

upon the VALUE of the WATERWORKS PROPERTIES

of the
URA COUNTY POWER COMPANY,
Ventura, Gal.

J. B. Lippincoll.

Light & Power Corpn., ific-Electric Bldg., cal.

81r:-

In accordance with instructions there has been maded atudy of that portion of The Ventura County Power's system devoted to the sale of water in and around Ventura. The findings are as follows:

FOR RATE FIXING PURPOSES

rst:- The present value of the entire water works is

cond:- The present value is the total of the following segregations made of the

entire water works:

I. Ventura Avenue and City System

II. Power Ditch Irrigation System

III. Mound Irrigation System

IV. Beach Pumping System

Total

260,4

11,7

79.1

2,1

354.1

\$345.00 per miner's inch 342, II. The going value EI, III. The non-operative equipment 370 Total The total sales value therefore is \$425, urth: - The sales value of the various systems comprising the water works is I. Ventura Avenue and City System 320. II. Power Ditch Irrigation System 18, III. Hound Irrigation System 90. IV. Beach Pumping System 2, 3425. Total It should be noted that these values Ith: contain such items as real estate, buildings, operating equipment, etc. that are used jointly by the water, gas and electric departments. A sale of the water works and a retention of the gas and electric business would probably demand a recapitulation of these items to obtain the desired selling price.

Respectfully submitted

I. The value of 123 miner's inches of reserve domestic water at

the Ventura River about three miles above the city at the mouth of Canada Larga, and conveyed to it through constructed by the Mission Fathers, or under their in.

On January 4. 1869, a franchise was granted to

--- AT A STATE OF A STATE OF THE OWNER OF

the exclusive right to serve San Buenaventura with we period of fifty years. On June 26, 1871, Armaz. ned their franchise to Ex Senator Thomas R. Bord and se, who in turn assigned it to the Santa Ana Water Corch 26, 1874.

The company filed a notice appropriating 20 inches of the flow of the Venture River on July 7 notice was dated January 10, 1870. On November 2 filed another notice appropriating 500 miner's inches sech 1874 this company acquired by deed from Tadeo Andrea 1874 this company acquired by the 1874 this company acquired by the 1874 this company acquired

p of lonterey and Los Angeles, as trustee of the Ron

attended the church had

The Santa Ana Water Company was incorporated Ja

doms. Phillips and Brotherton in 1901. These new Ovocrated the Ventura Light & Power Company. The dissue was retired and a new bond issue made. The llips interests were purchased by the Ventura County pany in 1906 and the lacific Light & Power Company p cotrolling interest in the Ventura County Pewer Comp the year 1914. The Ventura County Power Company rates gas, electric and water properties in the town tura, Oxnard and Santa Paula and intervening territo agoment of these properties is under one head. The Mound Water Company was a mutual water oc poreted on November 7th, 1904, for the purpose of in tain lands by pumping, situated immediately east of Ventura. The capital stock of this company was i which \$20.200.00 was subscribed at the time of the t The Beach Pumping System was originally built ruel Land Company. This property was sold to the inty Power Company and now is operated as a portion ty System. This report is a valuation of all of the about

was the Wen

Coyote Creek. The surface and underground flow s checked and diverted to the city through some fir s varying in size from a thirty-six inch concrete ake, to an eight inch riveted steel main at the ci in is tapped outside of the city at various places ion and domestic purposes as well as feeding some mains in the neighborhood of the gas plant. Th reservoirs are located near the upper end of the inner as to take the overflow therefrom. The co lows only about three quarters full. However, 1 ble at the dam or on the mains, at a point above t take, the reservoirs are operated as an emergency a su ly equ'il to some eighteen hours demand under conditions. They may also be operated as sett during flood periods.

POWER DITCH

AND THE RESERVE TO BE AND THE PARTY OF THE P

The Power Ditch Irrigation System is entirely that Yentura Avenue System. It takes its water

the 36 inch power rain at a point near the power rains at a point near the power rains at a point near the power reends easterly to Ventura Avenue where it joins at pipe which runs about a mile further east are branch of the Power Ditch System originally dive the ditch above the reservoir, but that portion ashed out in February 1914.

was

VENTURA CITY SYSTEM

The Ventura City System is fed mostly by th

y from Casitas Dan. There is a small high sovoir and booster plant in the city for high presoner plant consists of a 3-stage, motor driver ifugel pump, which operates directly into the high although it may pump directly into the reserv service mains are connected with the Hound Systones may be had of any pressure available there

service reservoir has a capacity of 65,000 gall

than one hundred and fifty miner's inches or thirtee aund gallons per twenty-four hour run, at the rate of cents per day inch, and domestie water at \$25.00 per one hundred thousand gullons. This equals 2.5 cer and gallons for the domestic service. The course ly is three artesian wells in the lower Santa Clara original steam plant has been converted into an elecon centrifugal system which pumps the water against a of 250 feet without frietien, some two and one half a two million gallon concrete lined reservoir. Dr mains tap this line at various points. The Ventu em is connected with the Mound System with an eight with a one and one half inch line. Ever since the Mound System has been purchased ura County Power Company, it has been operated at a ow so operated. While it was originally a mutual rtion of the water that is pumped is now being deliv City of Ventura for general domestic distribution; a ion is being served to irrigators who are not member inal mutual company, and other water is being delive Flume Company's rate case, contracts that have been into, fixing permanent rates to apply indefinitely are ultra vires, and consequently invelid. If the case this mound system would have to operate in the case this mound system would have to operate in the case this mound system would have to operate in the case this mound system would have to operate in the case this mound system would have to operate in the case this mound system would have to operate in the case this mound system would have to operate in the case this mound system would have to operate it was an destroy all its value. In this report it is a some legal manner a just rate may be fixed which will reasonable return on the legitimate investment.

BEACH SYSTEM

The Beach Irrigation System was originally a deve

In Miguel Land Company and consisted of three wells into Clara gravels, and some three quarters of a mile The wells were ruined by floods during the winter pipes are now connected with the Mound System.

County Power Company has never secured a deed to the the Beach wells are situated.

VALUATION AND DAY MCIATION

The walne of this system is based upon the cost of

ato, fixing permanent rates to apply indefinition of a ultre vires, and consequently investig. If the the vires, and consequently investig. If the the case this hound system would have to operate in y at a loss, which would be impresticel, and it would be a teatered.

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a reasonable return on the legitimate investment.

ome legal marner a just rate may be fixed which will

destroy all its velue. In this report if is as

The Beach irrigation System was originally a develon interest of three wells of three wells of the gravels, and some three quarters of a mile the wells were rained by floods during the winter of the

WALUATION AND DAPROIDATION

the Beach wells are attucted.

The value of this system is based upon the cost of i

I be a gradually diminishing quantity. In orde r may have a fair return on his investment at all s would have to be high during the early life of t when the amount of the interest return on the inv is large, and low during the latter years of life whom the invented capital is small, and the interthis capital would be little. In the method of errociation adopted in this report, the effort has stablize the rates over the life of the property by nound allowance for depreciation which gradually in he life of the property. This allowance is in a al contribution to a sinking fund, plus the year's semmulated fund at the beginning of the year. 1 epreciation allowances without interest will aggreg as of the property at the end of its life. If d allowances consist only of annual contributions to . which, when placed at compound interest would equ the property at the end of its life, the owner of t would suffer an injustice, as he is entitled not o tion of the San Gabriel Velley Water Company's wor the City of Albambra, California. It is the me by a Second Committee of the American Society of in their report upon the Principles and Methods e of Jublic Utilities for the Purpose of Rate Makin 1st, 1913. The method as outlined above and in I, is here used in arriving at the money value of ion. The pipes of the Ventura System have been uncover in sixteen different places. Other pipes in th many lave also been noted internally and external date and experience in other cities in Southern C table of probable life of pipes of various sizes a water works experts in this port stree that the old wrought iron riveted pipe. su

shed twenty or thirty years ago, has far greater land the newer riveted steel pipe now on the market aphasized in the examination of the Ventura pipe of on class. On a large portion of the screw and

new, both as to the plates and rivets. . Some been regainted with this seating. A lipe in 2 inch riveted pipe on Ventura Avenue apposite ti Other pipe in the system which had dipe or the t where relined asphalt apparently had been used eracked or deteriorated, and the underlying metal of the prevalence of the iron plates and bres dir pi c is given on unusually long life in the table OBSOLESCENCE

three to perform their service in a satisfactory inco. a 2 inch pipe may furnish all the water requests on a street at the present time, but shen the reatly increased it will become include of discrete, and will then be obsolete. The increase is any claim claim, but even then there will be not contained in the contained of the care of the probable length of life of the pipe. The increase is the probable length of life of the pipe.

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		THE RESERVE

This is especially he massage of the severe California employers' lia These charges should cover: preliminary enginees dministration, general executive, sundry lesses, en ments, policing, tests, temporary buildings, interstruction, contractor's profit, insurance, etc. ay be classified as follows: Engineering supervision and general executive Auxiliary and incidental Interest during construction Contractor's profit Liability insurance Total purpose of this report 30 per cent is added to co mdirect costs, except in the case of certain build ts, office and operating equipment, and the Casita cok values of recent construction costs of the con ilable and used, in which latter case 5 per cent i or executive ex ense. See Appendix I for a fun dan of this subject.

To the contract the traction of the contract the property of the contract the contr ions that existed at the time of the original co ions being ande for depreciation. About 64 p ins in the City of Ventura are laid under paved these pipes were installed prior to, or at the s were pared in 1908. For this reason the ac e laying on account of pavements has been small. on of the allowance of value for pipes that had to the suring of the streets on account of the s thereof, is one concerning which there has been f discussion and strong argument may be presente A utility corporation is entitled to enhance the rise in the price of real estate and consequent argued that the paving of streets subsequent to ine therein, makes pipe laying more expensive, as nhanced cost should also be included in valuating us boards of apprecisal with which I have been con ade such allowances. However, the question of tion of the system should be considered in an al to ask them again to pay for such portions of the replaced over the pipes.

to be just and logical in the procedure, and after ation of the question of the relation of the value venents, the conclusion has been reached that in for concerned, allowance be not made in this instance of the concerned.

SERVICE CONSECTIONS

high a service was run to the property line. To ded the territory which is called the Ventura Aven enture City System, and applied to a three quarter At the time of the paving in June 1808. ?7.00 collected for a renewal of the service, making the constant of the services wider paved story boxes were always installed on services since the interview of the company to a

It should be computed on the assumption that have an active life of 15 years, and that the ar ige of all services is 8 years. Although som ices on a portion of the Ventura Avenue System a i, a great number of them in the lower portion o re adobe soil prevails, have an active life of b of those in the higher portions of the town may life of about 20 years. The Mound Irrigation System presents a differen to the fact that all distribution pipes and late on rights of way the essement for which has been entura County Power Company. The total length on public highways does not exceed five hundred Practically all of the services on the Mound Sy by the stockholders when the system was original 1904 and 1905. In transferring their interes ara County lower Company it apparently was the in fer the ownership of service connections. The on the following quotation from the agreement: and population or ventura as determined by the census was in 1890, 2320, in 1900, 2470 and in 19 ll posted people in Ventura have made an estimate population as 3000. However, there are 853 s ions at present within the city, of which about 1 eaving 838 active. It is customary among wate rs to consider 5 inhabitants to the live water co tio in the City of Los Angeles on census years ha d it is claimed that in San Diego it is more than ure in September 1910 there were 602 live service habitants, or a ratio of 4.89 persons to the tap. of 4.8. there should be 4022 inhabitants at pres ty, which would indicate a growth since the censu er cent. This is in accord with the developme puthern California cities during this period. has been decidedly prosperous since 1910. Pra ds are being farmed that are naturally moist, or ater can be readily put. Thore is little, if ade form land in the county for sale. There a of weter which has been consumed in the City of August 17th, 18th, 19th and 20th, 1914, gagings v s report, of the volume being diverted for domest ture city and about 70 domestic services on Tentus a certain complications in the high level pervice ity to approximate the amount of water used therei is done by installing temporary meters which recor supply. The figures used are probably below ine consumed. The measurements on the Venture re made over two weirs. During the period of he weather was cool and forgy and the use of wate normal use. These measurements show that 1.9 per day were being served for the average of the urements, and on the basis of 4000 inhabitants th age consumption per capita of 494 gallons per day daily consumption during this period was 2,458,0 gallons per capita. This rate of consumption One of its most striking features was that ing this three day period was 131 miner's inches, In some of the combined irrigation and domest of Southern California, such as Albambra, the s r use is about 166 per cent of the mean for the ase of the City of Los Angeles, the July use is the mean, and at San Diego it is 125 per cent. of the City of Ventura it is probable that the 12 per cent of the mean annual use. An lyin 140 per cent to the Ventura August observations usl consumption per capita on the basis of 4000. llons per day. In the case of the City of I per cent of the services are metered, the average is 130 gallons per capits per day; in the City in the City of Santa Berbara 100. Sen Dieg bars are both metered. Pasadens, which is p Iss gallons per capita; Pomona 300 gallons: Red

ns. Redlands is about half metered and lond nt metered. These last two towns are situat imatic conditions that are more arid than lonton

he uses than the large consumer.

IRRIGATION CONSUMPTION OF WATER

ALONG VENTURA AVENUE

The lands along Ventura Avenue are composed of gravels underlaid by river boulders, with the inging from ten to twenty feet from the surface tances within reach of orchard trees. These elevation from 50 to 200 feet above sea level to 767 acres of improved land commanded by your ivided in the following crops:

or the Pressure Line - Lemons
Nalnuts
Apricots
Miscellaneous fruits
Beans
Alfalfa
Gardens

er the Power Ditch - Lemons Walnuts

sepage through the unlined earthen Power Ditch and sondy soils, contributes to the sub-irrigation of t hout profit to the company. The maximum emount d, according to the records, was in July 1912, when nches of continuous flow was sold. The water is ly, the demand often exceeding the supply for perio er. If this 46 minor's inches is applied to the acres, it would indicate a duty of water of I inch It is probable, however, that the setual duty not much exceed an inch to 10 acres. VOLUME OF VATER many of the streams of Southern California have two deracteristics. From the mountain portion of the main they discharge through narrow rocky conyons.

e of this area was not irrigated during this period

falls and practically dry stream beds in the late jungs at the mouth of its conyon is of this nature

AND DOUGH ADDRESS TO THE TOTAL TO he Cente Ana near Colton. A parallel to thes ic conditions exists on the Ventura River. . 1 s are discharged out of the mountain canyon near n the summer the stream goes almost dry at this loods are spread over the gravels upon the ojai underground bodies of water in draining off pro ant flow at the Casitas Dam, which is comparable of the lower Los Angeles River, the lower sen Ga he lower Santa Ana River. In determining the volume of water availabl an Dam, the September flow, which is the summer

In determining the volume of water available has been the September flow, which is the summer timeted for an ordinary dry year. In fixing water supply it would be unfair to accept volumers. For instance, in October 1914 before the was 1222 miner's inches. In a similar water to accept as controlling, the minimum amounts on the driest year ever known on the river. Suber 1899 when but 100 miner's inches was estimated as 1899 when but 100 miner's inches was estimated.

No continuous records of stream flow are avail measurements that have been made are fragmentary bor 1903 at the end of a group of practically elev ally dry rears, the writer measured the flow at Ca und it to be 3.7 second-feet, or 185 miner's inche ber 1902, which was in a group of dry years, that r season having a precipitation of 105 per cent of easonal rainfall, the writer found at Casitas 5.23 or 261 miner's inches. The writer has been acc he Ventura River for a period of twenty years, and on to his personal judgment has consulted others coided in the neighborhood, and who are interested ble water supply. The conclusion is that the Casitas Dem intake for minimum months of an ordi would amount to 6.5 second-feet, or 325 miner's in mount of water is considered as the controlling v eport. This includes the underflow developed netion of the Casitas submerged dam in 1910, which at 2.0 second-feet, or 100 miner's inches. Me

Of this year, for this report, indicate at draw 434 pulless per engiles per day, out a factor and 152 mirer's france. Therete, as her ten in ther was about that they down the that of the the in the sylvator of the level when officer STATE OF THE PERSON WAS THE PERSON OF THE the armine of a day year to granted this the ter " I constitution entire of the minimum of the of his lay year by the term of Tentuck, the fire it. to 120 minur's inches, less a punting all . Which to used the irriestian personne and of I who water the si the sity on the Smithe Inc. the of least there and a shrintle of mine in the minutes of the part of the test of the seal of the sea alon the 177 street of tanker print of the belle THE RESERVE OF THE PROPERTY SAME AND ADDRESS OF THE PARTY AND ADDRESS O mostic veryodes, and rolls at the feeling final ANTEREST TO MELT, IN MITTERS TO THE SECOND LAND

ser, and report, indicate an avert 194 callons per capita per day, or a total daily 52 miner's inches. However, as has been note her was sool and foggy during the time of those d, it is the opinion of the local water officials below the normal summer use. The demand for er acoust of a dry year is greater than the name A conservative estimate of the consumption of m r of a dry year by the town of Venture, for done . is 200 miner's inches, less approximately 23 m which is used for irrigation purposes out of the the north line of the city and the Casites Dam. of 1899 there was a shortage of water in the Ci which would indicate that on such an occasion th ow the 200 miner's inches prior to the building of dam. We therefore take the amount of water tio purposes, available at the Casitas Dom in Se inary dry year, to be 177 miner's inches, and th ition now available on such un occusion 148 mine take of the Fower Ditch. The total available The second secon ore taken as 400 miner's inches in September of a er. The Fower Ditch water during a dry sumer ed for irrigation. One hundred miner's inches or that may be used to advantage along Ventura Av ion. The safe available supply from the Vento efoce divided as follows: esent number requirements for mentic use in the city 177 miner's i ter eveileble for future domestic quirements of the city, or ergencies 123 " mer requirements for irrigation s outside the city 100 tal safe supply including wer Ditch water 400 miner's in There are emergencies to be guarded against in mestic water supply to a city, such as large fire demands are put upon a water works system. The mations are largely cared for by reservoir storage of Ventura has grown 36 per cent in the past for dered to have value in the appraisal for rate as, but for sales purposes this water is given the the domestic water now in active service.

VALUE OF WATER

Throughout the arid regions it is difficult to

reasonable value of water. In many of the we o riparian rights are recognised. The consum red to be the owner of the water, and the water of inaportation institution. In California, hower rights to the summer, or low flow period of the n recognized by the courts as property, and the I the United States recently in the San Joaquin a anal and Irrigation Company vs. County of Stanial is that in fixing rates, a value should be placed or right that is controlled by the organization m ersion. The old Spanish laws recognized the r iation and the early users of water from the Vont om of the State of California. These rights have ally defended in the courts.

The use to which this water is put is two-fold.

domestic use, second, an irrigation use, and its what dependent thereon.

THE VALUE OF DOMESTIC WATER

The domestic mater is conveyed through pipe lines

a distance of some five miles to the City of Ventu

the town is supplied by lifting a part of the walter gravity water at this elevation has value lifterent from the waters that may be found in larges on the coastal plain at low elevations south from an ordinary value of water available for urban or ses in Southern California is in the neighborhood of per miner's inch, but in view of the fact that larges may be obtained in the coastal plain near the serference with lower rigarian rights, and practically

mave been prepared of the cost of sinking wells i near Ventura and of lifting water by means of t ent and highly equipped pumping machinery, to suc evation as is reached by the present gravity supp tes have slee been prepared of the cost of delive from the Ventura River to this point. It is assumed that the mean deily consumption in Tentura is 348 gallons, and that the maximum per cent of the mean. With a population of saults in an average consumption of 1,400,000 ga nd a maximum consumption of about 1,988,000 gall For the purpose of the estimate it is propose daplicate wells and pumping equipment of 2,000,0 y capacity. The importance of safeguarding t n this vital service to a community of 4000 soul eliability of service. If duplicate pumping installed, reservoir capacity to the extent of supply should be provided to guard against break which would mean a still greater char re of these fluctuations. In view of the fact pum ing equipment is provided, a storage capacity mply is sufficient to care for these fluctuation servoir capacity is estimated apon. in the following computations it is assumed that int is constructed at the site of the old beach p t of Ocean Drive, and that water is pumped from h Le inch force main to a proposed reservoir at the sent booster plant. The present gravity suppl is Dam will reach an elevation in your distributi bout 130 feet, where it is taken by the booster p issure increased so as to serve the higher elevat imate it is assumed that the water is to be pump vetion and the higher levels are to be handled i r as they are at present. The pumps would ope rest head, including suction, of 100 feet. To ed the friction in the force main, which amounts et. The pumping equipment would consist of o Like the weeks of the the last land out machinery, pipe lines and reservoir, is \$98.64 annual cost of operation, maintenance, fixed cation and fuel, is \$18.652.69.

\$18.652.69 capitalized at 5% =

255,

3 2

1.5 m.g.d. = \$233,158.50

1.0 " " " = 155,439.00

1000 g.d. = 1.54.44

13000 g.d. = 1 miner's inch =

Cost of pumped water = \$2,020.71 per miner's

GRAVITY WATER

ERE COST OF DELIVERY

Per

Cent

AME. CHARGEABLE

Depree.

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Year

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THURSDAY TO THE

Deprec. Present Value

During

Year

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944.50	55,044.91	88.5	835.88	4
11.48	3,463.38	88.5	10.16	
oir em 582.41	10,249.77	100.00	582.41	1
			1747.41	\$14
On an ave	rage dry yea	r this m	ain dive	rts 200
. of which 23	miner's inc	hes are	used for	irriga
lance for dom	catie servic	e in Ven	tura.	The o
works is appoi	rtioned betw	een thes	e two sex	vices :
above table,	in proporti	on to th	e amount	of wate

As the dam was built subsequent to the de

11.15 mag. a. = \$135,381.50 TLA - - - 120,011,00

- 10000 g.d. = 126.56 12000 g.l. - 1 F. DET's inch - . l.d.

This flyence of 11. This 27 person the partie. Collegating the crowler water from the tree The net vein of the homest to meter be there

se between this entit to not be the first to be

in quantity: is obtained from the low constal present to, and is pumped 300 feet in elevation onto thill lands. It would be entirely possible to is supply by sinking new wells on adjoining lands, the Mound Irritation District water supply is a in this report. Moreover, the cost of pumping high and up to the present time has been furnished al loss. The only value, therefore, to be confident daystem, is the physical value of the constant.

VALUE OF IRRIGATION WATER

The value of irrigation water is no greater than

ower agriculturally. In the valley of the Ver

ed crops are grown, including citrus fruits.

nous fruits are not irrigated on wet years, but o

ns, which may occur one out of three, irrigation

saving a crop worth as much as [100.00 in acre.]

r floode. A number of wells exist and a few pu s have been installed for irrigation uses. As they obtain an adequate water supply. The ir m has been in operation for nearly forty years, as area under erous in 767 acres. During the past there was in average of 4523 day inches of water area each season, or enough to cover it to a depti This is equal to a four month's flow of 37.2 18. but the water is called for irregularly and in I quantition during the early summer, when all or re irrigation. This errutic and small use of sorvice from any system unusually expensive because s are comparatively idle a large portion of the ti e of emple capacity to meet maximum requirements. The irrigators naturally would pay no more i Then its cost pumped from wells on their own lar of pumping water in the irresplan manner noted at be expensive, culling for substantial equipment w ale the greater portion of the time. It is est hat a pumping plant of this character is creeted o tract; that it will have a capacity of 50 miner's in order to comply with the customery duty of wate ate in the aggregate about 2.3 days per season. ally would be operated for from 8 to 12 hours at i aps a month. Allowing for fixed charges, inter labor, it is estimated that the total annual cost a plant under these conditions would amount to \$61 reduces to a cost of 2.22 cents per hour per incl approximately fixes the limit that could be charg r by the water company. The irrigation system along Ventura Avenue tructed for the service of these lands, but as the ura grew, and its requirements incressed, it because mild other and more elaborate structures which we for the domestic water supply, but which were not the maintenance of the irrigation system alone, p investment in office building in Ventura, or the d Transmer dem Sterre

on contract course for these items of \$24.00.

The proportionate value of the structures used for ion, plus the cost of the lower Ditch System, represent of 18,373.00. The proportionate depreciate structures has been estimated as amounting to 1900.

The have, therefore, the following annual expedience of the irrigation water by gravity:

AUNUAL CHANGES AGAINST THE IT IGATICS SYSTEM

8% Interest on \$18.373.00 \$1.470.00

Depreciation 906.00

Operation 500.00

Taxes. 1% 184.00

Total annual charge \$3.060.00

The average number of day inches used under this on system is 4523, and dividing the annual charge for the water by the number of day inches, gives a cost at per day inch. In interest at 8 per cent is allowed on the cost of the structures, and depreciation and operating expens

a manufact maken do D. R agning.

It is elear that the price of Ko cents a day like ch irrigation water is being now sold along Ventura A below what in justice to the com any, it should be. cost without volue on the ester is 2.7 times the price if interest, depreciation and operating expenses are wed on the structures only at 8 per cent. Su maritime the value of the water rights of your TO have which declared For Males Purposes: 177 miner's inches domestic water at 3345.00 = \$6 193 " reserve water at 345.00 = 4 100% " irrigation water at 0.00 =___ 910 Tetal For Rate Fixing Purposes: 177 miner's inches domestic water at 3345.00 = 6 " reserve water at 10.00= 123 " irrigation water at - 0.00= 100 Total Total t be horne in mind that the above values are arrived the assumption that the water rates under which your - wine are to be revised. Official bodies wi roduce a net return of but 7 per cent, the legal is
the values of the water rights would be different.
thods being followed, interest rates and capitalis
being used on a basis of 7 per cent, we arrive at
any values:

For Sales Purposes:

177 miner's inches domestic water at \$405.00 =

123 " reserve water at 450.00 =

100 " irrigation water at 0.00 =

For Bate Fixing Purposes:

177 miner's inches domestie water at \$455.00 =
125 " reserve water at 0.00 =
100 " irrigation water at 0.00 =

Total

Total

GOING VALUE

In addition to the auxiliary or incidental exp

and acquire the business of the existing plant rs; it has to pass through a period of developm with no income, consequently an exorbitant rate ould the system be made to return any interest wested at this early period. In arriving at his item we have assumed such a hypothetical pl n one year and will acquire the business of the in three years. The sum of the difference i between the hypothetical plant and the existing eriod of three years, is considered to be the w ralue. It may be argued that this is an ele should not be included in an appraisal for ra This is open to debate from either side have as a rule recognized it. The effort 1 this report, to be conservative, and the elem is not included in arriving at a basis of yal may be fixed. However, it is an item which neluded in arriving at a sales value, as it re Considering a hypothetical plant which is suppose and acquire the business of the existing plant in rs; it has to pass through a period of development with no income, consequently an exorbitant rate wo ould the system be made to return any interest upon rested at this early period. In arriving at a this item we have assumed such a hypothetical plan in one year and will acquire the business of the ex in three years. The sum of the difference in t between the hypothetical plant and the existing pl period of three years, is considered to be the wort value. It may be argued that this is an elemen sh should not be included in an appraisal for rate ses. This is open to debate from either side, a s have as a rule recognized it. The effort is m in this report, to be conservative, and the element se is not included in arriving at a basis of value es may be fixed. However, it is an item which me included in arriving at a sales value, as it repres equit ble return upon the invested capital, but al ducements to capital for investment in these utilit pment of Southern California is in a large measure rageous and far sighted policy of strong men who he heir capital in public works in small and growing The financial risk incurred in such investor 0. rily large, and these men should be allowed fair r capital commensurate with the commercial risk inc ized that no set rule can be applied by which inte public utilities may be determined, each case nece pon its own merits. The City of Ventura has a O souls, and from a study of the local conditions city, the writer considers an interest rate of 8 but a fair and just return upon the value of this is made to Appendix I attached to this report, in st rate is discussed in relation to the properties briel Valley Water Company in and near the City of lifornia. A quotation is made from the report er Thelen of the California Railroad Commission, the a hwood and vicorous way and is s not the advantage of the strength inherent in a la It seems to be entirely just that if the larger s entitled to a rate of 8 per cent return on the

s entitled to a rate of 8 per cent return on its in t the smaller concern which probably incurs greater risks should be entitled to at least as much.

PIRE HYDRANTS

There are in the City of Ventura 58 fire hydrants. of the installation of these hydrants has been borney of Ventura, and the city also maintains them, so or consideration is here given them.

CASITAS DAM

h of the City of Ventura, is of the submerged diver tructed of concrete and reinforced to some extent of ely two thirds of its length. The remaining one ginally designed as a spillway, is of an irregular

Therefore the delical did not not a superior because did not

The Casitas Dam, located on the Ventura River some

mper 1300 Bud Gerried our over ut" plan of excavation was used and due to the exce f overlaying material, the cut assumed very large p eccesitating the moving of more material and the pl concrete. The out was unavoidably flooded seve Work was finally stopped after some 973 feet ha ted. It was deemed impractical to carry the long r, as at a depth of some fifty feet bed rock was no e foundation was laid on a clay formation which was impervious to seepage. ? In 1910 work was again resumed and the dam comp the year. The prices of labor and material at ere practically the same as they are at present. res at such depths below the saturated water level t was particularly hazardous and expensive. Ho mat methods were pursued in putting down this out-off we res were apt to occur. The cost of this structu by the books of the company to be approximately \$8 recutive expenses were not included, and the real c company was somewhat greater. An estimate has be of wiew of

ter of 1914 without serious injury to the dam prope

DIVERSION DAM

There is a small temporary diversion dam at the Power Ditch. It is built of earth, stone and by cost is [312.50. From information gathered led earned that this dam is washed out on an everage of ear. If the dam were washed out every year it we equitable that this charge of \$312.50 should be made operating expenses and no charge be made in the vi plant. If, however, this structure would last ntention might be made that this was not a proper ng charge but that the cost of the dam should go i on of the plant, and a depreciation allowance of 5 made against it for each year. In effect, it dal for rate fixing purposes whether the charge of preciation is made each year against this dam, or or operating expense is charged each year. In t that are presented an allowance is made of 50 per pany by the departments of water, gas and electri real estate, certain buildings and operating equip appraisal these items have been segregated and the rided equally between the different departments us cept the 36 inch steel line of the Power Ditch sys a has a capacity in excess of that required to mee on uses. A 10 inch pipe line would probably on water that would be required, and 30 per cent of t the 35 inch line is apportioned to the water depart is about the ratio of costs of a 10 inch to a 36 i

REAL ESTATE

Real estate values given are based on the opinion

liar with them in and around Ventura, and are bel

ose to actual selling values of land similar to the of the Ventura County Power Company. No value on account of their strategic situation as riparimating lands, as this is covered in the estimate for

1st: Original Cost. The original cost of the plant mined from accurate records of expenditure, when the tures have been made with care and foresight and when have been kept in a continuous and accurate manner, distribution of the items of cost, is the fairest way determine value for a public utility, due allowance for depreciation.

If the owner honestly and intelligently invests he is entitled to a fair return on such investment.

it has not been until recent years that rate regulations of a national, state and municipal nature have eased the right to control rates. Largely for the especially with the older companies, the records are condition as to permit of proper arrangement of costion being made between operating expenses and bette tory of the Ventura County Power Company is no except

End: Value Based on Earning Power. The value of atility based on earning power cannot be determined

- - - - - to mile. The walke de sending

rule.

being in some instances that immediate and prompt uld be made from the sale of these securities rat the continued sale of the commodity. It is n convey the impression that the Ventura County Po as operated in this manner. The California Ra ission and other authorities have recognized that has existed to such an extent in the past that th bond issues should not be the basis of the value ic utility. The Federal Courts in fixing valu n in the past some recognition to such investment rly mortgages. As an engineer employed to eve rty of the company it is not considered as my pro ine an appraisal upon this basis. If the cour al authorities care to give weight to this eviden ir sphere to do so. 4th: Value Based on Cost of Duplication. In the actory records of original investments, and in vi ation of other methods noted above, this estimate d upon the theory of cost of duplication less dep istory of the plant, labor conditions were more for present, both as to cost and efficiency, and the lament costs were higher than at present. The the larger figure in the construction of a water lue based on this latter method of reasoning works that is below, rather than above the actual construction below, rather than above the actual construction of the constr

From the cost of duplicating the system new, i reciation which the different items constituting perionced during the period of their respective ? mining the cost of auplication, the conditions t time of the original construction should govern, are known. For instance, if a water company I a reservoir, through the site of which a railr as necessary to move this railroad so as to per the reservoir site, the cost of this moving shou as a portion of the construction cost of the re l Engineers for determining value of public utilit

DEPRECIATION

The revenue of a public utility corporation shoute to provide not only for operating expenses as but also depreciation. The situation is compainted investment of money in a mortgage, or placing it is bank. The owner is entitled not only to the install investment, but also to a return of the install investment in the investment investment

Depreciation is an allowance of money to be set by for making necessary extensive betterments for important replacements or extensions, so that the maintained in a continuously efficient condition site performance of its service to the public.

y of water, there will be a general depreciation o I value of the plant from year to year, for which should be recompensed. The public is equally iding for this deterioration by such a fund, as ot Il arrive when the service will collapse. A cl should be made in allowing for depreciation, both fund that is put aside at compound interest, and that is reinvested in the plant or elsewhere, which te without interest, by the end of the life of the ts cost new. If allowance is made for a sinking compound interest equals the cost new of the plan mation of its life, then the value of the plant a as 100 per cent during its life, in determining a alue is depreciated currently during its life by s the sinking fund at compound interest, then the i cover his original investment at the termination of tructure, but this interest on the c pital investe dually lessening amount and below what the owner i o receive. If, however, the annual allotments

and of the life of the 11 amount of the investment will have been returned. e true if the depreciation fund is invested in better ensions. This last named method is adopted in val lant. A striking illustration has recently been brought on of the Railroad Commission of the State of Califor case of the Cuymaca Flume Company of San Diego County rporation was a combined land and water company inter t, most extensively in the quick sale of real estate. tered into contract for the delivery of water at a re e inadequate to provide for operation, interest and d ion. The company has now reached an age of about It has passed through the hands of a receiver. ble structures which constituted the greater portion tem have about reached the limit of their life and the rs are being inadequately served with water, due to the andition of the flume. Thile it was considered imp the Commission at the present time, in order to rebui cture, to allow for a depreciation through the term o reare of life of the system, in which such depreciatio

Physical depreciation is that intrinsic deor lue to the wear or decay in the structures of wi is composed. The rate at which this deprecia lace will very with the class of construction; r ron pipe having a greater length of life than ri pine. In the estimate that has been prepared s structures have not only been grouped sccording so in accord with their age, in five year interv ination of this physical depreciation necessaril combination of personal judgment and specific ex items under consideration. The writer has l in that he has been a member of a board of four preised the Los Angeles Water Works in 1898, in sal the pipes of the city were exhumed in over : ious kinds of soil as well as for all different In addition, the Board of Arbitration appoin rms of the franchise, which sat in judgment on

- at the discount of

ablic utility. This functional depreciation i ion due to the failure of the plant to perform th high it was originally intended. For instance vision a 2 inch serew pipe might be laid to one o wilt the first house on the street. In the co ears the street becomes more fully occupied and t will cease to provide an adequate pressure and an to the increased number of customers, before the f the life of the pipe. Relief may be furnished tion by gridironing the streets in the neighborho m of larger mains so as to give an improved circu ery in the small pipe, but inevitably the final loss to the company. Some of the small pipe up and while it may be cleaned, dipped and rela lons of the system, there will be an attendant lo any and such loss has been defined as obsolescene The determination of the rate of obsolescen er of judgment and incapable of athematical exac rmination. The Report of the Second Committee ar to year, would be wholly inadequate, that is to al amount which would be received from replacement wenty or thirty years, would be insignificant compassing of worth of the original items of property wing inadequacy of some and the tendency towards of rs."

COMBINED PHYSICAL AND OBSCIRSORUT DEFRECIATION

In determining the total rate of depreciation is of the Ventura County Power Company, weight has been classes of depreciation under consideration before the length of life of each portion of the structure with of life is intended to cover both forms of depoence will be a greater factor in the long lived explant than in short lived elements. Four inch, such that inch riveted steel pipe which may have a length thirty years would not be as apt to become obsolete

pe which normally would have a length of life of p

years.

Two inch and three inch screw pips with

mania probably bec

the second distribution of the second distributi LANGE TO SELECTION AND ADDRESS OF THE PARTY THE RESIDENCE OF THE PARTY OF T the The River of State of Stat THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY. The later to the l THE RESIDENCE THE PARTY HAVE NOT THE RESIDENCE TO SHARE THE PARTY HAVE NOT THE PARTY HAVE The second party of the second party through The same of the sa TO THE REPORT OF THE PARTY OF T THE PERSON OF TH THE RESERVE OF THE PARTY OF THE PERSON NAMED IN MARKET WINE OF THE SEASON SEED OF THE SECOND DEFENDE SON ANDREASE AND AND AND LEVEL SONE OF THE SONE ! PORT OF A PERSON AND PROPERTY OF THE PERSON F AND A STATE OFFICE OF THE STATE OF THE THE the manufacture of the same of the same of the same The contract fathers of assistant than It has mit THE RESERVE OF THE PARTY OF of [12.00 for each \$100.00 invested; for the tent for the ninteenth year \$5.35, the rate on the last 7 45 per cent of the rate on the first year. Su elieved to be undesirable both from the standpoint poration and the consumer, because as the allowance any decreases, their interest in the service which ering would proportionately diminish and possibly he service also. The longer the life of the ite ideration, the greater will this inequality of rate he case of a forty year life item with a 7 per cent rn, the first year's rate would be \$9.50 per \$100.0 year's rate \$2.67. This method is not believed ble to either party at interest and it is not accept valuation. 2nd. Equal Annual Payment Jethod. The equal ent method contemplates the setting aside of an ann sing fund which when accumulated at the end of the structure, will equal the cost of replacing the str

funds which are allowed for depreciation are usuall

radually increasing rate will aggregate the cost of r t the end of the life of the structure. The net v operty is determined for any given year by deducting tical aggregate from the cost to replace and interest d to the investor on this net value of the proporty. iation allowed for each year is computed as an accuma based on the constant annual payment to a depreciati plus the year's interest on the accumulated fund at t g of the given year. It will be noted that the al preciation will be a gradually increasing quantity ar st allowable on the net value of the plant will be a reasing quantity. The intention is that the sum of 11 be approximately a constant amount throughout the tical period of life of the plant. For instance. ering the pipe whose life is twenty years, with inter t value at 7 per cent, we would have an aggregate al s company on the first year of \$10.02 per \$100.00, on year \$9.36 per \$100.00 and on the ninteenth year \$8. while the payments are not absolutely uniform ach more so than in the straight line method, the las

or lire an amount is determined which when accumulat

ter years these replacements would be such greater as and the interest both of the company and the consumption of larger expenditures during this latter period.

Equal annual payment method is designed especially to tustion. For instance, again referring to the pipe twenty years, we would have a depreciation allowance set year of but \$3.03 per \$100.00, whereas on the last lowance would be \$7.64.

SALVE AT AND YEAR OF SHE NYSHER BEEN

The Committee of the American Society of Civil Eng ed to above was composed of some of the most experience guished members of the Society, and after a full revis ert decisions and engineering practice with reference of determining depreciation, they have concluded by mally recommending the equal annual payment method for ing depreciation and rates. . They state "Except for principles laid down in the Knoxville decision, the de courts and Commission have been very variable. The s sthod has been used and courts have approved valuation the depreciation has been committed by this method. Th

r, more often approved valuations in which the winking

uring the early years of the life of the plant, but ter years these replacements would be much greater as and the interest both of the company and the consum r larger expenditures during this latter period. qual annual payment method is designed especially to tuation. For instance, again referring to the pi twenty years, we would have a depreciation allowance st year of but \$5.02 per \$100.00, whereas on the last owance would be \$7.64. The Committee of the American Society of Civil Mas d to above was composed of some of the most experience uished members of the Society, and after a full review

d to above was composed of some of the most experience withed members of the Society, and after a full review of determining depreciation, they have concluded by ally recommending the equal annual payment method for any depreciation and rates. They state "Except for rinciples laid down in the Enoxville decision, the decents and Commission have been very variable. The atthod has been used and courts have approved valuation he depreciation has been commuted by this method. The

structure itself and second, the indirect expenses which oidable and for which there is little tengible to show work has been completed. Engineers who have had cha argo enter rises and who have carefully kept segregated unts are fully aware of the gravity of these indirect of eas. others who have not had this painful less brought them are and to minimise them. It is to be regrett such cont records are available. Estimates are pron w the netual cost. This is not due so much to failu rehend the cost of the structure itself, as it is to the creciation of these unavoidable sumiliary, incidental rul expenses. Any official body whose duty it is to for a public utility has a grave rea onsibility, not o he public but also to the investor. Justice require should be treated with fairness, and this doubtless is nt. It is necessary for the proper development of a n try that great enter rises should be encouraged. icularly if business profits commensurate with the risk ed are not to be allowed in fixing the inte for utiliti a institutions are not saleguarded against locacs, then

A STABLE AND GOORL'S LILLY THE EXPENSE OF P

irate system of cost accounting. The engineer who estimated upon the work was in a position to closely sonableness of all expanses. The comment has ofte est the distinctive feature of the work on the Los Ang t was its relatively low overhead expense account. tures were divided between the construction of "The W its Amuricanness, "Auxiliary Construction Expenses on", "General Miscellancous Expense and Operation" and 1 Office and Executive Expense". "The Waterway and mances" included the finished structure which is left of the effort. This is the structure which actuall the water. The "Auxiliary Construction Expense and on" included surveys and general engineering of a prel ure, water pipe limed for construction and domestic us nes, roads and trails, buildings, low tension power li administration (which included all general foremen, n engineers and office force) miscellancous tests, exp sacks, patrol of the aqueduct, miscellaneous losses, re etion expense, concrete replacements and net equipment The "General Miscellaneous Departs and Cosmitten" i passenger transportation for lebest mater investigation est charges are not included in any of those items.

The summary of percentages and costs of the aquaraction, exclusive of land purchases and cement plan

Waterway
Auxiliary Expense
Miscellaneous Expense
General Executive

\$15.948.489.00 4.271.500.00 277.038.00 843.944.00 \$21.334.971.00

TOTAL

nis amount 35.77 per cent was for indirect charges.

irst appear that these indirect charges were unusuall

aqueduct because of the remoteness of the work. He was transportation charges, whether by rail or wagon.

ed in the direct cost of the work. The indirect c

of Los Angeles as they were on the remote portions of

No charges for interest or development expense

ed. In the case of work done in highly developed re

on. Other expenses for equipment, sucryision, re

s. etc., would remain the some.

large undertaking these overhead expenses are proport than on a smaller undertaking, such as is here under n. This general overage is borne out consistently orent divisions of the aqueduct. In those division total construction costs were low, the percentage was igher, and where the total construction costs were hig head charges were proportionately low. It is belie efore, that for building the Ventura County Power Comge of 18 per cent for overhead expenses of an engineer rvising, organization and administrative nature is res miscellaneous expense for transportation and sundry lo ation, of 1.75 per cent is not here included. Auxi incidental expenses which cover net equipment, replace cliencous losses, policing, reorganization, cement sac s are estimated at 11 per cent. This will aggregat 1 of 23 per cent to be added to the estimate of direct the physical property that is left as a result of the This 23 per cent is 10.77 per cent less than the ally incurred on the Los Angeles Aqueduct, which would the climination of items covering road, trails, buildi mones which possibly would not be n extense in this cted by workmen who are injured, irrespective of whet ibute by their own negligence to the accident, or oth duces an unditional new expense in construction work . The ordinary rate for insuring a payroll prior aployers' liability low, against such damage claims, cent. The insurance rates at this time amount to 100.00 of the payroll for laying water mains, \$6.12 f ion of un inc stations, dams and reservoirs. Owl agnitude of the aquaduot construction, the Board of did not carry accident insurance, but settled its ow s, charging the losses to "Auxiliary Expenses and Ope nt. This loss amounted to 0.25 per cent of the on or, this work was performed prior to the time when the rors' liability law west into e feet and settlements inder its provisions. I smalls concern should no risk under existing conditions, for new construction ing for the present insurance rates for this slass of tion, there should be added to the auxiliary expenses of duplicating the Ventura Jounty over Company system ention the labor expense on the work. The labor of re employed by the city to determine the value of t it was conceded that allows see should be made for e is profit on the assumption that if a new plant was o replace the oristing plant, that the work would b rect and not by day labor, and that a reasonable al tractor's profit would be 6 per cent. The board ius Celiberation it is our firm conviction that a f ert should be added for a (contractor's) profit". itrators slightly increased these estimates and the mid was higher. Bix per cent has been added as le ellowance for contractor's profit on the bosis (ing the plant of the Ventura County Power Company. have the following: Auxiliary expenses to be added to the construction cost of this work Engineering, Sup rvision and General Cilice Expense 12.)5 Auxiliary or Indicated 11.00 Interest Durin: Construction 3.00 Contractor's routh 6. ... Liability insurance 1 07

whole, vigorously prosecuted with ample financial b a been resumed to be the case in the preparation of tion. It is known that cheap work must be done : organization that can efficiently be placed on th a order to reduce overhead empense. This argumen Ly woing higher figures than are contained in this s sustaining the figures that are presented. The ttee of the American Society of Civil Engineers for tion of Utilities, includes the following items which saidered overhead ar sumiliary expenses: Confesions on Inventory Overhead Expenses Preliminary Fin moing Engineering and General Expense Policing and Sanitation Contingencies Insurance Taxes and Interest Development Expense onable cetimate of these items anuli justify the ago or cent used in this estimate. This Jo mittee s lows: "The allowance for overhead the ries has ger nderestimated by comming ions of accounts, and well at ers of limited professional experience in construction

AN WHATAMA BELLEVIEW value of the property could be presented than that a ifornia Reilroad Commission in the Pale Alto gas rat noted in extent below. "This brings me to a consideration of the final qu onse, namely, the emount of return to be allowed the on its plant. The No fixed percentage applicable to of all clauses of utilities can be established by this on. Tack come must be judged on its own merits. ell that a utility in one community would be entitle of ceturn while a similar concern in another com un

dly established utility will not be entitled to as he a smaller utility which is struggling against advertices. The most that can be said by way of general to that the return should be at least the average

is earned by other classes of business of the some

hemard in the same co munity. The condenien in

rate of return must be 1. bered, lest bed siciet o o

a needs development by public utilities, and this co.

the value of the property of the Palo Alto Gas Companuseful for the public purpose, as fixed herein, is a air and equitable rate of return. If anything, to high by reason of the fact that the Commission has be liberal in establishing the basis of value."

Palo Alto vs. Palo Alto Gas Co., Vol. 2, pages 316 - nion of Thelen, Commissioner.

The San Gabriel Valley Water Company is in much class as the Palo Alto Gas Company. The ditem is extended over a large area of sparcely settled revenues from the plant have been inadequate to pay a return and the development of the system habeen in the occupation of the country. The risks that have med in this enterprise are such as would justify a raigh as that employed by the Railroad Commission for

WATTER WORKS OF THE VEHTURA COUNTY POTER COAPARY

1		DRAINCEALOR	LON	
	REPRODUCE	During Year	Total	Rate Fixi
W	52.705, 605	454.456	935,872.16	\$260,432.
at-	18,192,39	735.88	6,430.93	11,761.
	89,855.42	1,633.49	10,005.29	79,762.
	2,448,96	38.78	263.19	2,185.
	\$419,804.10	6,844.47	052,660.57	\$354,141.
17				

\$2,185	
\$79,762.13	5,801.22
\$11,761.46	00.8330
\$260,452,18	1,416.33
	\$11,761,46 \$79,762.13

H

Note: - Going Value is apportioned among the several systems i proportion to the four year sverage annual gross reven

42,165.

\$90,391.35

\$12,285.46

\$520,235.51

42,435,00

N. W.		THE RESIDENCE OF THE PROPERTY	CIATION -
	Cost To	During	Total
ITEM	Reproduce	Year	Service Company
ROPERTY (a)			
Pump Plant	126.00	7.35	101.6
Ave. Warehouse	525.60+		
Wareh use	185.10+		
t. Reservoir	700.00	16.14	
Equipment	404.75	34.58	
	10,002.30	652.24	
sion Distribut-			
em	93,039.54	1,814.39	
r By-pass	13,534.15	448.01	In any construction that the second or the second
LATOTAL	118,457.44	3,010.69	
Costs (30%)	35,537.23	903.21	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
TOTAL	\$153,994.67	\$3.913.90	\$33,405.9
was not make the A			
RODERTY (b)	448.00	12.58	76.4
Ave. Barn Office	3,300.08+		
re & Fixtures	382.67+		
ng Rquipment	407.50		
Dam	80,150,00	303.77	
TOTAL	84,688,25	495.64	Charles and the Charles and th
Costs (5%)	4,234.41	24.78	117.4
TOTAL	\$ 88,922.66	\$ 520.42	Section Sectio
nysical Property	242,917.33	\$4,434.32	\$35.872.1
		A Control of	
tate	的人工规学的	A Road of the	
tate	TOTAL STATE OF THE		Service Services
Ann Dinken	\$ 61,065.00		S. C. L. C.
ater Rights	01,000.00		
MAND TOTAL	\$309,307.33	84,434,32	35.872.1
MINISTRE AND A TO A T	80001001100		
51/2			1 2 2 2 2
ro rated value	建聚等	1	
department.	图1000000000000000000000000000000000000		

Brown and the second se				
ITEM	Cost To Reprodue		LOTATION Total	T
ng Dam	318.50	156.25	156.25	
	867.00	122.67	208.50	
	3,808.00	159.68	2,806.96	
G Box	600.00	13.84	191.25	
63	225.00	5.19	71.71	
veted Steel	3.234.69+ 700.80 2.650.00	99.75 0.00 8.68	1.379.01	
Costs (30%)	12,397.99	169.82	32.30 4.946.87 1.484.06	-
sical Prop-	16,117.39	735.88	6,430.95	
te hts	2,075.00			
RAND TOTAL	\$18,192.39	4735. 88	\$6,430.93	\$1
Pro rated water		722.14	779.7	

e d			
	COST TO Reproduce	DEPLEO	IATION
M		During Year	Total
ml Iquipt.	3,068.85	146.92	240.19
Equipment	8,152.20	192,44	619.00
Tipe & stings	774.57	34.61	258.30
Building	2.146.00	47.73	356.16
d Sump	6,606.10	45.70	340.65
r	8,197.52	100.26	748.25.
tion System	43,361.01	649.15	4.931.97
	336.00	7.12	48.29
TOTAL	500.00 67,142.25	32.60 1,256.53	221.26 7,764.07
Costs (30%)	20,142.67	376.96	2,329.22
ysical perty	87,284.92	1,633.49	10,093.29
ghts	0.00		
ate de	2,570.50	S. Marie	
ID TOTAL	289,855.42	01,633.49	\$10,093.29

SEC.			
Ви	COST TO Reproduce	DEPREC	IATION Total
al Prop- rty		Year	
78tem	2,448.96	38.78	263.19
ID TOTAL	\$2,448.96	w 38.78	\$263.19

VENTURA CITY SYSTEM

Total Cent Fast Tresent Credited Depres.	TION Duri Teo
Value To Water Dept.	
Ave.Born 1.114.71 35.3 76.43 Office 9.515.19 35.3 128.35 Warehouse 48.34 50.0 100.93	12. 2. 7.
Buildings \$10,678.24 \$305.71 EE: Site 720.00 55.3 se Site 12,000.00 55.3	\$21.
Deal Estate \$12,720.00 & Fixtures 714.84 33.3 144.39 Equipment 507.50 50.0 253.75	23. 163.
2ro Rated 326.005.60 326.006.60 3942.06	\$199.

ANA VOLUE SOLAICO

POWER DITCH IRRIGATION SYSTEM

	EVITORS DAK	on Thursdall	N SYSTEM	3
St.				
DTRIA	Total Present Talue	Per Cent Credited To Water Dept.	DEFRECTAT Past Depres.	ION Durin Year
eel Lain	6,135.61	30	1,379.01	99.7
tal Pro Equipt.	\$6,185.61		\$1,379.01	\$99.7

TEM	Quantity in Miner's Inches	USE	UNIT SU
Avenue &	23 177 183	Irrigation Domestic Reserve Domestic	0.60 345.00 61.0 345.00 42.4
teh	77	Irrigation	0.00
rigation naing	0	Irrigation	0.00
	400	Irrigation	0.00

	TO TATO WALLET	WO 10 70			
	Coot to	ARE IN	1116	DRILL	17.0
TEN EN	Reproduce		Tears	Year	
5: F. Print Plant	126.00	56	25	7.85	M
1	525.60	0.5	193	30.68	
a Ave. Barn	1,844.00	-	60	37.74	ritirde
010		D- (8	(D)	Name of Street
renouse	2002	12	10	74.60	- Contraction
COUNTY & PIXUUS	1,148.00	-	115	71.29	
TE SCOT PIERRE					COMMAND REAL PROPERTY.
TI TABON					No Contra
ouring Car	615.00	Prof.	02	307.50	Profesiona.
M. PSSTRVOIL	700.00	63	9	16,14	Mark to the same
BOUT WINE IN					- Colonia de la Colonia de
1	143.50	9	10	6.40	
and Belt	254.65	9	10	25,94	
	09.9	9	3	en en *	S.
	8,777.50	0	15	572.37	7.4
to the second second second				A Marie	
TO THE STATE OF TH	616.25	6	6		1 4 4

Property of the second	O TYPO VALOTIES	Marcic .	Aller And State and State of the last		1
				李 经 一	St. Mar.
				DEFERE	TANT
	Reproduce	Age In Tears	Life	During	EA 10
MI WATE					No.
able Soi		A PARTY OF THE PAR		A A	
Gard W.I. Sorew Pipe	61.92	10	15	3,16	
	5,088,62	0)	10	201.41	red o
	4	03	1.6		
CESI	10	ණ	75	All Control	WYM.
o	60	03	100	100000	
Iron	0	00	09	1.14	
Le Soil Conditio			ana.		2
rem	3,707.1	50	30	**	1.4
	W.	0	30	\$00 \$00 \$00	1.0
	2007	10	80	6.40	
- 1	1,604,34	63	28	67.27	01
461	Pi I	0	35	0.0	60
red Iron	0000	0	10	0.1	
	-	02	35	\$ 100 m	1.6
Lron		0	60.	D. 10	
	1991	22	09	00 * 7	-
stri Wittenson	4 12 12		Russia Vitar		4.4
4	Tagorato	7	0.3	74.04	9
Distribution System		A.		00.000	8 0

			The state of the s		×.
	Cost to Reproduce	Age In Years	Life	DEPRICI During Year	TOTAL COMMENTS
ed Concrete 1pe ed Lion 1pe licon " 10 gauge Iron " 10 gauge	20.940.85 823.50 5.054.14	44 420	2000	\$60.56 14.35 76.06	325
	10,834,13	200	38	406.17	6.13
& COUNTROLLING	4.274.01 2.697.04	33 4	00 00	69.14	0
OF FIRST C.	800	. 0	80	0. 1	
5X-2X33;					
re Tron 1 e-Sho, Dip	1,818.70 8,871.00 2,844.45	03 04 03 09 09 09	0.48	248.68	1,390
THE BIGS	1,845,26	9,00	30	04.0	proj.
	1,224,80	6	10	79.07	7

THE PARTY OF THE P	The Company of the Co	Margaret - Free -			
	Cost to Reproduce	Age In Years	Life	DRUFING	H
Jug Dam	9512.50	٦	es.	156.25	
	00.499	34	60	122,67	1
	8,808,00		30	169,691	Line a
lr	600.00	03		13,84	and the same of
fn Box	225,30	63	9	6.13	
reted Steel-56"		a dayar	(7)		
r-1	10,762,30	03	52	532,58	di.
14 gauge norete 10" plain	2,650.00	3.8	35.	6.66	7.5
Ditch Diversion					1 100
sation Ditch Property					A TANK
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47			The second second second	THE SECTION OF THE PROPERTY OF THE PARTY OF	
	Cost to Reproduce	Age in	Life	Daring	CIS
THE TANK NAME				が 一大	
OLOY					
Motor	1.007.00	100	120	20.00 RR RD	N. 1.
Motor	B)		12	0 6	e e e
010	174.00	0.2	10	है नवि	-
ling Equipment	40.00	63	100	t great	
MOUTPHENDS:					· Seatte
son Cent	45	10	10	60	That reside
	683,00	10	10	4 4/2	in Annanous
	609	03	10	100	-
	160	prel	10	27.4	
DNIGI	577.57	0	C)	. Pr	
		k	2	•	e de la composição de l
ALVES & SITIAGS	297,00	0	000	17.74	
	2,146,00	¢1	080	40	
		n-kolusia K	2	0 .	
	6,287,20		20	44.37	F .
	318.90	C:	60	1.55	-
	8,197.52	•	9	100.26	1-4-9

	Court ho	Are Tra	1.100	DEPTECIA	TIO
	Reproduce	Tears	i di	Year	
Veted lps	4.625.30	@ @ Q	35 30 30	1.61	A State of
TIME	1,602.03		8	85.63	
	336.00	co	80	4.12	
	500.00	60	4	62.60	
THE COUNTRIES.	*****				
n Centrifur	100		10		
dipment-	185.				65
Line & Tunk	676.00	(F) 1(2)	81 81 100 00		
	is a second				
it Site					in the ne
servoir dite					e Language

During	2.86		
Life	8 8	8448	
Age In Years		8000	To you have
Cost to Reproduce	112.42	120.00	
	TON AND TON MAINS: Riveted 'ipe	ILVE BUUL PASMT:	

VEHTURA OLIV SYSTEM

BUILDINGS

		· broatile		
ITEM	Quantity	Unit	Unit Cost	Sub T
Poli St. Pump Plant	20 x 30	Sq.ft.	.210	126
Ventura Ave.	45 x 32	Sq.ft.	.365	528
fentura Ave.Barn	48 x 40	Sq.2t.	.700	1,344
cntura Office	41°-6"x 84	Sq.ft.	2.84	9,900
isin Warehouse	20 x 45	Sq.ft.	.278	250

lote: + Actual some material and labor without in-

VENTURA CITY SYSTEM

FURBITURE AND FIXTURES

	Control of the Contro	一个几个时间的一个时间	THE RESIDENCE OF THE PARTY OF T	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
ITUM	Quantity	Unit	Unit Cost	Sub Pots
Llow Settee	1	Bach	5.00	5.00
ow Platforms	4	79	30.00	120.00
awing Cabinet	3	Ħ	35.00	35.00
rdrobe	1	71	15.00	15.00
ock	1	19	7.00	7.00
irs	4	17	3.50	14.00
ble	1	W	5.00	5.00
ools	4	19	2.00	8.00
okkeepers Desks	3	11	25.00	75.00
pewriter Desk	1	13.	25.00	25.00
pewriter	2	29.	100.00	100.00
ling Machine	1	u	250.00	250.00
Ller Top Desk	1	11	35.00	35.00

VENTURA CITY SYSTEM

OPERATING EQUIPMENT

ITEM	Quantity	Unit	Unit Cost	Sub To
orse and Wagon	2	Esch .	200.	200.
ord Touring Car	1	9t	615.	615.

A DE PU CEDIOSUGE

VRHTURA OLTY SYSTEM

RESERVOIRS

	THOUGHT O'LD	Vicil Notes	No. of the last	
ITAM	Quantity	Unit	Unit Cost	Sub 9
Church St.Reservoir				
Excavation	400	Cu.Yd.	.30	1
Concrete	200	Sq.ft.	.15	3
Lumber	7	M.Bd.F	40.00	2

PUMPING EQUIPMENT

				*
ITEM	Quantity	Unit	Unit Cost	Sub 2
Poli St. Tump Plant G.E. 73 H.P220 V				
3 phase induction				
Motor	1	Each	143.50	143
6" Rubber Belting	20	Lin. Ft.	.40	Į.
Byron-Jackson				
2"-3 stage pump	1	Each	246.65	246
Std.W.I.Pipe 3"	20	Lin.	.33	,

SERVICES.

4" Services 848 Each 10.20 8,649.60 -1/2" " 6 " 12.25 73.50		0.	The second second second	er a palaise consequence de control		
1/2" " 12.25 73.50	ITEM		uanti ty	Unit	Unit Oost	Sub Fote
	4" Services		848	Each	10.20	8,649.60
4 " 13.60 54.40	-1/2" " "S/I-		6	***	12.25	73.50
	", "	No.	4	- 11	13.60	54.40

ITU	Quantity	Unit	Unit	Sub Pots
ledo Stock & Dies r 4" to 21" Pipe matrong Stock & es for 2" to 1"	1	Bach	20.00	20.00
matrong Stock & es for 1" to 2"	1	eş	6.75	6.75
pe ledo Stock & Dies	2	19	3.30	6.60
r 5/4" to d" Pipe derground Thread-	1	29	2.75	2.75
# Mach.for 1" tot" # Driven Thread- g Mach.for 4" to 1/2"	1	践	12.00	12.00
1/2" rnes Cutter 4"-21" unders Cutter 2"-1 unders Cutter 1"-	1 2 2	11	270.00 4.50 1.15	270.00 4.50 2.30
mes Cutter 1"-1" Stillson French Chain Tong	2 2 1	THE THE THE	1.00 1.00 1.50 2.50	2.00 2.00 1.50
Chain Tong Lay Tongs Stillson Wrench Pipe Trench	1 4 1	nation of the state of the stat	5.50 4.30	2.50 5.50 17.20 .75
Rachet Brace W Hammers ew Trivers Bits 11" to !"	123	77 78 27	.60 1.35 .85	1.35 1.70 .75
k Saw	1		3.15	3.15 .75

				the second
ITEM	Quantity	Unit	Unit Cost	Sub Potal
oldcring Ltove low Torch Fol ire Bending Mach. or 1" & 3/4" interns imper super suping For oldering Iron arret Jack lo Man & Rachet or 2" to 2" Taps seller Tapping sch. for 1"-2" novels loks low Cock Key 2"-13 " " " " " 3/4" ite Valve Key " - 2-1/2"	1 181111 1 2221122 2	Each " " " " " " " " " " " " " " " " " " "	6.00 3.65 8.00 .35 .20 .50 .45 2.25 9.65 90.00 .75 .60 1.75 1.50 2.00 1.00	6.00 5.65 8.00 6.30 .20 .45 2.25 9.65 1.50 1.50 1.50 4.00 2.00

	· ·		Marie Contract
ITEA	Quantity Uni	t Unit Cost	Sub To
IShings 11" x 2" 21" x 2" 3" 4" x 2" " 4" x 2" " 1" x 3" " 1" x 3" " 1" x 3" " 1" x 3" " 1" x 3/4" " 1" x 3/4" " 2" x 1" " 2" x 1" " 2" x 1" " 3" x 1" " 3" x 1" " 1" x 3/4" " 1" x 3/4" " 2" x 1" " 2" x 1" " 1" x 3" " 1" x	RO 6 4 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	h .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	1.0 2.7 2.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3

	-			
2300	Quantity	Unit	Unit	Sub
STATE OF THE STATE			Cost	
ross 4" x 4"	1	Esch	. 93	
2" x 2"	4	107	.80	
" 1" x 1"	18	. 10	.06	
" 1" x 1" " 13" x 11"	5	107	.18	
" 11" x 11" 15° B118 1-1/2"	1	sq.	.10	
	1	- 18	.20	
* 3/4"	50	799	.03	A Page
	33	ýs .	.05	
013 18	5	69		
lars - 3"	33	. 11	.07	y
W AN	60	18	.08	100
	1	28	.27	200
Migules 5/47 x 1/2"	19	19	.015	-
4 4 4	38		.08	100
" l" close	127	17	.08	
1 x 11"	23	स	.05	
* 2" x 2"	20	18	.045	
8" × 4"	13	स	.06	
4" x 6"	1	7.88	.40	
Mione 3/4"	43	10	.10	ľ
70	11	27	.12	
Inions 3/4" " 1-1/2" " 2"		79	.12	
9.11	9	79	.27	!
M 2_7/9"	8	- 11	.56	ŧ
" 1-1/2" " 2-1/2" " 4"	ğ	49	1.56	9
3"	\$ 9 8 9 6	78	.76	
8.4				
Ills & Tees with	770	14	.27	1 .
3/4" male unions	118	79	.08	
TOBBOVETS D/4	6	the man	.05	
31de Jutlet 311s 3"	55	di di n		1
Strap Saddles 2" on	46		.56	1
Stra Sa dles 2" on on 3/4" on 8" " 3/4" on 12"	5		1.38	1
" 3/4" on 12"	I	The state of	2.50	4
DEO OUGUE - T			4.45	1-1
" brass - 1"	15	1 1	47	H
	The state of the s	The second second	THE REAL PROPERTY.	A ROLL COMPANY

	4.		1	
ITEM	Quantity	Unit	Unit Cost	Sub 1
trap Sadoles 3/4" on 6" lange Tee 4" x 2" ate Wheels - 8" " " " " " " " " " " " " " " " " " "	2 10 2		.56 3.20 1.00 .45 .60 1.80 4.80 10.60 1.84 .80 7.50 1.03 10.25 4.41 4.05	10 2

	Quantity		Unit Cost	Sub "
ails	50	Lho.	.03	1.
esd 12	100	Lbe.	.06	ò.
altum	85	libs.	.08	B.
	2	Bbl.	5.00	5.
ed Lead	1/8	Keg	4.80	
	24			
		1		

lave under any claim or right, as the successor tower company has or of any appropriator, locator or user, to take appropriate, or in any way to use any of the w an Buenaventura River, or its tributaries or e and particularly described as follows:-The right to divert the waters of the San Bu River, or Arroys Estalija, and of the Arroys & to the extent of two thousand inches, measure four inch pressure, for the purpose of supplying r irrigation, demestic, culinary, stock and man g purposes, at various points along the line of thes and other works formerly belonging to the r Company, and for supplying the town of San B and its inhabitants, and the vicinity of said sh water, by diverting the said water from its channels, sequired by the Santa Ann Water Compa e of appropriation of water, dated January 10. by the construction of suitable dams, gates, d ind other conduits, and the actual diversion, a and use of said waters for the purposes above ed, and by the actual, continuous, and uninterru aid waters by said Santa Ana Water Company and rs in interest, from said loth day of January, resent time. The original point of diversion er was near the confluence of the Can Buenavent the Arroyo San Antonio, in the Rancho Santa A afterwards changed to a point on the San Buenav n what is known as the "Jose Dolores Chapman to Rencho Santa Ana, and later to a point on said er the crossing of the Casitas Tass Told; also, The right to divert all of the waters flowing Buenaventura River, at the head of what was for the lower ditch of the Lanta Ana Later Company ncho Canada Larga y Verde, and conduct same t limits of the town of San Buenaventura, for ring, irrigation, and domestic purposes, acqu llson, and J. Willett by notice of appropriat rs dated Movember 2, 1874, and by notice of i ditches and flumes dated January 29, 1875, f matruction of dams, gates, ditches and flumes duits, and by the actual diversion, appropria id waters, for the purposes above mentioned, said L. D. Chillson and J. Willett, and thei iterest, from said 29th day of January, 1875, ime. The point of diversion of said waters h o a point on said river in the Rancho Canada er where the old flouring mill formerly stood t is known as the lower ditch of the Santa An as heretofore diverted and now diverts waters er. also. The right to take, divert and use all of the in Buenaventura River and its tributaries, con inta Ana Water Company by Thaddeus Amat, Bisho and Los Angeles (a corporation sole) as trust erty of the Roman Catholic Church in Californial March 2, 1874, and recorded in the office o scorder of said Ventura County in Book 1 of De et seq., and being all of the right and title on Church and establishment in the town of 30 in said County of Ventura, to take, divert, ap the waters of the said Jan Buensventura River ies: also,

the extent of fifteen hundred inches measured

pressure, at or near the water ford used in

Buenaventura River, west of and near the "Mor

WE WE THE THEORY SERVER STREET OF THE SERVER STREET, LAND SERVER OF THE SERVER SERVER

The minute of the surer, appropriate, we are the test of the surer and the street of the surer and the street of the surer and the surer and the surer of the surer and surer surer

all our stageter the right, title and interport Stage of the Fontein Symply (1947 Son; 197 of their s of in the vient on the processor in interest t Colle Lecenter, claiment of rear, or write out to of one or may have maker any sixte of way sixt TOPE O DIVERYPLANA, NO 18 WIT WAT WAT HET THE Thereso entered tiver, Liver, Annia Lavelle, to Li SOU, OF THE PERSON PLAN OF COURTER, W. W. M. H. or home, when In , with the till the tell and the That and there are wind and by the territory AND SECTIONS WHILE MADE WAR THE THE TALK SOLD MATERIAL TO SOLA PART, WIN WINESPANISH, BY SULY STORY OF THE whose Trans with they are not arrive to the transport MARKET WAYNE AND OF THE STATE O THE RESIDENCE OF THE PARTY OF T ineated upon that certain map entitled "Tico Tractorded in the office of the County Recorder of Ventin book 3 of Miscellaneous Records (Maps), at page t 4 having a frontage of 60.00 feet on Ventura Ave

Appraised Value \$720.0

II. OFFICE AND WAREHOUSE SITE, described as forms at a point on the Northeast corner of Block 44. Buena Ventura; thence South along the West propert Chestnut Street 100 feet; thence West 120 feet; to 00 feet to a point on the South property line of Freet; thence Masterly along the South property line et; thence Masterly along the South property line et 120 feet to the point of beginning, the above property being known as Let 1, Block 44, City of sontura.

Appraised Value \$12,000.00

Lots one (1) and four (4), Block fifty-two (52), e are designated and delineated upon the official Addition to the Town of San Buenaventura, Californ ticularly described as follows:

Seginning at a point distant 80.00 feet west ar feet North of the point of intersection of the west and ann Street and the North line of Mission Street; from said point of beginning.

2nd - West 100.00 feet to a point; thence at ri 3rd - South 100.00 feet to a point; thence at ri treet, to a point; thence at right angles,

3rd - South 50.00 feet to a point in the Bort on Street; thence along same.

2nd - West 50.00 feet to a point; thence at r

4th - East 50.00 feet to the point of beginns

The title to the above-described real property forfeiture in event a water reservoir is not make above-described real property, as provided L. M. Lloyd, conveying said real property as Water Company, dated December 15, 1887, and a office of the County Recorder of Ventura County seds, at page 465 et seq.

Appraised Value

V. POLI STREET PUMPING PLANT, described as Lot two (2), Block one (1), as the same are defineated upon the official map of the Addition to Sun Buenaventura, California, and particularly ows:

Beginning at a point in the South line of Polast 80.00 feet from the point of intersection ine of Poli Street and the East line of Ash Streem said point of beginning.

1st - East 120.00 feet, along the South line to the Northeast corner of said Lot 2, Block 1 t angles,

2nd - South 200.00 feet to the Boutheast cor

m the South line of Poli Street; thense,

Sth - West, to a point distant East 80.00 feed line of Ash Street, at the Southeast corner of parcel of land as conveyed by the Ventura Water or Company to Edward Tico by deed dated James of recorded in the effice of the County Recorded County in book 95 of Deeds, at page 90 et seq.; angles,

9th - North 90.00 feet to the point of begin

Apprelsed Value 1960

VI. POUR DITCH DIVERSION, described as follows:

River, set for station "C.L. Mo.6" of the fina Mancho Canada Larga, and from which a crooked foot in diameter, on right bank of said river. The "5" and "B.T.6", bears South 45° West 0.33 and also from which station the Northwest comes designated and delineated upon the above des Bard's Subdivision of Tract "B" of said Rancho bears North 14° 45' West 0.11 chains distant: to id point of beginning.

1st - South 8' Last 7.78 chains, along line

by deed dated Septembor 9, 1876, and recorded of the County Decorder of Ventura County in the eds, at page 286 et seq.; thence,

Srd - Morth 34° Ol' West 7.57 chains to a path line of Lot 3, as designated and delineated re described map of Bard's Subdivision of Fractancho Canada Larga, and at the Northwest con

th line of Lot 3, as designated and delineated re described map of Mard's Subdivision of Truckancho Canada Larga, and at the Northwest compared of Ida 3. Wilson and the Northeast corner percel of land as conveyed by Edwin C. Flagger Company by deed dated Pebruary 7, 1887, and office of the County Recorder of Ventura County of Deeds, at page 295 et seq.; thence along the said Lot 3, Truct "B", Rancho Canada Larga,

of that certain parcel of land as conveyed by lo Sonta Ana Water Company by deed dated March orded in the office of the County Recorder of in book 18 of Deeds, at page 441 et seq.; then

5th - North 32° West 5.80 chains to the Nor of said parcel of land as conveyed by said Edw o Santa Ana Water Company; thence.

Southwest corner of that part of Lot 3. Tract Canada Larga, as conveyed by J. J. Dayer, Admin of the estate of 3 muel Roar, deceased, to Canada dated Arch 30, 1906, and recorded in the County Recorder of Ventura County in book 106 132 et seq.; thence,

7th - South 14° 45' East 6.65 chains to the

tree on hillside bears South 79° 30° Bast 0.89 to center, and a 1/2 inch iron pipe standard set center line of said public road bears North 82° 57 chains distant; thence from said point of bog let - North 56° Bast 6.50 chains, along line 1

inal survey of said Rancho Canada Larga, to the ner of that certain parcel of land in Tract "A" anada Larga as conveyed by Ellen S. Barnard, et ine Gosmell, by deed dated November 3, 1885, and n the office of the County Recorder of Ventura Class of Deeds, at page 466 et seq., said point beinest Northwesterly corner of that certain parce conveyed by Ventura Land and Power Company to Caby deed dated January 10, 1891, and recorded in f the County Recorder of Ventura County in book t page 395 et seq.; thence,

2nd - Southerly, along the Westerly line of as find conveyed by said Ventura Land and Power of the Gornell, to the summit of the hill, at a point line of that certain parcel of land as core fawcett to Ventura Manufacturing Company by debruary 7, 1877, and recorded in the office of the corder of Ventura County in book 5 of Deeds, as go: thence along same.

3rd - Westerly, to a point in the Easterly lin Avenue (as located February, 1877); thence,

4th - Mortherly 0.50 chains to the point of be

Excepting all public roads within the exterior es of the above described real property.

Beginning at a point in the West line of Ventu at the Southeast corner of said Lot 1 and the He ner of said Lot E, said point being the Northesa f that certain parcel of land as conveyed by Jac to the Trustees of the San Buenaventura School nd known as the Avenue School Lot) by deed dated 6, 1883, and recorded in the office of the Cour f Ventura County in book 12 of Deeds, at page from a id point of beginning a 6" x 6" x 56" re Red "R", set at angle in West line of Ventura Ar rth 13° 50' East 11.81 chains distant, and a 6" post and a 2 inch iron pipe standard set in the said Ventura Avenue bears South 76° 10' East 33 tant from said redwood post marked "R"; thence h line of said lot 1. 1st - North 76° 00' West 129.00 feet to a poi ter of San Juan Barranca; thence down said barra g its meanders, by the following courses and di

2nd - South 57° 06' West 234.80 feet to a 4" post marked "P", set on left bank of barranca;

3rd - South 62° 25' West 180.00 feet to a 4" post marked "P", set on left bank of barrance, ost a gum tree 14 inches in diameter, marked wit blaze, bears South 40° 40' West 3.70 feet to s

4th - North 76" 35' West 120.70 feet to a poi of barrance, at the crossing of the old "Farmer" thence up said old ditch line, following its me following courses and distances:

5th - North 12" 02' East 55.50 feet to a 4" 3

10th - South 13° 50' West 41.20 feet to the poing, and containing 2.205 acres.

Also a right of way and easement for maintain over lands adjoining the above described parcel of right of way is particularly described and defined of Eugene F. Foster, et ux. to Ventuza Land and dated February 26. 1897, and recorded in the or County Recorder of Ventura County in book 50 of e 555, et. seg.

Appraised Value _____

Beginning at a one inch iron pipe twenty-four in top of which is set flush with the surface of the et at station "A" and at a point in the Westerly rat parcel of land described in that certain deed rusry 5, 1886, made by Teodora Lopez de Olivas et sea Olivas and recorded in the office of said Courin Book 16 of Deeds at page 117, and from which patation "A" the point of intersection of said Westerld Tirst parcel of land so conveyed to Francisca deed last referred to, and the easterly line of the San Miguel Banch Company, bears North 2° 08° ins distant; and from said point of intersection dary lines of said Olivas (now Suytar) and said 3 noth Company's property a sement monument set in the company's property a sement monument set in the

nch Company's property a cement monument set in the Conejo road at the Northeast corner of said lench Company's property bears N. 20 1/4° E. ins distant; thense from said station "A" at said beginning:-

lst., 3. 2° 08' E. 1.82 chains to a 6" x 6" redw

ed "N W G" set at station "B" and where stood a e post, now decayed, on the edge of the right, bline between the sont Clara river in the boundary line between 14 and 15 of said Rancho San Liguel and 2t the Ser of the first parcel of land as conveyed to said Clives (now Suytar) by said deed dated Jebruary ance.

onveyed by said last named deed to said Francisca 88° E. 3.05 chains along bluff river bank to a or pipe twenty-four inches long set at station "3" west corner of the second parcel of land as conthe last named deed to Francisca Clivas; theree,

and a so hat a 17 ge about a trace the Sactor

so a strip of land having a uniform width of to gimmodiately west of and adjacent to the east s of Julius B. Alvord in said Olivas tract and North line of a parcel of land hereinabove con Northern-most point of said Alvord land, at th intersection of said boundary line of said Oli el Ranch Company tract.

Appraised Value A

XI. MOUND RESERVOIR SITE, described as follong at a point in the Borth line of the Foothill R. 10° 15' 8. 20.06 chains from a 3/4 inch iros mound of rock in the Earth line of the Telegra outhwest corner of that certain tract of land a B. N. Dudley to Benjamin A. Rapp by deed dated 903 and recorded in the office of said County R 97 of Deeds at page 312; and running thence.

lst.. N. 70° 27' E. 257.7 feet along and with ne of said Foothill road; to a 4" x 4" redwood J.E.W.": thence.

2nd., M. 10° 15' W. 227.7 feet to a 4" x 4" 1 ked "J.B.W."; thence.

Brd., S. 79° 27' W. 257.7 feet to a point in and on the West line of the lands of Rapp; the

ent, and containing 1.347 acres of land and be property conveyed to said party of the first Repp by deed dated April 1, 1905 and recorded co of said County Recorder in Book 99 of Deeds



