## Opening of Canal May Make Health Resort of the South American Desert

onsis of green

jungles of the Ecuadoran tropics. This comes from a country as One of the richest of these desert valdry as any part of the Sabara. The jeys is that of Plura, which is not far coast about me is all sand and rock, from Paita. Here the lands are irriand the Andes mountains, which lie gated by the Piura river and they grow close behind, are as sterile as the driest great quantities of cotton, sugar cane part of our great western plateau. The and grain as well as every kind of fruit first port after leaving Guayaquil is that we have in California. There are Tumbez. It belongs to Peru, but it lies oases along every stream between here just over the Ecuadoran line and is an and Callao, and Lima is the product of

the Rimac, which gathers the snows of Beyond Tumber the desert begins, and the Andes and spreads them in the shape it extends from there southward down of water out over the plains. the western coast of the continent for I am writing this letter at Palta, the are lost in the snow.

so fated a desert for all time to come.

Shut In on All Sides.

ocean and the great wall of the Andes. Those mountains rise almost precipitously from this long coastal plain and they are among the highest on the that they squeeze the rain out of the the port, and when I went to the postwinds from the cast that bring all the moisture, and it flows down their eastern slopes. The winds here all come from over the mountains, but the water has been squeezed out of them on their way, and when they flow down the western slopes of the Andes they are as dry as a bone. Their load has already been dropped. It has covered eastern South America with tropical verdure. It has filled the valleys of the Amazon and the Prana with the greatest water supply known to man, and has made the larger part of this continent bloom like a garden.

Seldom Rains. On the side of the Andes, in this strip of 2,000 miles, about the only water tops of the mountains. It seldom rains, Paita has not had to use an umbrella for the last twenty-two years, and waterproof coats and rubber boots would be a drug in the market anywhere from below Tumbez to far beyond Antofagasta. Indeed, the only fertile regions of the desert are where the snow-fed pivers from the mountains cross it and flow out to the sea. There are fifty-five such streams along the coast of Peru; and the cultivatable territory watered by them has an area of 1,500,600 acres. Twofifths of this is irrigated and already in use, and it produces some of the finest the desert. In this dry air flesh does crops of the world. It is at present the not rot, and you could leave a dead

APTA, Peru-I am 850 miles deal of exports. The government is now south of Panama, on the considering the further development of northern edge of the great this region by the extension of the irri-South American desert. My gation system, and it has had American last letter was dated in the engineers here going over the ground.

Plura is Rich , Valley.

a distance as long as that between the port for the Piura oasis. It is a desert Atlantic ocean and the Great Salt lake, city, with streets of sand and one and Its length is 2,000 miles. It borders the two-story houses made of a framework whole of Peru and takes up all north- of wood poles and bamboo canes, over ern Chile, extending almost to Val- which is spread a mixture of sand and pariso. In no place is it more than mud that dazzles one's eyes, indeed, most eighty miles wide, and yet it is 2,000 miles of the houses are of mud and fishing long. At its eastern edge it is lost in poles smoothed down with stucco. The the Andes, which are without vegeta- walls are painted all the colors of the tion clear to their tops, where the rocks rainbow. The custom house, where stopped when I came to the wharf, is have seen something of the other bright green, and when I passed through great deserts of the world. I have been the plaza behind I faced a big church of on the edge of the Kalahari desert, in sky blue surrounded by buildings, some South Africa, in Morocco, Tripoli, Al- of which were as yellow as gold. This geria and Egypt. I have sailed along church looks out upon the plaza, which the coast of Arabia and know something contains about the only vegetation in the of the desert of Gobi, on the edge of whole town. This is a garden as big as a Mongolia. None of them is like the bed quilt, filled with stunted palm trees Peruvian desert, and none seems to be and thiraty-looking tropical plants. There is no water to be seen outside that of the ocean, and much of the drinking This desert is shut in between the supply is peddled about upon donkeys in ten-gallon kegs from house to house

Travel by Donkeys.

The most of the traffic of Palta is upon donkeys. I saw caravans of them earth. They are so high and so cold bringing vegetables, sugar and rice to office I walked by the side of the mail wagon, which was really a dray drawn by a mule.

Notwithstanding all this, Palta is the chief port of northern Peru, and it promises to grow very fast when the canal is completed. It will certainly need some sanitation before it can be made a safe port for our great waterway. Just now the town swarms with fleas. It has had bubonic plague in the past, and its buildings are such that they would form a paradise for the plague-carrying rate. Near the custom house a large warehouse is now going up. The building already has the form of a framework of poles, upon which they are tacking canes of split bamboo. It rests on the ground comes from the melting snows on the and the rats will be able to climb up the walls as on a ladder. The streets here are not paved, and the sidewalks are pe-ke) valley back of Pacasmayo I found mostly of wood. However, the air is so dry that, outside the bubonic plague, which has now disappeared, the region is exceedingly healthy, and as far as I know yellow fever has never been known.

Air Smells Fine.

During my stay here today I have tramped through every part of the town. visiting the main streets and slums, and have not had one offensive smell greet my nostrils. There are no bad odors in



the vultures would let it lie there, it

would not emit an odor. The air is such that it sucks the juices out of anything left out of doors. It is as healthful as Egypt, It will keep a corpse or a mummy, and it is the dryness of the air that has preserved the mummles of Peru, like those of Egypt. There are many ruined cities of the Indians scattered over the desert, and from some of them mummies have been dug which look almost as fresh as when they were buried. They are quite as fresh as the mummles in the museum at Cairo. They were usually cured in a sitting posture, wrapped in cloth and tied up with string.

During my last visit to Peru I visited a number of cities from which such mummles have been dug, and near them saw piles of skulls from ten to fifteen feet in height. Nothing seems to decay in the desert, And there are long lines of skeletons of animals scattered here and there over the sand.

During a former trip to this desert I came In the Jequetepeque (Hek-e-te- of Trujillo, which was founded by Pi- London. a large mound which was once the site of a palace or possibly a temple devoted to the vestal virgins of the sun. All about me were bits of pottery of an unknown nation of the past. The remains showed that the building was nearly square, and it was 500 feet wide at the base. It was made of adobe and then plastered on the outside with mud and

Not far from that place up in the Anroom which formed his cell, as high as itely shaped and of remarkable artistic up over the top of the crescent. These tion is confined to several small valleys. most important part of Peru; it feeds chicken for a week in the street, and if he could reach, with gold, in exchange beauty. I have before me some photo- sand mounds travel always in the direc- The American cotton will yield here for

A Street in Salaverry

for his liberty. After Pizarro had gotten graphs of it which were recently taken zarro and named in memory of his native home in Spain. The town is older than Lima, and it has now about 15,000 nearby.

visited some of the ruins of cities that the gold he had the Inca chief killed. A for the London News. The objects are are twenty months old. were in existence long before the Incas little farther south of here is the town now, I believe, in the British museum in

Peru Desert Interesting.

I find the desert of Peru wonderfully interesting. Parts of it are rocky, like or 20,000 people. There are great ruins much of the Sahara, and many parts of tree; and there may be brown and white it have as fine sands as that which sur- lint in the same boll. The colored cot-In the same desert is the Chuncana rounds the pyramids on the banks of the valley, where, a short time ago, T. Nile. In some places the sand gathers use it for their ponchos and hammocks. be taken away on the steamer. At Eten, Howett Myring unearthed pottery which in drifts or great mounds, and these is supposed to have been made by a peo- mounds are moved along by the winds. ple who were old when the pyramids The mounds are in the shape of a creston, they are now growing American upwere young. They lived from 7,000 to cent. They are made of millions of mil- land cotton and Sea Island cotton from des is Calamarca, where Atahualpa was 10,000 years ago. They had a remarkable llions of little grains of sand not as large American seed. The Sea Island cotton chair. The passenger takes his seat in imprisoned by Pizarro until he filled the civilization and the pottery was equis- as a mustard seed, which the winds roll has but a small acreage, and its produc-

tion of the winds, which are here Loward three years without replanting, but the the north. They climb over the hills and plants are cut back every year. At presmake their way through the valleys ent the cotton exports of Peru amount They will not stop for roads or railroads, to something like 100,000 bales yearly. and they are the terror of the civil en- About 12,000 bales of this product is congineer. Some of the railways that cross sumed at home. There are seven cotton the desert have been swallowed up by factories scattered here and there over them again and again, and it is impossi- the country, five of them being in the ble to keep them back by such arrangements as our snowsheds or fences. They have to be shoveled out for the trains am sailing has brought here two bargeto pass, and the track be relaid until loads of galvanized iron pipe and of they have gone on.

Such sand hills often cover the paths of the desert, and the blowing sand frequently blots out the landmarks. Pain Great for a Port.

I have spoken of Palta as a port that will furnish business for the Panama The town has a railroad to the Plura valley, which is about sixty miles inland; and I am told that this road might be extended a distance of 400 miles the upper Amazon valley; it would bring has come the same way. one of the most fertile parts of South America right at her door, and make it a feeder for the Panama canal.

As it is now, the Piura valley promises der it less liable to shrink.

Great Place for Cotton. Indeed, this land seems to be the home when Pizarro came, and he found cotton daily. cloth in the tombs of people who lived to yield for twenty years after planting, ning. More than 800 wells are now work-

ton and white cotton grow on the same ton is largely sold to the Indians, who the great barges loaded with freight to

months after it is planted, and the prin-

cipal yield is obtained when the plants

Yield for Long Time. In addition to this native Peruvian cot-

city of Lima.

The Feruvian steamer upon which I eight-inch castiron casings for the Lobitos oil regions, which are situated about forty-five miles up the coast. The pipe omes from the National Tube works at Pittsburgh, and the shippers are a branch of the Standard Oil company, I do not know how this freight got to our Atlantic seaboard, but it was carried down to the 1sthmus of Panama and there transferred to the railroad and thence to this Peruvian steamer. The freight must be heavy, and, considering the over the Andes and connect with the handling at Panams, the rate will prob-Maranon river, one of the great tribu- ably be cut in half when the Panama taries of the Amazon. This extension canal is completed. We have a great would put Paita in close connection with deal of heavy machinery on board that

off Fields Are Extensive Speaking of the oil fields of Peru, I could see the derricks of the Petroleum port of Tarala as we came down to to furnish a big export of cotton. It is Paita. The petroleum is found there on there that grows the famous native cot- the edge of the sea and this is so with ton of Peru, a cotton which brings 6 or other oil fields all along the coast. They cents a pound more in our markets are now getting out perspleum in several than that we raise in America, and that provinces in Ecuador; there are off wells is shipped to the United States by the at Tumbez, Pero, and there is a refinery thousands of bales. The native Peruvian at Zorritos, where forty-eight wells are cotton is sometimes called vegetable now working. The piping we have on wool. It has a long fiber, and it is very board will go by launch to the oil fields, like wool in its texture. We use it to and the castings will be used for new

mix with wool for the making of hats, wells. They are now discovering oil also hosiery and underwear. It is said to in southern Peru, and are even boring give the cloth a finer luster and to ren- wells on the shores of Lake Titicaca, at an altitude of two miles above the sea. There the oil is struck at about 800 feet. Ten wells are already working and . .ch of the cotton plant. It was growing here is yielding an average of fifty be reis

The petroleum output of this country ong before the Incas. The native cot- is now more than 1,000,000 barrels per ton grows on a tree which will continue annum and the business is at its begin-It is usually at its best at three years, ing, and of these 300 are in the old fields and after that it begins to decline. The of Corritos. The oil is of a high grade common method of planting is to put and it is good for lighting as well as for the seeds in the ground with a stick, fuel. The steamer upon which I now am and let the trees reach a height of six burns fuel oil instead of coal, and we or eight feet. After that they are cut have taken on a fresh supply here. The back from year to year in order that the oil is stored in a great round tank on the crop may be the more easily gathered. bluffs above Patia, and a pipe from the On other plantations a single sowing is tank runs down to the ocean and to a allowed to do for several annual crops. little oil barge, whence it is conducted The cotton begins to ripen about ten into the reservoir of the steamer,

Land with Small Boats. The landing at all these coast ports is done in small boats. The moment our The picking is done by the native men, ship came to anchor at Patia white women and children, who also sort the boats with red flags started out from cotton by color before it is ginned. I the shore. They were rowed by baresay by color, for much of this Peruvian fcoted Indian sailors clad in blue with cotton is brown or red. The brown cot- white caps on their heads. Behind them came the boats of the natives bringing vegetables and other wares out to the ship, and farther back still were towed the port nearest here, the harbor is rough and the landing of passengers is means of a barrel, the half of which has been cut away and turned into a the barrel, whereupon he is lifted by the

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## ON AND AFTER TUESDAY, FEBRUARY 24

During the Construction of New Building

## The United States National Bank of Omaha

CAPITAL \$1,000,000

SURPLUS AND PROFITS \$675,000

Will Occupy Temporary Quarters at

## 1607-1609 FARNAM STREET

(Opposite Present Location)

The temporary quarters are commodious; new fixtures and vaults have been installed and the Bank is better equipped than ever to take care of its constantly increasing business

MAIN BANKING ROOM 1607 Farnam Street

SAVINGS DEPARTMENT 1609 Farnam Street