres produced \$1,233,000 acres, produced \$1,233,00