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Water Is Mined Like Gold, and It's Just as Precious

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tles. Even in our desert feet of water. created from the erosion of sion of agriculture. the bordering Tchachapi, Sierra Pelona, and San Gabriel Mountains.

Colonization has taken place only in the vicinity of fresh water sources; the population in Antelope Valley is a good example of this rule. Like gold, the water in Antelope Valley is mined. More wealth will have been taken from Antelope Valley from mining water than has been removed by placer gold mining in California, be-

its removal. In contrast, the year. water deposited in the pleistocene alluvium of Antelope Valley has been mined for three quarters of a century it annual rates as high as 700,000,000 tons.

As late as 1930, the ground water surface which slopes toward Lancaster caused artesian wells to flow. Large streams of water flowing from wells without pumping was a stimulant to a booming agricultural economy which has flourished for three quarters of a century.

Being centrally located in a large valley whose agricultural economy was supported by abundant water, Lancaster became the principal trading center for the cattle may be sufficient to support

the urban population of normal amount might well Lancaster at 3,594; the 1960 be in error. Climatologists census indicated a popula- offer much evidence to show tion of 26,012 for about the that the temperature of the same area. The population of earth is becoming warmer.

Like gold, water is where fa have been produced and ing the computations used in one finds it. When miners exported from Antelope An-forecasting the "normal discovered gold in Californ-telope Valley which re-average" for the next fifty in, they also fund water in quired for its growth 12,000,seemingly endless quantiquired for its growth 12,000,000,000 tons or 9,000,000 acre
For

good for a land locked water artesian well zone has long ing the Antelope Valley-East basin. The water basin was since disappeared through Kern water basins. formed by the alluvium the pumping and the expan-

Like gold mining, the mining of water will stop when there is no more. The water mine can be restocked lope Valley-East Kern is now. Supplies must be planned for attrition of local water rewater mine can be restocked lope. peril to this whole region area. would be sounded by indusseeable future.

Trend Noted.

"Normal" rainfall in the to expand the population in ance system will be in watershed, theoretically. and farming activities in a population between 150, Antelope Valley.

a population between 150, 000 and 250,000. However In 1950, the census placed our concept of what is a Antelope Valley in the same Glaciers are receding, and period grew from 23,000 to some have disappeared. Wa-

BY RANDLE G. LUNT | 70,000. In 1990, the popula-tion may be 500,000, or more. slowly rising, and significant ware Antelone Valley. Water Agency. It is estimated that more place in the last century than 15,000.000 tons of alfal-sufficient to warrant modify-

For more than fifty years of stream gauging experties. Even in our desert leet of water.

Of stream gauging experience of Antelope Valley, Much of the water from lence, a significant downwater was abundant. The the early artesian wells was ward trend is noted in the quality was exceptionally wasted by evaporation. The runoff of storm waters enter-

We have experienced a long dry period. The current year may well be the driest

man habitation.

Relation Seen

though, with imported was subtly related to that of the AVEK as the water agen-

gineers who realize that idents that their stake in this provisions for future water area is not jeopardized by

ter. Were it not for the most Los Angeles Basin which is cy is called, has entered into security of the Antelope fortunate prospects of im-overcrowded, congested by a contract with the State Valley-East Kern water baporting water from the Calitraffic and smog ridden. This Department of Water Refornia Aqueduct in 1972, real relationship existed before sources which will assure Legislature which approved concern would now be felt the aviation industry accel-delivery of adequate quanti- the California Water Resour-and the alarm of economic erated the growth of this ties of supplemental water to ces Development Bond Act area. the Antelope Valley-East and the Antelope Valley-We must assume that the Kern County areas. This East Kern Water Agency. trial investors for fear of pressure for expansion by water will be delivered by depletion and possible de normal population growth the State via the California struction of the ground wa-taking place in Southern Aqueduct from the Feather ter reserves within the fore-California, and the great River at Oroville Dam. It desire for people to migrate will arrive in 1972, by then to this temperate climate, the Antelope Valley-East will most certainly continue Kern Water Agency convey-

mining in California, between the urban uses of water the urban uses of water the urban uses of water. These uses are small, however, compared to agricultural uses. The combined uses of water pumped from the ground water pumped from the ground water pumped from the ground water basin continue its trend to broaden and diversify its industry less too low to profit from the removal in contrast, the removal in contrast the removal in contrast the removal in contrast the removal in contrast, the removal in contrast the removal in contrast the removal in contrast the removal in contrast the removal in the ancient mineral table. Some facts remain the ancient mineral to the lowering ground water levels, the Antelope Valley-East Kern an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the finds it; but, we must now an imminent threat to the fin

This new assurance in the



AERIAL VIEW shows the Edwards Air Force rocket site where the 6593rd Test Group is now conducting development work on the future propulsion systems.

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