

In compliance with your circular addressed to County Assessors I have the honor to transmit the following information

Land

The Estimated area of the County is about 8,500,000 acres of land of which the Colorado Desert comprises about 3,000,000 and the Mountainous region about 4,000,000 leaving 1,500,000 as level land lying along the Coast, in the valleys and as elevated table land.

The soil of the Desert is pronounced by geologists to be exceedingly fertile the absence of ^{one element} moisture alone causing it to be a Desert which element might easily be supplied by irrigation from the Colorado River and from artesian wells.

The Mountainous sections produce ^{in abundance} ~~some~~ ^{various} ~~species~~ ^{generally} ~~of~~ ^{various} ~~species~~ ^{of} timber of different kinds among which are Oak, Pine, Cedar, Fir, Redwood - Sycamore

In the valleys are found ^{various} ~~of~~ ^{various} ~~species~~ ^{of} Willow Cottonwood & Pollar Elm.

There are also coal minerals &c

Grain &c		
Wheat	Bushels	5000.00
Barly	"	8000.00
Corn	"	20000.00
Potatoes	"	1000.00
Beans	"	200.00
Peas	"	200.00
Hay	tons	500.00
Grapes	lbs	20,000.00
Buckwheat & Rye have been tried as an experiment		

and found to succeed well.

The soil & climate of the county seems to be well adapted to Sweet Potatoes & Tobacco about 1000 lbs of each having been raised this year.

Sugar Cane & cotton have also been tried as experiments

There are but few fruit trees in the county although ^{many} seem to flourish well here especially the Fig & Apple Pear which bear luxuriantly every year.

The amount of live stock in the County is as follows.

Cattle	30 383
Horses	4 252
Mules	427
Swine	558
Sheep	3 096
Asses	300

Value of Poultry \$2000.00

But little Butter & cheese has been made in the County not ^{sufficient} for home consumption There are several vineyards in the county the grapes of which are of large size and excellent flavor five or six hundred gallons of wine made from them the past year proved to be of very good quality.

Minerals, Gold, Silver Lead & Copper & Iron have been found in the mountains. ^{are good grounds for} ~~There is a well founded belief~~ ^{believing} that a scientific exploration would bring to light rich deposits of the different minerals. ^{It is to be regretted that the State Geologist has not seen fit to know our second wealth to visit.} Coal - A deposit of coal said to be of excellent quality has been discovered within a mile of San Diego Bay and a Company is now engaged in sinking a shaft for the purpose of working the mine.

A strata of coal was found by boring, at the depth of 46 feet, ^{4 1/2 ft thick} following list of the ^{different} strata passed through during the operation ^{was obtained from the company.}

Blue soft slate 19 feet, freestone 2 feet, slate 1 foot coal 6 inches, slate 3 1/2 feet, coal 6 inches, slate 16 1/2 feet grey rocks 18 inches, slate 2 feet, coal 9 inches, dark slate 6 ft grey rocks 1 foot, dark slate 1 1/2 ft coal 18 inches, hard slate 6 inches coal 6 inches, dark slate 1 foot, grey slate 3 feet, dark slate 1 foot, grey rocks 2 feet dark slate 6 inches coal 6 inches, dark slate 4 feet, grey rocks 10 inches, dark slate 3 ft soft sandstone 1 foot, slate 4 feet, grey rocks 2 ft, ^{slate} 6 inches coal 4 1/2 ft

County
Statistics

Coal

Locations through
which the artesian
well was bored